

Hearing

1. *Flaghouse Special Populations Catalog.*

Source: Hasbrouck Heights, NJ: Flaghouse, Inc. 200x. 225 p.
Availability: Available from Flaghouse, Inc. 601 Flaghouse Drive, Hasbrouck Heights, NJ 07604. (800) 793-7900. Fax: (800) 793-7922. E-mail: info@flaghouse.com. Website: www.flaghouse.com. PRICE: Single copy free.

Language: English.

Abstract: This catalog lists resources for occupational therapists, recreational therapists, and special educators in the areas of recreation therapy, adapted physical education, and physical therapy. Products are presented in seventeen categories: snoezelen, sensory stimulation, flying colors, adapted play, recreation, learning, evaluation, furniture, living aids, orthopedics, conductive education, positioning/standing, ambulation/mobility, exercise, aquatics, active play, gross motor. Full-color photographs, pricing information, order forms, and an index are also included.

Subject Category: Balance. Speech. Smell. Hearing. Language.

Descriptors: Equipment and Supplies. Occupational Therapy. Recreation. Sensory Input. Music. Sensory Disabilities. Therapy. Language Development. Balance. Children. Exercise.

2. *NICHCY: Publications Catalog.*

Source: Washington, DC: National Information Center for Children and Youth with Disabilities (NICHCY). 200x. 8 p.

Availability: Available from National Information Center for Children and Youth with Disabilities (NICHCY). P.O. Box 1492, Washington, DC 20013-1492. Voice/TTY (800) 695-0285. E-mail: nichcy@aed.org. Website: www.nichcy.org. PRICE: Single copy free.

Language: English.

Abstract: This catalog lists publications available from the National Information Center for Children and Youth With Disabilities (NICHCY), an information clearinghouse that provides information on disabilities and disability-related issues. The catalog includes general resources, news digests, transition summaries, disability fact sheets, disability briefing papers, parent guides, student and technical assistance guides, and bibliographies. The catalog concludes with ordering information and an order form. Pricing information is included.

Subject Category: Hearing.

Descriptors: Hearing Loss. Disabilities. Information Resources. Children. Parent Education. Health Education. Adolescents. Legal Issues. Education of the Hearing Impaired. Disability Programs. Activities of Daily Living.

3. *LS and S Group: Specializing in Products for the Visually Impaired, Deaf and Hard of Hearing. 200x Catalog.*

Source: Northbrook, IL: LS and S Group, Inc. 200x. [145 p.].
Availability: Available from LS and S Group, Inc. P.O. Box 673, Northbrook, IL 60065. Voice: (800) 468-4789 or (847) 498-9777. TTY (800) 317-8533. Fax: (847) 498-1482. E-mail: LSSGRP@aol.com. Website: www.lssgroup.com. PRICE: Single copy free.

Language: English.

Abstract: This catalog lists products for people who have visual and/or hearing impairments. The products are indexed separately, for ease of use. Products for people who are deaf or have hearing impairments include telephones and telephone equipment, amplifiers, TTYs, answering machines, alerting devices, ADA compliance kits, signaling systems, Silent Call personal alert systems, paging systems, alarm clocks, FM systems, assistive listening systems, classroom listening systems, infrared listening systems, and communication devices. Each product is illustrated with a black-and-white photograph; prices are noted.

Subject Category: Hearing.

Descriptors: Assistive Devices. Alerting Devices. Assistive Listening Devices. Telephone. TTY. Equipment and Supplies. Telecommunications. Tactile Aids. Adaptive Equipment. FM Systems. Communication Devices.

4. *Harris Communications Catalog: Products for Everyday Individuals in Everyday Life.*

Source: Eden Prairie, MN: Harris Communications. 200x. [184 p.].
Availability: Available from Harris Communications. 15159 Technology

Drive, Eden Prairie, MN 55344-2277. (800) 825-6758 or (612) 906-1180. TTY (800) 825-9187 or (612) 906-1198. Fax: (612) 906-1099. E-mail: mail@harriscomm.com. Website: www.harriscomm.com. PRICE: Single copy free.

Language: English.

Abstract: This catalog contains books, videotapes, novelties, and assistive devices. The books and videotapes section includes the following categories: Gallaudet's Pre-College National Mission Programs, children's materials, consumer education, coping with hearing loss, entertainment, deaf culture, hearing health professionals, heritage, interpreting, parents' resources, professional resources, religion, sign language, and teaching resources. The assistive devices section is divided into fifteen categories: text telephones (TTYs), clocks and wake up alarms, visual alert signalers, notification systems, pagers-warning devices-detectors, computer TTY modems, assistive listening devices, hearing aid batteries-accessories, telephone products, computer videoconferencing, ALD accessories, speech assistance, television products and ADA compliance products. There is also a category on novelties, which includes cards, jewelry, posters, and games. The catalog includes an index and order form.

Subject Category: Hearing.

Descriptors: Communication Disorders. Assistive Devices. Deaf Community. Deaf Persons. Education. Curriculum. Audiovisual Materials. Cultural Factors. Interpreting. Sign Language. Hearing Loss. Parent Education.

5. *Facing Neurofibromatosis: A Guide for Teens.*

Source: New York, NY: National Neurofibromatosis Foundation, Inc. 200x. 16 p.

Availability: Available from National Neurofibromatosis Foundation, Inc. 95 Pine Street, 16th Floor, New York, NY 10005. (800) 323-7938. (212) 344-6633. Fax: (212) 747-0004. E-mail: NNFF@nf.org. Website: www.nf.org. PRICE: \$1 plus shipping and handling.

Language: English.

Abstract: This booklet describes neurofibromatosis (NF), a genetically determined disorder that causes tumors (mostly benign) to grow on all types of nerves in the body. Written specifically for teens recently diagnosed with NF, the booklet defines NF and its two types (NF1 and NF2), then focuses on NF1. The booklet discusses how NF is diagnosed, its diagnostic features, how NF1 affects the body and what can be done about it, cosmetic effects, pain, growth and development, learning disabilities, medical follow up, genetics, dealing and coping with NF as an adolescent (psychosocial considerations), and the kinds of research being done on NF. The contact information for the National Neurofibromatosis Foundation (NNFF) is provided (800-323-7938 or www.nf.org).

Subject Category: Hearing.

Descriptors: Genetic Disorders. Neurofibromatosis. Symptoms. Diagnosis. Therapy. Research. Complications. Adolescents. Tumors. Patient Education. Support Groups. Voluntary Organizations. Risk Factors. Genetics. Family. Children. Diagnostic Tests. Psychosocial Factors. Growth and Development.

6. *Soundbytes: The Hearing Enhancement Resource.*

Source: New York, NY: Soundbytes. 200x. 62 p.

Availability: Available from Soundbytes. 11 East 44th Street, 14th Floor, New York, NY 10017. Voice/TTY (800) 667-1777. Fax: (212) 371-7318. E-mail: info@soundbytes.com. Website: www.soundbytes.com. PRICE: Single copy free.

Language: English.

Abstract: This catalog presents products designed to help people with hearing loss. Products include a cellular phone with a built-in TTY, a cellular phone with VibraCall and a hearing aid connect, a call router, a text pager, telephone amplifiers, voice carry over (VCO) telephone, a big button telephone, cordless speaker phones, TTYs, computer modem and software to make a computer function as a TTY, a sign language board game, hearing aid maintenance kits, wireless alerting devices, Fax machine, television captioning products, personal FM systems, and educational software. The catalog features full-color photographs of the products; pricing information is included.

Subject Category: Hearing.

Descriptors: Assistive Devices. Assistive Listening Devices. Alerting

Devices. Equipment and Supplies. Telephone. TTY. Hearing Aids. Care and Maintenance. Sign Language. Software. Telecommunication.

7. **How to Destroy Your Ears Slowly.**

Source: Rockville, MD: American Speech-Language-Hearing Association (ASHA). 200x. (poster).

Availability: Available from American Speech-Language-Hearing Association (ASHA). Product Sales, 10801 Rockville Pike, Rockville, MD 20852. (888) 498-6699. TTY (301) 897-0157. Website: www.asha.org. PRICE: \$8 for members; \$12 for nonmembers, plus shipping and handling.

Language: English.

Abstract: This poster, with the eye catching headline, 'How to Destroy Your Ears Slowly,' emphasizes the importance of preventing noise induced hearing loss (NIHL). The poster presents basic information about the potential impact of everyday activities, such as the use of power tools, loud music, and workplace noise, on one's hearing. The poster emphasizes that if one has to raise one's voice to be heard, or cannot hear a person who is two feet away, then the noise levels present are hazardous. And, consequently, hearing is at risk. The poster also notes that a certified audiologist can measure sound levels, evaluate hearing, and recommend potential treatment including professionally fitted hearing protection. The poster text concludes with the contact information for the American Speech Language Hearing Association (ASHA). The poster is illustrated with full color photographs of a power drill, a lawnmower, a violin, a hair dryer, and a pair of earphones.

Subject Category: Hearing.

Descriptors: Noise Induced Hearing Loss. Prevention. Health Promotion. Health Education. Activities of Daily Living. Noise Measurement. Hearing Evaluation. Hearing Loss. Risk Factors. Audiologists. Hearing Protection Devices. Symptoms.

8. **Communication Strategies for People With Hearing Loss.**

Source: Boston, MA: Massachusetts Commission for the Deaf and Hard of Hearing (MCDHH). 200x. [2 p.].

Availability: Available from Massachusetts Commission for the Deaf and Hard of Hearing (MCDHH). 210 South Street, Fifth Floor, Boston, MA 02111-2725. (800) 882-1155 or (617) 695-7500. TTY/TDD (800) 530-7570 or (617) 695-7600. Fax: (617) 695-7599. Website: www.mcdhh.state.ma.us. PRICE: Single copy free.

Language: English.

Abstract: A person with hearing loss faces many life challenges that have no single solution. This brochure, produced by the Massachusetts Commission for the Deaf and Hard of Hearing (MCDHH), provides some information and strategies to help people with hearing loss, their families, friends, and co-workers communicate more effectively. The brochure focuses on practical strategies, including informing people about one's hearing loss, setting up good environments for communication (proper lighting, reduction in background noise, appropriate seating, rules for communicating), and tips for family members and others who want to assist in a good communication process. The brochure reminds readers that hearing loss can have an isolating effect. The brochure includes a checklist of symptoms that readers can use to reveal a hearing loss. The brochure is primarily aimed at elderly readers and is illustrated with full color photographs.

Subject Category: Hearing.

Descriptors: Hearing Loss. Communication Strategies. Interpersonal Relations. Psychosocial Factors. Conversation. Hearing Aids. Listening Skills. Speechreading. Family. Symptoms. Risk Factors. Assistive Listening Devices.

9. **Specialized Services to Children Who Are Deaf or Hard of Hearing and Their Families.**

Source: Boston, MA: Massachusetts Commission for the Deaf and Hard of Hearing (MCDHH). 200x. [2 p.].

Availability: Available from Massachusetts Commission for the Deaf and Hard of Hearing (MCDHH). 210 South Street, Fifth Floor, Boston, MA 02111-2725. (800) 882-1155 or (617) 695-7500. TTY/TDD (800) 530-7570 or (617) 695-7600. Fax: (617) 695-7599. Website: www.mcdhh.state.ma.us. PRICE: Single copy free.

Language: English.

Abstract: This brochure, produced by the Massachusetts Commission for the Deaf and Hard of Hearing (MCDHH), describes specialized services

offered to children who are deaf or hard of hearing and their families. The MCDHH is the primary state agency serving children and adults who are deaf or hard of hearing; a range of services is provided from birth through transition into adult services. Deaf parents who need services for their hearing children (with issues involving language development or education) can also utilize children's specialist services. The brochure describes the services provided by this agency, including parent education, identification of intervention strategies, a centralized resource for objective information, general guidance and counseling, information about specialized and supportive services available, technical assistance, provision of assistance, information about and referral to recreational and social activities, information to parents on how to link with other parents, and general case management services. All children's specialists at MCDHH are fluent in ASL and English. The back of the brochure lists the contact information for the main offices in Boston, and the regional offices in Worcester (central) and in Springfield (western).

Subject Category: Hearing.

Descriptors: Hearing Loss. Psychosocial Factors. Parent-Child Relations. Children. Hearing Impaired Persons. Deaf Persons. Social Services. Family Centered Care. Delivery of Health Care. Social Workers. Family. Symptoms. Risk Factors. Assistive Listening Devices. Education of the Hearing Impaired. Information Resources. Language Development. Massachusetts.

10. **First Contact: Information for Professionals About Hearing Loss.**

Source: Boston, MA: Massachusetts Commission for the Deaf and Hard of Hearing (MCDHH). 200x. [2 p.].

Availability: Available from Massachusetts Commission for the Deaf and Hard of Hearing (MCDHH). 210 South Street, Fifth Floor, Boston, MA 02111-2725. (800) 882-1155 or (617) 695-7500. TTY/TDD (800) 530-7570 or (617) 695-7600. Fax: (617) 695-7599. Website: www.mcdhh.state.ma.us. PRICE: Single copy free.

Language: English.

Abstract: This brochure, produced by the Massachusetts Commission for the Deaf and Hard of Hearing (MCDHH), was developed for professionals caring for people with or at risk of developing a hearing loss. Hearing professionals need to be aware of the signs, symptoms, or behaviors of a hearing loss in order to make a proper diagnosis and referral. The brochure stresses that undiagnosed hearing loss has a high cost to individuals, families, and society. Even people with mild hearing loss feel the impact in their ability to communicate effectively, particularly in the presence of background noise. They report feeling isolated, which causes stress. Hearing loss can cause even the most conscientious patient to misunderstand physician's instructions, which can result in serious health problems. The brochure reviews the provisions of the Americans with Disabilities Act (ADA) and professional compliance requirements, offers strategies to undertake when there is suspicion of a hearing loss, and reviews the issue of hidden hearing loss in children. The brochure also notes that some medications can cause hearing loss and lists the major drug groups that are implicated. The brochure concludes with a list of the signs, symptoms, and behaviors that may signal a hearing loss.

Subject Category: Hearing.

Descriptors: Hearing Loss. Communication Strategies. Interpersonal Relations. Psychosocial Factors. Professional-Patient Relations. Symptoms. Delivery of Health Care. Communication Disorders. Hearing Aids. Listening Skills. Speechreading. Family. Americans With Disabilities Act. Risk Factors. Assistive Listening Devices. Ototoxicity. Behavior. Complications.

11. **Hearing Aid Technology and Hearing Loss.**

Source: Boston, MA: Massachusetts Commission for the Deaf and Hard of Hearing (MCDHH). 200x. [2 p.].

Availability: Available from Massachusetts Commission for the Deaf and Hard of Hearing (MCDHH). 210 South Street, Fifth Floor, Boston, MA 02111-2725. (800) 882-1155 or (617) 695-7500. TTY/TDD (800) 530-7570 or (617) 695-7600. Fax: (617) 695-7599. Website: www.mcdhh.state.ma.us. PRICE: Single copy free.

Language: English.

Abstract: This brochure, produced by the Massachusetts Commission for the Deaf and Hard of Hearing (MCDHH), was developed for people with hearing loss who need information about hearing aids and assistive technology that is compatible with hearing aids. One of the goals of the MCDHH is to provide information so that people with a hearing loss who

might benefit from these kinds of technology can use it and enhance their ability to communicate effectively. The brochure begins with a summary of the incidence and prevalence of hearing loss in Massachusetts and how assistive listening devices may be of use. The brochure then reviews factors influencing the choice of a particular hearing aid, and outlines features that consumers should ask about when purchasing a hearing aid. These features include telecoil (T switch or telephone switch), direct audio input (DAI), remote control, hearing aid batteries, ear molds, hearing aid and ear mold colors, directional microphones, binaural hearing aids, trial period, hearing aid insurance, hearing aid orientation (training), hearing aid warranty, other assistive listening and alerting devices, realistic expectations, qualifications of the clinician, rehabilitative options, loaner hearing aid policy, hearing aid feedback, digital versus analog hearing aids, and the nature of the person's hearing loss. The brochure is illustrated with full color photographs.

Subject Category: Hearing.

Descriptors: Hearing Loss. Assistive Listening Devices. Hearing Aids. Consumer Awareness. Guidelines. Communication Strategies. Technology. Alerting Devices. Care and Maintenance. Hearing Aid Dispensing. Hearing Aid Batteries. Delivery of Health Care. Quality of Care. Patient Education. Telephone. Amplification. Aural Rehabilitation.

12. *Your Baby's Hearing: It Is Never Too Early to Test Your Baby's Hearing.*

Source: Washington, DC: American Academy of Audiology (AAA). 200X. 2 p.

Availability: Available from the American Academy of Audiology (AAA). 8300 Greensboro Drive, Suite 750, McLean, VA 22102-3611. Voice/TTY (800) AAA-2336. PRICE: Single copy free; contact for bulk prices.

Language: English.

Abstract: This brochure, written for parents, emphasizes the importance of knowing the warning signs of hearing loss in an infant. The brochure encourages parents to become familiar with the signs of normal hearing; charts list these milestones for a baby from birth to 3 months, 3 to 6 months, and 6 to 12 months. Conditions often associated with hearing loss in infants are listed and information is provided on what to do if a hearing loss is suspected. The brochure emphasizes that if a baby has a hearing loss, important learning experiences will be missed. The brochure is illustrated with three full-color photographs of babies having their ears examined and their hearing tested.

Subject Category: Hearing.

Descriptors: Hearing. Hearing Loss. Infants. Parent Education. Symptoms. Diagnosis. Child Development. Language Development. Early Identification. Early Intervention. Diagnostic Tests. Risk Factors.

13. *Minnie Pearl Scholarship Program.*

Source: Nashville, TN: Ear Foundation. 200X. 4 p.

Availability: Available from Minnie Pearl Foundation Program, The EAR Foundation. Web site: www.earfoundation.org. PRICE: Free for download online only.

Language: EN.

Abstract: This scholarship is named for country music entertainer Sarah Cannon (now deceased), also known as Minnie Pearl. Ms. Cannon (Minnie Pearl) was instrumental in assisting The EAR Foundation in establishing the Minnie Pearl Scholarship Fund in 1986. This online brochure describes the Minnie Pearl Scholarship Program of the Ear Foundation at Baptist Hospital in Nashville, Tennessee. The Scholarship was established to offer students with hearing impairment the opportunity to obtain financial assistance for higher education. The scholarship is also designed to enable these exceptional students the opportunity to continue to function as productive individuals in a hearing world. The brochure provides profiles of scholarship recipients that include activities, college, and college major, and photographs.

Subject Category: Hearing.

Descriptors: Hearing Impaired Persons. Deaf Persons. College Students. College Education. Financial Aid. Academic Development.

14. *AG Bell Publications Catalog.*

Source: Washington, DC: Alexander Graham Bell Association for the Deaf. 200x. [48 p.].

Availability: Available from Alexander Graham Bell Association for the Deaf. Publication Sales Department, 3417 Volta Place, NW, Washington, DC 20007-2778. Voice/TTY (202) 337-5221. Voice: (866) 337-5220. Fax:

(202) 337-8314. Website: www.agbell.org. PRICE: Single copy free.

Language: English.

Abstract: This annually published catalog lists texts, brochures, audiovisual materials, and software available in the field of auditory-oral education from the Alexander Graham Bell Association for the Deaf. The A.G. Bell Association is dedicated to empowering persons with hearing impairments to function independently by promoting universal rights and optimal opportunities to learn and maintain verbal communication. Product categories include audiological management, language and speech development, communication approaches, educational management, parents and families, legal issues, adult rehabilitation. The catalog includes ordering information and prices, as well as membership information for the A.G. Bell Association.

Subject Category: Hearing.

Descriptors: Auditory-Oral Method. Information Resources. Organizations. Hearing Impaired Persons. Deaf Persons. Assistive Devices. Assistive Listening Devices. Educational Methods. Early Identification. Communication. Curriculum. Family. Legal Factors.

15. *Preventing Hearing Loss and Tinnitus.*

Source: Rockville, MD: American Speech-Language-Hearing Association (ASHA). 199x. [2 p.].

Availability: Available from American Speech-Language-Hearing Association (ASHA). Product Sales, 10801 Rockville Pike, Rockville, MD 20852. (888) 498-6699. TTY (301) 897-0157. Website: www.asha.org. PRICE: \$3.95 for 10 brochures plus shipping and handling.

Language: English.

Abstract: This brochure, from the American Speech-Language-Hearing Association (ASHA), describes the problem of hearing loss and the importance of lifestyle and health strategies to delay or prevent its occurrence. The brochure emphasizes that prevention and early identification of and intervention for hearing loss are crucial for developing, maintaining, or improving communication and quality of life. The brochure outlines three major factors that can cause hearing loss (noise, physical trauma, and disease, heredity and medications); in each category, the brochure describes the source of the problem and then outlines specific prevention strategies. A second section describes tinnitus (ringing or buzzing in the ears) and notes its causes and prevention strategies. The brochure concludes with a description of the work that audiologists perform in evaluating and treating hearing loss, the professional education that audiologists have completed, and how to find an ASHA certified audiologist. The brochure is illustrated with full color photographs of a variety of people engaged in activities of everyday life. 5 figures.

Subject Category: Hearing.

Descriptors: Hearing Loss. Tinnitus. Etiology. Prevention. Noise Induced Hearing Loss. Trauma. Drug Effects. Heredity. Infections. Hearing Evaluation. Audiologists. Audiology. Recreation. Quality of Life.

16. *Hearing Aids and Audiology Services: A Sound Solution to Improved Communication.*

Source: Rockville, MD: American Speech-Language-Hearing Association (ASHA). 199x. [16 p.].

Availability: Available from American Speech-Language-Hearing Association (ASHA). Product Sales, 10801 Rockville Pike, Rockville, MD 20852. (888) 498-6699. TTY (301) 897-0157. Website: www.asha.org. PRICE: \$0.50 each for 1-99 or \$0.45 each for 100 and over plus shipping and handling.

Language: English.

Abstract: This illustrated brochure uses a question and answer format to provide people who have hearing loss with information about hearing loss, hearing aids, and audiology services. The brochure outlines the signs of hearing loss, the credentials of an audiologist, and the services an audiologist is qualified to provide. Other topics include the information that a person will obtain from a hearing evaluation, the regulations concerning the need for a medical clearance prior to buying hearing aids, and the improvements people using hearing aids can expect when using the telephone or listening to sound systems in public places. The brochure answers questions on whether hearing aids will eliminate all communication problems, whether there are other hearing devices that will help a person hear with or without hearing aids, and whether all hearing aids are the same. In addition, the brochure describes the features of the in the canal and completely in the canal aids, in the ear aids, and behind the ear aids. Remaining topics include the cost of

hearing aids, the sources of hearing aids, insurance coverage for hearing aids, a trial period for hearing aid use, and the steps involved in determining whether hearing aids can be beneficial.

Subject Category: Hearing.

Descriptors: Hearing Loss. Hearing Aids. Equipment and Supplies. Hearing Aid Dispensing. Audiologists. Hearing Evaluation. Consumer Information. Assistive Listening Devices. Communication Strategies. Telephone. Costs. Health Insurance. Quality of Life. Communication Disorders. Adjustment. Patient Selection. Patient Education.

17. **Don Johnston: Solutions for Students With Disabilities.**

Source: Volo, IL: Don Johnston, Inc. 200x. 63 p.

Availability: Available from Don Johnston, Inc. 26799 West Commerce Drive, Volo, IL 60073. (800) 999-4660. Fax: (847) 740-7326. PRICE: Single copy free.

Language: English.

Abstract: This catalog lists products designed to enhance literacy, communication, and computer access for people with special needs. Products listed include word processors, software for emergent literacy, single switch software, interactive CD-ROM programs, symbol sets on the Macintosh, alternative keyboards, assistive hardware, Apple II products, switches and mounting systems, symbol sets and communication, resource materials, and assessment materials. Products are described in detail and illustrated with full-color photographs; pricing information and system requirements are noted.

Subject Category: Hearing. Language.

Descriptors: Communication Devices. Augmentative and Assistive Communication Devices. Speech Enhancement Devices. Equipment and Supplies. Software. Writing. Reading Skills. Literacy. Instructional Materials.

18. **NFSS Communications [Assistive Listening Devices Catalog].**

Source: Silver Spring, MD: Nationwide Flashing Signal Systems, Inc. 200x. [25 p.]

Availability: Available from Nationwide Flashing Signal Systems, Inc. 8120 Fenton Street, Silver Spring, MD 20910. Voice/TTY (888) 589-6670. Fax: (301) 589-5153. E-mail: sales@nfss.com. Website: www.nfss.com. PRICE: Single copy free.

Language: English.

Abstract: This catalog lists assistive devices available through the Nationwide Flashing Signal Systems (NFSS) company. Products listed include: telecommunication devices (TTYs), a voice/TTY answering machine, the ADA compliance hotel kit, CUP-LER, doorbell and phone signalers, doorbell and phone accessories, wireless receivers, a wireless baby cry signaler, Alertmaster wireless notification system, smoke detectors, a hard-wired fire bell visual system, a wireless vibrating personal pager, a door knock beacon, wake-up alarm systems, special devices for the hard of hearing, the Audiolink personal listening system, and the ILY vase. Each item is described and illustrated with a black-and-white photograph; a separate price list and order form is included. The catalog also includes information about books, videos and software. NFSS also has an authorized repair center and can repair assistive devices such as closed caption decoders, alerting devices, and answering machines.

Subject Category: Hearing. Speech.

Descriptors: Hearing Loss. Deaf Persons. Hearing Impaired Persons. Equipment and Supplies. Assistive Devices. TDD-TT. Amplifiers. Assistive Listening Devices. Telecommunication. Telephone. Tactile Aids. Alerting Devices.

19. **Super Duper Publications: Fun Speech and Language Materials.**

Source: Greenville, SC: Super Duper Publications. 200x. 193 p.

Availability: Available from Super Duper Publications. Department SD 2000, P.O. Box 24997, Greenville, SC 29616-2497. (800) 277-8737. Fax: (800) 978-7379. E-mail: custserv@superduperinc.com. Website: www.superduperinc.com. PRICE: Single copy free.

Language: English.

Abstract: This brightly-colored catalog from Super Duper Publications offers speech and language materials for speech language pathologists and audiologists. It includes materials for articulation and phonology, augmentative communication, better speech and hearing, language skills, math skills, rehabilitation, motivation, oral motor skills, and sign language.

These materials include books, equipment and supplies, games, Hanen Program resources, open-ended game boards, posters, bulletin boards, prizes, workbooks, stickers, tests, and Webber cards. Each item has an illustration with a full-color photograph or a line drawing, a description that includes the recommended grade level, and the pricing information. An order form and ordering instructions are also provided.

Subject Category: Hearing. Speech. Language. Balance. Voice.

Descriptors: Equipment and Supplies. Instructional Materials. Speech Language Pathology. Audiology. Rehabilitation. Patient Care Team. Language Skills. Mathematics. Motivation. Games. Motor Skills. Psychosocial Factors. Professional-Patient Relations. Sign Language. Assessment Instruments. Audiovisual Materials.

20. **Free Call, Free Consultation, Free Information To Help Business, Government Services, and Places of Public Accommodation Meet the Requirements of the Americans With Disabilities Act of 1990 (ADA).**

Source: Morgantown, WV: Job Accommodation Network. 200x. [2 p.]

Availability: Available from Job Accommodation Network. West Virginia University, P.O. Box 6080, Morgantown, WV 26506-6080. Voice/TTY: (800) 526-7234. E-mail: jan@jan.icdi.wvu.edu. Website: www.jan.wvu.edu. PRICE: Single copy free.

Language: English.

Abstract: This brochure describes the Job Accommodation Network (JAN), an international toll free consulting service that provides information about job accommodation and the employability of people with functional limitations. This brochure focuses on the ADA WORK calling line, staffed by the JAN, which offers information on reasonable accommodations, assistance in construction and renovation specifications, and referral to other Americans with Disabilities Act (ADA) information agencies. The ADA WORK line is designed to help businesses, government services, and places of public accommodation meet the requirements of the ADA (1990). Answered by professional consultants, the ADA WORK line can offer technical information about requirements of barrier free access and other issues; ideas on how to change applicant interviewing procedures, job descriptions, and employment policies; information about thousands of manufactured products; and current information about other service agencies, training programs, and funding sources. The ADA WORK line number is 800-232-9675 (voice or TTY). The brochure includes a tear off business card with the telephone number of the ADA WORK line.

Subject Category: Hearing. Speech. Language.

Descriptors: Americans With Disabilities Act. Employment. Guidelines. Accommodations. Workplace. Disabilities. Information Resources. Legal Factors. Training Programs. Communication Disorders. Accommodations. Accessibility. Costs. Hearing Loss. Speech Disorders. Language Disorders. Physical Disabilities.

21. **Free Call, Free Consultation, Free Information About Job Accommodation Strategies and the Employability of People With Disabilities.**

Source: Morgantown, WV: Job Accommodation Network. 200x. [2 p.]

Availability: Available from Job Accommodation Network. West Virginia University, P.O. Box 6080, Morgantown, WV 26506-6080. Voice/TTY (800) 526-7234. E-mail: jan@jan.icdi.wvu.edu. Website: www.jan.wvu.edu. PRICE: Single copy free.

Language: English.

Abstract: This brochure describes the Job Accommodation Network (JAN), an international toll free consulting service that provides information about job accommodation and the employability of people with functional limitations. This brochure explains how the JAN can help employees, employers, and others understand reasonable accommodations as defined by the Americans with Disabilities Act (ADA, 1990). The services offered by JAN include toll free lines in the United States and Canada; services in English, French or Spanish (voice or TTY); consultants who are knowledgeable about a wide range of functional limitations and capabilities of persons with disabilities; information about accommodation strategies, methods, and manufactured devices; information in special formats (braille, large print, tape, disk); and a website that includes documents on accommodation ideas, the ADA and related topics, links to other useful sites, and an e-mail option. The brochure reminds readers of the potential benefits of job accommodations. The JAN number is 800-526-7234 (voice or TTY). The brochure includes a tear off business card with the telephone number of

the JAN, and a postage paid card with which readers can request additional information.

Subject Category: Hearing. Speech. Language.

Descriptors: Americans With Disabilities Act. Employment. Guidelines. Accommodations. Workplace. Disabilities. Information Resources. Consumer Information. Legal Factors. Training Programs. Communication Disorders. Accommodations. Accessibility. Costs. Hearing Loss. Speech Disorders. Language Disorders. Physical Disabilities.

22. **MUMS National Parent-To-Parent Network: List of Disorders.**

Source: Green Bay, WI: Mothers United for Moral Support, Inc. (MUMS). 200X.

Availability: Available from Mothers United for Moral Support, Inc. (MUMS). 150 Custer Court, Green Bay, WI 54301-1243. 877-336-5333 (Parents Only); 920-336-5333; Fax: 920-339-0995. E-mail: mums@netnet.net. Web site: www.netnet.net/mums/ PRICE: Single copy free.

Language: EN.

Abstract: This listing of disorders represents the diagnoses of the children of families who are registered with the MUMS (Mothers United for Moral Support) National Parent-to-Parent Network. After each named disorder, a number in parentheses indicates the number of children in the MUMS group with that specific disorder or condition. An asterisk after the disorder name means that there is a national or international support group for that specific disorder or related disorders. The disorders are listed alphabetically and some appear under more than one medical name. It is MUMS' hope that by matching families, parents can mutually support one another emotionally, exchange valuable medical information they have gathered, and alleviate the feelings of being alone. Among some of the communication disorders related conditions, the listing lists aphasia, cleft lip and palate, craniofacial anomalies, deafness, dystonia, Ehlers-Danlos syndrome, hemifacial microsomia, Landau-Kleffner Syndrome, oral-facial-digital Syndrome, tinnitus, vocal cord paralysis, and Waardenburg Syndrome.

Subject Category: Hearing. Speech. Language. Balance.

Descriptors: Deafness. Congenital Anomalies. Children. Support Groups. Family. Organizations. Information Resources. Genetic Disorders. Balance Disorders. Aphasia. Cleft Lip. Cleft Palate. Craniofacial Anomalies. Landau-Kleffner Syndrome. Pierre Robin Syndrome. Nystagmus. Speech Disorders. Tinnitus.

23. **Speech and Language Rehabilitation Products.**

Source: Dedham, MA: AliMed, Inc. 200x. 80 p.

Availability: Available from AliMed, Inc. 297 High Street, Dedham, MA 02026. (800) 225-2610. Fax: (800) 437-2966. PRICE: Single copy free.

Language: English.

Abstract: This regularly updated catalog lists materials for speech language therapy. Materials are presented in categories such as aphasia and stroke, communication, cognitive rehabilitation, daily living skills, elderly and dementia, dysphagia and oral motor problems, speech and voice, rehabilitation resources, and traumatic brain injury (TBI). Each product is described and illustrated with a full-color photograph; pricing information is included. The catalog includes assessment materials and therapeutic items.

Subject Category: Language. Speech. Hearing. Voice.

Descriptors: Speech Language Therapy. Instructional Materials. Equipment and Supplies. Diagnosis. Speech Disorders. Language Disorders. Diagnostic Tests. Aphasia. Stroke. Augmentative and Alternative Communication. Cognitive Rehabilitation. Independent Living Skills. Dysphagia. Alzheimers Disease. Brain Trauma.

24. **Communicating in the Real World.**

Source: Stow, OH: Interactive Therapeutics, Inc. 200x. 27 p.

Availability: Available from Interactive Therapeutics, Inc. P.O. Box 1805, Stow, OH 44224-0805. (800) 253-5111 or (216) 688-1371; Fax: (330) 923-3030; E-mail: winteract@aol.com. PRICE: Single copy free.

Language: English.

Abstract: This catalog presents products available from Interactive Therapeutics, a company offering products designed to assist professionals in speech therapy, nursing, social service, and rehabilitation services. Sections include new products, corporate speech pathology, images-oral exercises, counseling materials, dysphagia management,

communicators (visual aids, workbooks and flipcharts supporting everyday communication), products in Spanish, audiology, and cognitive skills. Each product is described and illustrated with a line drawing or a reproduction from the product; pricing information is included. Many products are available in both English and Spanish.

Subject Category: Speech. Hearing. Language.

Descriptors: Speech Language Disorders. Speech Language Therapy. Instructional Materials. Equipment and Supplies. Communication Therapy. Communication Skills. Dysphagia. Audiology. Cognitive Behavior Therapy. Activities of Daily Living. Lifestyle.

25. **Communication for a Lifetime: Speech, Language, and Hearing in the Older Adult.**

Source: Rockville, MD: American Speech-Language-Hearing Association (ASHA). 200x. 12 p.

Availability: Available from American Speech-Language-Hearing Association (ASHA). Product Sales, 10801 Rockville Pike, Rockville, MD 20852. (888) 498-6699. TTY (301) 897-0157. Website: www.asha.org. PRICE: \$4 for 10, plus shipping and handling. Item Number: 0210105.

Language: English.

Abstract: This brochure reviews the typical changes in communication abilities that can accompany aging. The brochure emphasizes that knowing about speech, language, and hearing disorders can prevent or reduce the impact of any losses and enhance the ability to continue a happy and healthy life. The brochure offers facts about aging and hearing loss, including the statistics of hearing loss, its typical causes, and the impact of hearing loss on everyday life. The brochure then reviews the same type of information for speech and language disorders, including aphasia (reduced understanding of language), dysarthria (a nervous system of muscle disorder that makes speech hard for others to understand), apraxia of speech (difficulty coordinating the muscles of speech), cognitive communication impairments, laryngectomy (removal of the larynx, or voice box), and dysphagia (swallowing disorder). The brochure concludes by encouraging readers who have concerns about speech language or swallowing impairments to consult a speech language pathologist for an evaluation and appropriate recommendations. The brochure briefly summarizes the role of audiologists and speech language pathologists, and how to find an appropriate certified professional. The contact information for the American Speech Language Hearing Association (ASHA) is provided.

Subject Category: Speech. Language. Hearing.

Descriptors: Aging. Aged. Communication Disorders. Speech Disorders. Language Disorders. Hearing Loss. Presbycusis. Dysarthria. Apraxia. Dysphagia. Laryngectomy. Aphasia. Speech Language Therapy. Diagnosis. Symptoms. Etiology. Epidemiology. Risk Factors.

26. **Products Catalog.**

Source: Rockville, MD: American Speech-Language-Hearing Association (ASHA). 200x. 104 pp.

Availability: Available from American Speech-Language-Hearing Association (ASHA). Product Sales, 10801 Rockville Pike, Rockville, MD 20852. (888) 498-6699. TTY (301) 897-0157. Website: www.asha.org. PRICE: Single copy free.

Language: English.

Abstract: This annually published catalog describes products and supplies available from the American Speech-Language-Hearing Association (ASHA). Available items include continuing education products, technical information packets, consumer posters, brochures, and booklets, assessment tools, and reference materials. The catalog provides photographs of many of the products and includes pricing information, a title index, and an order form.

Subject Category: Speech. Language. Hearing.

Descriptors: Speech. Language. Hearing. Equipment and Supplies. Curriculum. Training. Therapy. Counseling. Children. Patient Education. Information Resources. Instructional Materials. Audiovisual Materials.

27. **Brookes Publishing Catalog.**

Author(s): Brookes Publishing Co.

Source: Baltimore, MD. Brookes Publishing Co. 200x. 88 pp.

Availability: Available from Brookes Publishing Co. P.O. Box 10624, Baltimore, MD 21285-0624. (800)638-3775; (410)337-9580; Fax: (410)337-8539. E-mail: custserv@brookespublishing.com. Website: <http://www.pbrookes.com/>.

Language: English.

Abstract: Text books, tools, and videos on education, development, disabilities and family issues.

Subject Category: Hearing. Language. Speech.

Descriptors: Patient Resources. Professional Resources. Teaching Aids. Parent Resources. Disabilities. Autism. Behavior Disorder. Language Disorder. Special Education. Childhood Disabilities.

28. **Children and Tinnitus.**

Author(s): Coles, R., Hazell, J.

Source: London, England: Royal National Institute for Deaf People. 200x. [2 p.].

Availability: Available from RNID Helpline. P.O. Box 16464, London EC1Y 8TT, United Kingdom. 0870 60 50 123. Fax: 0171 296 8199. E-mail: helpline@rnid.org.uk. Website: www.rnid.org.uk. PRICE: Single copy free.

Language: English.

Abstract: The incidence of tinnitus (a ringing or buzzing noise in the ears) may be greater among children than in adults, particularly among children with some degree of hearing loss. This fact sheet offers information about children and tinnitus. The fact sheet, from the British based Royal National Institute for Deaf People (RNID), first discusses the prevalence rates of tinnitus in children, the symptoms in children (which tend to be intermittent), risk factors for becoming aware of or bothered by the tinnitus, the need to reassure parents of children with tinnitus (children are often not bothered by their own tinnitus), and the association of tinnitus with otitis media with effusion (middle ear infection, called 'glue ear' in the British literature). The fact sheet then details the causes of tinnitus, including Meniere's disease, spontaneous emissions of tones, temporary conductive deafness, noise-induced tinnitus, and hearing loss with recruitment; and treatment options, including tinnitus maskers, hearing aids, and tinnitus retraining therapy (TRT). 1 reference.

Subject Category: Hearing.

Descriptors: Tinnitus. Therapy. Symptoms. Children. Etiology. Patient Education. Hearing Loss. Patient Care Management. Risk Factors. Parent Education. Otitis Media With Effusion. Ear Infections. Noise. Conductive Deafness. Masking. Hearing Aids. Behavior Modification.

29. **Developing English Skills and Knowledge Program Handbook.**

Author(s): Rohloff, J. M.

Source: Knoxville, TN: Postsecondary Education Consortium (PEC). 200x. 52 p.

Availability: Available from PEPNet Resource Center. National Center on Deafness, California State University, Northridge, 18111 Nordhoff Street, Northridge, CA 91330-8267. Voice/TTY: (888) 684-4695 or (818) 677-2611. Fax: (818) 677-4899. Website: www.pepnet.org. PRICE: Single copy free.

Language: English.

Abstract: This handbook describes the Developing English Skills and Knowledge (DESK) Program at the Louisiana State University (LSU), an effort designed to assist deaf and hard of hearing students in making a smooth transition from high school to post secondary institutions. The DESK Program focuses exclusively on English skills and is offered to four high school English classes at the Louisiana School for the Deaf. This handbook describes the ten workshops used in the DESK program. Each chapter consists of objectives, materials, preparation (when necessary), procedure, and comments. The chapters cover getting acquainted, beginning to evaluate, continuing to evaluate, revising the evaluation essay, essay introductions, beginning to compare or contrast, continuing to compare or contrast, drafting the comparison or contrast essay, working one on one with students, and the college visit and follow up. Each chapter offers specific, detailed strategies for working with the students and helping them to develop their writing skills. Supplementary materials, many of which are meant to be duplicated in the form of handouts or overhead transparencies, are also included.

Subject Category: Hearing.

Descriptors: English Language. Language Arts. Curriculum. Guidelines. Education of the Hearing Impaired. Deaf Persons. Hearing Impaired Persons. High School. Secondary Education Programs. Classroom. Writing Skills. Writing. Language Development. Language Instruction. Language Skills.

30. **Cued Speech Discovery! Catalog 2004-2005.**

Author(s): The National Cued Speech Association.

Source: Cleveland, OH: National Cued Speech Association. 200x. 16pp.

Availability: Available from National Cued Speech Association. 23970 Hermitage Road, Cleveland, OH 44122-4008. Voice/TTY: (800) 459-3529 or (216) 292-6213. E-mail: info@cuedspeech.com. Web site: www.cuedspeech.com. PRICE:.

Language: English.

Abstract: This catalog contains resources for parents, educators and clinicians including workbooks, resource materials, and games in formats that include computer software, audiovisuals (CD's, DVD's and videotapes), and print. The catalog also offers gift products.

Subject Category: Language. Speech. Hearing.

Descriptors: Hearing Disorder. Speech Disorder. Speechreading. Speech Development Resources. Deafness. Sign Language. Speech-Language Pathology. Speech Therapy. Communication Aid. Language Development.

31. **Ear Anatomy Poster.**

Source: American Academy of Audiology. Reston, VA. 2002.

Availability: Available from the American Academy of Audiology. Publications, 11730 Plaza America Drive, Suite 300, Reston, VA 20190. Voice: 800-AAA-2336; 703-790-8466. Fax: 703-790-8631. Web site: <http://www.audiology.org/store>. PRICE: Small Poster (8.5" x 11"). Pkgs. of 100, Members: \$30; Non-Members: \$35. Large posters (11" x 22"). Single copy, Members: \$4.50; Non-Members: \$7.

Language: English.

Abstract: This full-color illustration is an updated version of the classic Zenith Ear Chart by Ernest W. Beck. Available in two sizes.

Subject Category: Hearing.

Descriptors: Anatomy. Audiology. Poster. Human Ear.

32. **Hearing Loss?**

Source: American Academy of Audiology. Reston, VA. 2002.

Availability: Available from the American Academy of Audiology. Publications, 11730 Plaza America Drive, Suite 300, Reston, VA 20190. Voice: (800) AAA-2336; (703) 790-8466. Fax: (703) 790-8631. Web site: <http://www.audiology.org/store>. PRICE: Pkgs. of 100. Members: \$40; Non-Members: \$50.

Language: English.

Abstract: This full-color educational patient brochure on hearing loss includes indicators for detecting hearing loss, reasons why the patient may be unaware of a hearing loss, general information on hearing aids, the Hearing Health Quick Test, and room on the back for the physician's practice's contact information. 8-page fold-out.

Subject Category: Hearing.

Descriptors: Hearing Loss. Audiology. Hearing Self-test. Screening. Patient Resource.

33. **HIV/AIDS Related Hearing Loss.**

Source: American Academy of Audiology. Reston, VA. 2002.

Availability: Available from the American Academy of Audiology. Publications, 11730 Plaza America Drive, Suite 300, Reston, VA 20190. Voice: (800) AAA-2336; 703-790-8466. Fax: (703) 790-8631. Web site: <http://www.audiology.org/store>. PRICE: Pkgs. of 100. Members: \$25; Non-Members: \$30.

Language: English.

Abstract: Intended for anyone concerned about this issue for themselves, a family member or a friend, this brochure discusses the connection between HIV/AIDS and hearing loss and explains how this type of hearing loss can be prevented, what treatments are available, and why it is crucial for HIV/AIDS patients with hearing loss to work closely with an audiologist. 6-page fold-out.

Subject Category: Hearing.

Descriptors: Hearing Loss. HIV/AIDS. Treatment. Rehabilitation.

34. **Audiogram of Familiar Sounds.**

Source: American Academy of Audiology. Reston, VA. 2002.

Availability: Available from the American Academy of Audiology. Publications, 11730 Plaza America Drive, Suite 300, Reston, VA 20190.

Voice: 800-AAA-2336; 703-790-8466. Fax: (703) 790-8631. Web site: <http://www.audiology.org/store>. PRICE: (Pkgs. of 100), Members: \$25; Non-Members: \$30.

Language: English.

Abstract: This chart illustrates the frequency and intensity of general English sounds made during normal conversational speech relative to common environmental sounds. Black and white. Single sheet.

Subject Category: Hearing.

Descriptors: Audiology. Hearing. Communication. Sound Frequency. Chart.

35. *Balance, Dizziness, and You.*

Source: Bethesda, MD: National Institute on Deafness and Other Communication Disorders (NIDCD), National Institutes of Health (NIH).

Availability: Available from NIDCD Information Clearinghouse. 1 Communication Avenue, Bethesda, MD 20892-3456. Voice: (800) 241-1044. TTY (800) 241-1055. Fax: (301) 907-8830. E-mail: nidcdinfo@nidcd.nih.gov. Web site: www.nidcd.nih.gov. PRICE: Single copy free.

Language: English.

Abstract: This fact sheet explains balance disorders with common terminology used to describe the disorder, symptoms, and treatments. The document also provides tips for talking to your doctor about your symptoms and includes a form on which you can record medical information that may affect your diagnosis. The fact sheet includes resources and referrals for additional information. 5pp.

Subject Category: Hearing.

Descriptors: Balance Disorders. Dizziness. Patient Resource.

36. *About Deafness/Hearing Loss.*

Source: Washington, DC: National Deaf Education Network and Clearinghouse, Laurent Clerc National Deaf Education Center. 2002. 6 p.

Availability: Available from the National Deaf Education Network and Clearinghouse. KDES PAS-6, 800 Florida Avenue, NE, Washington, DC 20002-3695. Voice/TTY (800) 526-9105 or (202) 651-5340. Fax: (202) 651-5708. E-mail: products.clerccenter@gallaudet.edu. Website: clerccenter.gallaudet.edu. PRICE: \$1 plus shipping and handling. Item Number 085.

Language: English.

Abstract: This fact sheet presents general information about deafness and people who are deaf. The fact sheet first defines the four types of hearing loss, each of which can result in different problems and different possibilities for medical and nonmedical remediation. Educational implications for children are discussed and different communication choices are presented, including American Sign Language, fingerspelling, manual English, oral communication, speechreading, cued speech, simultaneous communication, and total communication. One section about the deaf community and adults who are deaf includes lists of organizations of and for deaf people, educational institutions, special devices and services, and suggested readings. 9 references.

Subject Category: Hearing.

Descriptors: Deafness. Hearing Impaired Persons. Deaf Persons. Education of the Hearing Impaired. Hearing Loss. Children. Adults. Deaf Community. Communication Methods. Sign Language. Oral Communication. Speechreading. Support Services. Assistive Devices. Educational Methods. Therapy. Diagnosis.

37. *Facts About Telecommunications Relay Services.*

Source: Bethesda, MD: National Institute on Deafness and Other Communication Disorders (NIDCD). March 2002. [1 p.].

Availability: Available from National Institute on Deafness and Other Communication Disorders (NIDCD) Information Clearinghouse. 1 Communication Avenue, Bethesda, MD 20892-3456. Voice: (800) 241-1044. TTY (800) 241-1055. Fax: (301) 907-8830. E-mail: nidcdinfo@nidcd.nih.gov. Website: www.nidcd.nih.gov. PRICE: Single copy free.

Language: English.

Abstract: This brochure describes telecommunications relay services and their use by individuals with communication impairments. The brochure describes the services and how they are used, communications assistants (CAs) and their roles, voice carry-over (VCO) and hearing carry-over (HCO) options, and long-distance services. The bulk of the brochure consists of a listing of the statewide relay services in all fifty states.

Subject Category: Hearing.

Descriptors: Telecommunication. Telecommunications Relay Services. Service Delivery. TTY. Equipment and Supplies. Communication Disorders. Communication Methods.

38. *Captions For Deaf and Hard-of-Hearing Viewers.*

Source: Bethesda, MD: National Institute on Deafness and Other Communication Disorders (NIDCD), National Institutes of Health (NIH). July 2002. [4 p.].

Availability: Available from NIDCD Information Clearinghouse. 1 Communication Avenue, Bethesda, MD 20892-3456. Voice: (800) 241-1044. TTY (800) 241-1055. Fax: (301) 907-8830. E-mail: nidcdinfo@nidcd.nih.gov. Website: www.nidcd.nih.gov. PRICE: Single copy free.

Language: English.

Abstract: This fact sheet describes the use of captions, words that are displayed on a television screen that describe the audio or sound portion of a program. Captions allow viewers who are deaf or hard of hearing to follow the dialogue and the action of a program simultaneously. The fact sheet describes how captions are created, the differences between open and closed captions, real time captions, electronic newsroom captions, edited and verbatim captions, rear window captioning, current research, legal factors, captions and the FCC (Federal Communications Commission), requirements for the provision of closed captions, and programs that are exempt from captioning. The fact sheet emphasizes that captions are considered one type of auxiliary aid that may be used to meet the requirements of the Americans With Disabilities Act (ADA, 1990). The fact sheet concludes with a list of information resources related to captioning; Internet sites are listed where available.

Subject Category: Hearing.

Descriptors: Captioning. Television. Accessibility. Hearing Impaired Persons. Closed Captioning. Open Captioning. Deaf Persons. Legal Factors. Americans With Disabilities Act. Guidelines. Information Resources.

39. *Cochlear Implants.*

Source: Bethesda, MD: National Institute on Deafness and Other Communication Disorders (NIDCD), National Institutes of Health (NIH). February 2002. [2 p.].

Availability: Available from NIDCD Information Clearinghouse. 1 Communication Avenue, Bethesda, MD 20892-3456. Voice: (800) 241-1044. TTY: (800) 241-1055. Fax: (301) 907-8830. E-mail: nidcdinfo@nidcd.nih.gov. Website: www.nidcd.nih.gov. PRICE: Single copy free.

Language: English.

Abstract: A cochlear implant electronically finds useful sounds and then sends them to the brain. Hearing through an implant may sound different from normal hearing, but it allows many people to communicate fully with oral communication, both in person and over the telephone. This fact sheet describes the cochlear implant and discusses how these implants work, who gets cochlear implants, how someone can receive a cochlear implant, and the promising advancements in technology and aural rehabilitation. The fact sheet stresses that the decision to receive an implant should involve discussions with many medical specialists and an experienced surgeon. The fact sheet concludes with a list of resource organizations through which readers can obtain additional information.

Subject Category: Hearing.

Descriptors: Cochlear Implants. Technology. Patient Selection. Speech Discrimination. Communication. Assistive Listening Devices. Surgery. Equipment and Supplies. Speech Processors. Aural Rehabilitation.

40. *Leading National Publications of and for Deaf and Hard of Hearing People.*

Source: Washington, DC: National Deaf Education Network and Clearinghouse, Laurent Clerc National Deaf Education Center. 2002. 3 p.

Availability: Available from the National Deaf Education Network and Clearinghouse. KDES PAS-6, 800 Florida Avenue, NE, Washington, DC 20002-3695. Voice/TTY: (800) 526-9105 or (202) 651-5340. Fax: (202) 651-5708. E-mail: products.clerccenter@gallaudet.edu. Website: clerccenter.gallaudet.edu. PRICE: \$1 plus shipping and handling. Item Number 261. An online version is available at the Clerc Center Web site.

Language: English.

Abstract: This bibliography lists leading national magazines, journals,

and other serial publications of and for deaf and hard of hearing people. Each entry includes the voice and TTY telephone numbers and a brief description of the publication. The bibliography also notes pricing information and how to subscribe to each title.

Subject Category: Hearing.

Descriptors: Deafness. Deaf Community. Information Resources. Cultural Factors. Deaf Persons. Hearing Impaired Persons. Hearing Loss. Psychosocial Factors. Bibliography.

41. **Mainstreaming Deaf and Hard of Hearing Students: Questions and Answers. Research, Readings, and Resources.**

Source: Washington, DC: National Deaf Education Network and Clearinghouse, Laurent Clerc National Deaf Education Center. 2002. 39 p.

Availability: Available from the National Deaf Education Network and Clearinghouse. KDES PAS-6, 800 Florida Avenue, NE, Washington, DC 20002-3695. Voice/TTY (800) 526-9105 or (202) 651-5340. Fax: (202) 651-5708. E-mail: products.clerccenter@gallaudet.edu. Website: clerccenter.gallaudet.edu. PRICE: \$6 plus shipping and handling. Item Number 096. An online version is available at the Clerc Center Web site.

Language: English.

Abstract: This booklet discusses the practice of mainstreaming children who are deaf and hard of hearing into classes with children who have normal hearing. The author presents mainstreaming as one educational option and suggests some considerations if a mainstream placement has been selected for a particular child. The author defines and explains the basic distinction between the terms 'deaf' and 'hard of hearing'. The booklet provides an annotated bibliography of recommended books about mainstreaming. In addition, the book includes commonly asked questions and a checklist to help parents explore program options, descriptions of current research projects on mainstreaming being conducted at Gallaudet University, and an annotated resource list of national organizations and agencies with projects and information on mainstreaming. The book does not include discussions of deafness and its educational implications, other educational placements, or various communication approaches. (AA-M).

Subject Category: Hearing.

Descriptors: Mainstreaming. Education of the Hearing Impaired. Educational Setting. Children. Deaf Persons. Hearing Impaired Persons. Information Resources. Classroom. Assistive Listening Devices. Teaching Strategies. Support Services. Legal Factors. Psychosocial Factors.

42. **Sources of Financial Assistance for Students Who Are Deaf and Hard of Hearing.**

Source: Washington, DC: National Deaf Education Network and Clearinghouse, Laurent Clerc National Deaf Education Center. 2002. 16 p.

Availability: Available from the National Deaf Education Network and Clearinghouse. KDES PAS-6, 800 Florida Avenue, NE, Washington, DC 20002-3695. Voice/TTY (800) 526-9105 or (202) 651-5340. Fax: (202) 651-5708. E-mail: products.clerccenter@gallaudet.edu. Website: clerccenter.gallaudet.edu. PRICE: \$1.50 plus shipping and handling. Item Number 390. An online version is available at the Clerc Center Web site.

Language: English.

Abstract: This fact sheet consists of two sections of materials discussing sources of financial assistance for students who are deaf and hard of hearing. The first section reprints a publication from the HEATH Resource Center, a national clearinghouse on postsecondary education for individuals with disabilities. This publication, the 1995 Financial Aid for Students With Disabilities, provides a comprehensive introduction to the financial aid process, discusses disability-related expenses, describes how vocational rehabilitation and financial aid offices work together, suggests other sources for financial assistance, and identifies numerous resources for additional contact information. Part Two of this fact sheet focuses on specific sources of financial assistance for students who are deaf or hearing impaired and for hearing students whose career goals include service to people who are deaf or hard of hearing. In a few cases, scholarship resources are mentioned in both the HEATH publication and the NICD section. All scholarship items in NICD's list (section two) are annotated; for readers who want additional information, addresses are provided. 3 figures. (AA-M).

Subject Category: Hearing.

Descriptors: Students. Deaf Persons. College Education. Financial Aid. Grants. Scholarships. Information Resources. Family. Costs.

Postsecondary Education. Professional Education. Education of the Hearing Impaired.

43. **How's Your Hearing? Ask An Audiologist!**

Source: American Academy of Audiology. Reston, VA. 2002.

Availability: Available from the American Academy of Audiology. Publications, 11730 Plaza America Drive, Suite 300, Reston, VA 20190. Voice: 800-AAA-2336; 703-790-8466. Fax: 703-790-8631. Web site: <http://www.audiology.org/store>. PRICE: Pkgs. of 100. Members: \$40; Non-Members: \$50.

Language: English.

Abstract: This brochure was updated recently and now includes more in-depth information on how hearing is evaluated, what causes hearing loss, how we hear, signs commonly associated with hearing loss, and more. 8-page fold-out.

Subject Category: Hearing.

Descriptors: Hearing. Audiology. Screening. Hearing Test.

44. **Early Childhood Programs at the Clerc Center (Brochure).**

Source: Gallaudet University. Washington, DC. 2002.

Availability: Available from Laurent Clerc National Deaf Education Center. Gallaudet University, 800 Florida Avenue, NE., Washington DC 2002-3695. Voice/TTY: (202) 651-5130. Web site: <http://clerccenter.gallaudet.edu>.

Language: English.

Abstract: This brochure describes the early childhood programs at the Laurent Clerc National Deaf Education Center, at Gallaudet University in Washington, DC. The center offers a range of educational child and child care services to deaf and hard-of-hearing students and their families. The programs consist of the Early Childhood Education Team for deaf and hard-of-hearing children from birth through kindergarten as part of the Kendall Demonstration Elementary School (KDES), a federally funded, tuition-free, national demonstration school; and the Child Development Center (CDC), also located at KDES, a licensed, tuition-based early education and child care service for deaf, hard-of-hearing, and hearing children. The Early Childhood Education Team provides a range of services, such as a Parent-Infant program and a program for toddlers, preschoolers, and kindergartners. The brochure concludes with quotes from parents who have used the services offered by the Early Childhood Programs at the Clerc Center. 8 page fold-out.

Subject Category: Hearing.

Descriptors: Deafness. Deaf Persons. Hard of Hearing Persons. Hearing Impaired Persons. Children. Education of the Hearing Impaired. Early Childhood Education. American Sign Language. Reggio Emilia Approach. Language Development. Classroom. Schools. Educational Setting. School Services. Gallaudet University. Auditory Oral Method. Auditory Verbal Method. Oral Auditory Method. Oral Education. Oral Deaf Education. Elementary School Students. Students.

45. **Alexander Graham Bell Association for the Deaf: Financial Aid Programs.**

Source: Washington, DC: Alexander Graham Bell Association for the Deaf. 2002. 4 pp.

Availability: Available from Alexander Graham Bell Association for the Deaf. 3417 Volta Place, NW, Washington, DC 20007-2778. Voice-TTY: (202) 337-5220. PRICE: Single copy free (send self-addressed, stamped business size envelope, \$0.75 postage).

Language: EN.

Abstract: This fact sheet describes the financial aid programs available through the Alexander Graham Bell Association for the Deaf. Programs described include the Parent/Infant Preschool Services Financial Aid Program, Art and Science Awards, Financial Aid Awards, and Scholarships. For each, the fact sheet outlines the target population for the program, the requirements, and the application deadlines. All programs listed are designed for students and families committed to an auditory-oral philosophy of education.

Subject Category: Hearing.

Descriptors: Hearing Impaired Persons. Children. Education. Financial Aid. Auditory-Oral Method. Oral Education. Preschool Children. Elementary School Students. Eligibility. High School Students.

46. **The Cochlear Implant Education Center (Brochure).**

Source: Gallaudet University. Washington, DC. 2002.

Availability: Available from Cochlear Implant Education Center. Gallaudet University, 800 Florida Avenue, NE., Washington DC 2002-3695. Voice: (202) 651-5638. E-mail: debrs.nussbaum@gallaudet.edu. Web site: <http://clerccenter.gallaudet.edu/CIEC>.

Language: English.

Abstract: The Cochlear Implant Education Center (CIEC) is a unit of the Laurent Clerc National Deaf Education Center on the campus of Gallaudet University. CIEC provides on-site services for students with cochlear implants and gathers and shares information at a national level related to effective strategies to educate and habilitate/rehabilitate students with cochlear implants who also use sign language. Features of the CIEC program are family education, auditory and speech skill training, assistive technology in the classroom, counseling, collaboration with hospital implant centers, and device monitoring. The CIEC is not a surgical implant center. This brochure describes the services of the center and concludes with comments from the CIEC coordinator, Debra Nussbaum. 8 page fold-out.

Subject Category: Hearing.

Descriptors: Cochlear Implants. Assistive Technology. Social Services. Classroom. Language Development. Parent Education. Therapy. Counseling. Patient Care Management. Monitoring. Education. Educational Setting. Educational Methods. Education of the Hearing Impaired. Schools. Deafness. Deaf Persons. Hearing Impaired Persons. Hard of Hearing Persons. Communication Strategies. Communication Methods. Communication Devices. Information Resources. Gallaudet University.

47. **Two Ears Are Better Than One.**

Source: Port Huron, MI: Unitron Industries Ltd. 2002. 2pp.

Availability: Available from Unitron Industries Inc. 3555 Walnut Street, P.O. Box 5010, Port Huron, MI 48061-5010. (800) 521-5400 or (810) 982-0166; Fax: (810) 987-2011. PRICE: Single copy free; bulk orders available.

Language: EN.

Abstract: This brochure provides basic information about binaural hearing aids (wearing a hearing instrument for each ear). Topics covered include the physiology of hearing, and how binaural fittings improve sound localization, listening in noise, and hearing sensitivity. The brochure includes a space for the health care provider's name and address.

Subject Category: Hearing.

Descriptors: Hearing Aids. Hearing Loss. Signal Processing. Assistive Listening Devices. Listening Skills. Hearing. Physiology. Equipment and Supplies.

48. **Signs of Hearing Loss.**

Source: Port Huron, MI: Unitron Industries Ltd. 2002. 2pp.

Availability: Available from Unitron Industries Inc. 3555 Walnut Street, P.O. Box 5010, Port Huron, MI 48061-5010. (800) 521-5400 or (810) 982-0166; Fax: (810) 987-2011. PRICE: Single copy free; bulk orders available.

Language: EN.

Abstract: This brochure provides information about the symptoms of hearing loss. After a brief description of the frequencies of sound, the brochure describes the symptoms of hearing loss in children and hearing loss in adults. In the section on hearing loss in children, the brochure asks readers questions to help ascertain whether or not a hearing loss is present. The brochure briefly explains the treatment options for hearing loss, notably the use of hearing aids. The brochure includes a space for the health care provider's name and address.

Subject Category: Hearing.

Descriptors: Hearing Loss. Symptoms. Adults. Children. Hearing Aids. Risk Factors. Speech Development. Language Development. Psychosocial Factors. Assistive Listening Devices.

49. **Your Baby's Hearing.**

Source: American Academy of Audiology. Reston, VA. 2002.

Availability: Available from The American Academy of Audiology. Publications, 11730 Plaza America Drive, Suite 300, Reston, VA 20190. Voice: (800) AAA-2336; 703-790-8466. Fax: 703-790-8631. Web site: <http://www.audiology.org/store>. PRICE: Pkgs. of 100. Members: \$25; Non-

Members: \$30.

Language: English.

Abstract: Ideal for new parents, this brochure contains information on infant hearing milestones and hearing loss with simple advice for parents. It highlights the importance of normal hearing in babies and encourages parents to seek help from audiologists to request hearing testing. English and Spanish versions. 6-page fold-out.

Subject Category: Hearing.

Descriptors: Infant Screening. Hearing. Hearing Loss. Parent Education.

50. **What Would You Do? Making Decisions, A Survival Guide for Deaf and Hard-of-Hearing Students.**

Source: HiP Publishing Group, <http://www.hipworks.org>. California. 2001.

Availability: Butte Publications. P.O. Box 1328, Hillsboro, OR 97123-1328. Voice/TTY toll-free (866) 312-8883; Voice: (503) 648-9791. Fax: toll-free (866) 412-8883; Fax: (503) 693-9526. E-mail: service@buttepublications.com. Web site: <http://www.buttepublications.com>. PRICE: \$19.

Language: English.

Abstract: This interactive video is intended to encourage discussions among hearing-impaired middle and high school students about peer pressure and conflict resolution. Teacher notes and a scene guide are included with each video. 16-minute, open-captioned video.

Subject Category: Hearing.

Descriptors: Communication. Behavior. Conflict Resolution. Children. Hearing Impaired.

51. **Selecting the Hearing Aids That Are Right for You.**

Source: American Academy of Audiology. Reston, VA. 2002.

Availability: Available from the American Academy of Audiology. Publications, 11730 Plaza America Drive, Suite 300, Reston, VA 20190. Voice: 800-AAA-2336; 703-790-8466. Fax: 703-790-8631. Web site: <http://www.audiology.org/store>. PRICE: Pkgs. of 100. Members: \$40; Non-Members: \$50.

Language: English.

Abstract: This brochure offers a step-by-step guide to purchasing hearing aids and covers a broad range of hearing aid topics including styles, technology, and reasons that consumers should consult an audiologist. The Academy's Pre-Purchase Assessment Guideline for Amplification Devices also is included. 8-page fold-out.

Subject Category: Hearing.

Descriptors: Hearing Aids. Patient Guide. Technology.

52. **Tinnitus.**

Source: American Academy of Audiology. Reston, VA. 2002.

Availability: Available from the American Academy of Audiology. Publications, 11730 Plaza America Drive, Suite 300, Reston, VA 20190. Voice: (800) AAA-2336; (703) 790-8466. Fax: (703) 790-8631. Web site: <http://www.audiology.org/store>. PRICE: Pkgs. of 100. Members: \$40; Non-Members: \$50.

Language: English.

Abstract: Tinnitus often is described by sufferers as a hissing, roaring, or ringing in the ears. This brochure includes detailed information on what causes tinnitus, who suffers from it, what treatments are currently available, and what one can do to minimize its effects. Geared toward patients and their families, the brochure encourages tinnitus sufferers to consult an audiologist who is knowledgeable about tinnitus to help develop a management program. 8-page fold-out.

Subject Category: Hearing.

Descriptors: Tinnitus. Hearing Disorders. Hearing Loss. Masking. Hearing Aids. Counseling. Therapy. Biofeedback. Relaxation. Support Groups. Tinnitus Habituation.

53. **Welcoming a Student With Hearing Loss.**

Source: CLARKE-School for the Deaf, Center for Oral Education. Clarke Mainstream News, Vol. 22, No. 1. Northampton, MA. 2002.

Availability: Available from The Mainstream Center. CLARKE-School for the Deaf. 48 Round Hill Road, Northampton, MA 01060-2124. Voice: (413) 582-1121. Fax: (413) 586-6645. E-mail: mainstream@clarkeschool.org. Web site: <http://www.clarkeschool.org>. PRICE: \$3 per copy for back issues; Subscriptions: \$25 for individuals

and \$75 for schools (8 copies per issue).

Language: English.

Abstract: This article discusses the steps that teachers, school personnel, and parents should take to make a student with hearing loss feel comfortable and welcome in a new school environment. The information is especially directed toward educators who have no experience working with deaf or hard-of-hearing students.

Subject Category: Hearing.

Descriptors: Mainstreaming. Educational Methods. Educational Placement. Hard of Hearing Persons. Hearing Impaired Persons. Deaf Persons. Students. Schools. Classroom. Educators. Education. Students. Elementary School Students. Middle School Students. High School Students. Teachers. Teaching Strategies. Education of the Hearing Impaired. K-12.

54. ***The ABCs in Early Intervention: Ensuring the Best Outcomes for Your Child With a Hearing Loss.***

Source: Oberkotter Foundation. Oral Deaf Education Film and Information Office. Palo Alto, CA. 2002.

Availability: Available from Oral Deaf Education Film and Information Office. P.O. Box 50215, Palo Alto, CA 94303-9465. Voice: (877) ORALDEAF (672-5332). Fax: (877) 672-5889. E-mail: orders@oraldeafed.org. Web site: <http://www.oraldeafed.org>. PRICE: No cost. Order 100 copies or more by telephone.

Language: English.

Abstract: This colorful brochure is written for parents of infants and children who are deaf or hard-of-hearing. It explains what happens in the first months of the life of an infant with a hearing problem, describes how the auditory brain centers develop, and gives advice on how parents can ensure the best outcomes for children who are deaf or hard-of-hearing. 4pp.

Subject Category: Hearing.

Descriptors: Deafness. Deaf Persons. Hearing Impaired Persons. Hard of Hearing Persons. Children. Auditory System. Physiology. Ear. Anatomy. Parent Education. Educational Methods. Communication Strategies.

55. ***Tips for Communicating With Deaf People.***

Source: Rochester, NY: National Technical Institute for the Deaf (NTID), Rochester Institute of Technology (RIT). 2002. [11 p.]

Availability: Available from National Technical Institute for the Deaf (NTID). Marketing and Communications Department, 52 Lomb Memorial Drive, Rochester, NY 14623-5604. Voice/TTY: (585) 475-6906; Fax: (585) 475-5623. PRICE: \$0.40 each plus shipping (from \$1.25 for 1-25 copies); bulk orders available.

Language: English.

Abstract: This brochure offers strategies for communicating with individuals who are deaf (defined as all ranges of hearing impairment, from mild to profound). The brochure notes that several factors affect communication with individuals who are deaf or hard of hearing. The factors may include age at which deafness began, type of deafness, language skills, amount of residual hearing, speechreading skills, and educational and cultural background. Tabbed sections provide suggestions for communicating one-to-one, in a group setting, through an interpreter, at an interview, at work, in writing, and on the telephone. A final section provides a glossary of terms related to degrees and types of hearing loss, onset of hearing loss, means of communication, types of interpreting, and communication devices. The brochure is illustrated with black and white photographs of people communicating in a variety of settings.

Subject Category: Hearing. Language.

Descriptors: Communication Strategies. Hearing Loss. Deaf Persons. Communication Methods. Hearing Impaired Persons. Communication Devices. Assistive Devices. Telephone. TTY. Interpreters. Sign Language. Writing Skills. Workplace.

56. ***Developing Your Child's IEP: A Parent's Guide.***

Source: National Information Center for Children and Youth with Disabilities.

Availability: Available from the National Information Center for Children and Youth with Disabilities. P.O. Box 1492, Washington, DC, 20013-1492. Voice: (202) 884-8200. Voice/TTY 1-800-695-0285. E-mail: nichcy@aed.org. Web site: www.nichcy.org. PRICE: single copy free.

Language: English.

Abstract: This booklet explains the basics of the special education process as mandated by the federal Individuals with Disabilities Education Act (IDEA). IDEA that directs schools to provide specially designed instruction to eligible children (ages 3 to 21 years) who have a disability in order to meet their unique needs at no cost. The guide teaches parents how to partner effectively with schools in creating an IEP (Individualized Education Program) that provides the best education for their children. An IEP lists the specific special education services the child will receive, based on his or her individual needs, and includes classroom and program, educational goals and objectives, and curriculum and support services for the child. The guide provides extensive details about the processes for producing an effective IEP, including what and who is involved in the long and short term. 28pp.

Subject Category: Hearing. Language. Speech.

Descriptors: Special Education. Children. IEP. School Services. Disabilities. IDEA. Parent Education. Legislation. Parent-Teacher Meetings.

57. ***NICHCY National Resources.***

Source: Washington, DC: National Information Center for Children and Youth with Disabilities (NICHCY). NICHCY National Resources, GR2. October 2002. 10 p.

Availability: Available from National Information Center for Children and Youth with Disabilities (NICHCY). P.O. Box 1492, Washington, DC 20013-1492. Voice/TTY (800) 695-0285 or (202) 884-8200; (202) 884-8441; E-mail: nichcy@aed.org. PRICE: Single copy free.

Language: EN.

Abstract: This fact sheet, written for individuals with disabilities and their families, lists clearinghouses and other public agencies that may be available for assistance.

Subject Category: Hearing. Balance. Voice. Speech. Language.

Descriptors: Disabilities. State Agencies. Children. Parents. Vocational Rehabilitation. Advocacy. Special Education. Financial Aid. Information Resources. Mental Health. Family. Infants. Support Services. Government Agencies. Legislation. Physical Disabilities. Developmental Disabilities.

58. ***Transition Planning: A Team Effort.***

Source: National Information Center for Children and Youth with Disabilities.

Availability: Available from the National Information Center for Children and Youth with Disabilities. P.O. Box 1492, Washington, DC, 20013-1492. Voice: (202) 884-8200. Voice/TTY: (800) 695-0285. E-mail: nichcy@aed.org. Web site: www.nichcy.org. PRICE: single copy free.

Language: English.

Abstract: This transition summary provides readers with ideas and information on how students, families, school personnel, service providers, and others can work together to help students with disabilities make a smooth transition from the school system to adult life. In particular, this document focuses on creative transition planning and services that use all the resources that exist in communities. This publication also provides definitions of some terms used in transition planning, lists of individuals and agencies that can help the Individualized Education Program (IEP) team create a successful transition plan, guidelines to finding the groups and agencies that provide transition services, examples of creative transition plans, and ways to improve the transition system by working at the community level. 24 pp.

Subject Category: Language. Hearing. Speech.

Descriptors: Transition Planning. Independent Living. Disabilities. Vocational Educators. Adult Education.

59. ***A Student's Guide to the IEP 2nd Edition.***

Source: National Information Center for Children and Youth with Disabilities.

Availability: Available from the National Information Center for Children and Youth with Disabilities. P.O. Box 1492, Washington, DC, 20013-1492. Voice: (202) 884-8200. Voice/TTY 1-800-695-0285. E-mail: nichcy@aed.org. Web site: www.nichcy.org. PRICE: single copy free.

Language: English.

Abstract: This is the first in a series of Student Guides written especially to help students with disabilities. The publication is designed to help students with disabilities develop an Individualized Education Program (IEP) in partnership with parents, teachers, and transition specialists. This

eleven-page printed guide is part of a package that includes a technical assistance guide for adults who are helping the student with the process and an audiotape featuring students, their parents, and school staff who share their experiences with student participation in writing an IEP. This guide is based on the Individuals with Disabilities Education Act (IDEA), the federal law that guarantees a free and appropriate education to students with disabilities (ages 3 to 21 years). 12pp.

Subject Category: Language. Hearing. Speech.

Descriptors: IDEA. IEP. Special Education. Guidelines. Disabilities. Children. Youth. Legislation. Education Program Planning.

60. **General Information About Disabilities: Disabilities That Qualify Infants, Toddlers, Children, and Youth for Services Under the IDEA.**

Source: National Information Center for Children and Youth with Disabilities.

Availability: Available from the National Information Center for Children and Youth with Disabilities. P.O. Box 1492, Washington, DC, 20013-1492. Voice: (202) 884-8200. Voice/TTY 1-800-695-0285. E-mail: nichcy@aed.org. Web site: www.nichcy.org. PRICE: single copy free.

Language: English.

Abstract: This pamphlet describes the services available under the federal law known as the Individuals with Disabilities Education Act (IDEA), defines the 13 disability categories under which a child will be eligible for a free public education under IDEA, and refers parents to other sources for related information. IDEA guarantees the right to a free and appropriate education to students with disabilities (ages 3 to 21 years). 4pp.

Subject Category: Language. Hearing. Speech.

Descriptors: Disabilities. Children. Individuals with Disabilities Education Act (IDEA). Special Education. Autism. Deafness. Speech Impairment. Service Eligibility. Disability Categories. Sources for Parents. Early Intervention. Federal Law. Infants. Toddlers. Youth.

61. **Helping Students Develop Their IEPs.**

Source: National Information Center for Children and Youth with Disabilities.

Availability: Available from the National Information Center for Children and Youth with Disabilities. P.O. Box 1492, Washington, DC, 20013-1492. Voice: (202) 884-8200. Voice/TTY 1-800-695-0285. E-mail: nichcy@aed.org. Web site: www.nichcy.org. PRICE: single copy free.

Language: English.

Abstract: This technical assistance guide is written for parents and teachers who want to help students with disabilities become involved in developing their own Individualized Education Program (IEP). The guide is part of a package that includes an audiotape and a print booklet, A Student Guide to the IEP. An IEP lists the specific special education services a student would receive, based on his or her individual needs, including classroom and program, educational goals and objectives, and curricula and support services. The program is based on the Individuals with Disabilities Education Act (IDEA), the federal law that guarantees a free and appropriate education to students with disabilities (ages 3 to 21 years). 24pp.

Subject Category: Language. Hearing. Speech.

Descriptors: Special Education. Students. IEP. School Services. Disabilities. Guidelines. Legislation. Privacy. Federal Law. Curriculum Planning.

62. **Maximizing Auditory and Speech Potential for Deaf and Hard-of-Hearing Children: Proceedings of a Clinical Roundtable.**

Source: Pediatric News Journal Reprint 2002. International Medical News Group at Rockville, MD.

Availability: Available from Oberkotter Foundation, Oral Deaf Education. Voice: (877) ORALDEAF (672-5332). TTY/Fax: (877) 672-5889. E-mail: orders@oraldeafed.org. Web site Order Form: <http://www.oraldeafed.org/materials/orderform.html>. PRICE: Available at no cost.

Language: English.

Abstract: This 'Pediatric News' supplement contains the proceedings from a clinical roundtable at which a panel of six experts discussed some critical issues related to maximizing auditory and speech potential in children who are born with hearing loss or who develop early-onset hearing problems. The topic areas included early diagnosis and

intervention, diagnostic protocol, timing of referrals, audiologic evaluation and amplification, cochlear implants, the team approach, review of educational options, and oral deaf education. The supplement concludes with a hearing and language milestones guide for parents and a list of resources for parents with hearing loss. 1 table.

Subject Category: Speech. Language. Hearing.

Descriptors: Deafness. Hearing Loss. Hard of Hearing Persons. Hearing Impaired Persons. Deaf Persons. Universal Screening. Early Identification. Early Detection. Newborn Screening. Newborns. Language Development. Speech Development. Diagnosis. Diagnostic Tests. Neonatal Screening. Infants. Children. Early Intervention Programs. Hearing Health Care. Patient Care Team. Patient Care Management. Professional-Patient Relations. Medical History. ABR. Otoacoustic Emissions. OAE. Hearing Aids. Cochlear Implants. Oral Auditory Method. Auditory Oral Method. Auditory Verbal Method. Oral Education. Cued Speech. American Sign Language. Sign Language. Education of the Hearing Impaired. Speech Language Therapy.

63. **Summer Pre-College Programs for Students With Disabilities, 2002 Edition.**

Source: American Council on Education. HEATH Resource Center. Washington, DC. 2001. www.heath-resource-center.org.

Availability: Available from HEATH Resource Center. American Council on Education, One Dupont Circle, Suite 800, Washington, DC 20036. Voice: (202) 939-9320. Voice/TTY (800) 544-3284. Fax: (202) 833-5696. E-mail: heath@ace.nche.edu. Web site: <http://www.heath-resource-center.org>. PRICE: single copy free.

Language: English.

Abstract: These educational resources, listed by state, are for students with disabilities seeking ways to prepare for college and enhance college performance. The HEATH Resource Center operates the national clearinghouse on postsecondary education for individuals with disabilities, supported by the U.S. Department of Education.

Subject Category: Language. Hearing. Speech.

Descriptors: Education. Pre-college Programs. Students With Disabilities. Educational Services. Disability Resource.

64. **Something to Talk About: Spoken Language Approaches for Children With Hearing Loss.**

Author(s): Alexander Graham Bell Association for the Deaf.

Source: Washington, DC. AGBell. 2002. 6p.

Availability: Available from AGBell. 3417 Volta Place, NW, Washington, DC 20007. 202-337-5220; TTY 202-337-5221; Fax: 202-337-8314. E-mail: info@agbell.org. Web site: www.agbell.org. PRICE: 10 copies \$2.25; 50 copies \$9; 100 copies \$17; 1000 copies \$170.

Language: English.

Abstract: This brochure outlines different approaches to teaching children with hearing loss that focus on developing speech, listening, and spoken language skills. The approaches covered include auditory/oral, Auditory-Verbal, and Cued Speech. Tips for parents on how to stimulate speech and language development in their hearing-impaired infant are also provided.

Subject Category: Hearing. Speech.

Descriptors: Infant Hearing Loss. Hearing-Impaired Children. Children With Hearing Loss. Communication Skills. Auditory Oral Communication. Auditory-Verbal Communication. Cued Speech. Deaf Children. Parent Education. Deafness.

65. **Doctor, Explain Earwax.**

Author(s): American Academy of Otolaryngology-Head and Neck Surgery.

Source: Alexandria, VA: American Academy of Otolaryngology-Head and Neck Surgery. 2002. 2pp.

Availability: Available from American Academy of Otolaryngology-Head and Neck Surgery. One Prince Street, Alexandria, VA 22314-3357. (703) 836-4444. TTY: (703) 519-1585. Web site:

<http://www.entnet.org/healthinfo/ears/earwax.cfm>. PRICE: Available free online; print brochure is \$30 for 100 for non-members, plus shipping and handling. Discounted for members.

Language: English.

Abstract: This brochure provides an overview on earwax, the waxy substance in the ear that traps dust and dirt particles to keep them away from the eardrum. Normally, earwax dries up and falls out on its own or

migrates to the outer part of the ear where it can be wiped away. Objects such as cotton swabs can actually push earwax further into the ear, causing a buildup. Signs of excessive earwax buildup include partial hearing loss, earache, a ringing sound or other noises in the ear, or a general feeling that the ear is blocked. In most instances, excess earwax can be eliminated through the use of home remedies such as baby oil, mineral oil, or commercial drops. If these methods do not work or you suspect that you have a hole in your eardrum, you should contact your physician.

Subject Category: Hearing.

Descriptors: Earwax. Cerumen. Ear. Conductive Hearing Loss. Hearing Loss. Ear Canal. Eardrum. Tympanic Membrane.

66. **Doctor, Is My Baby's Hearing Normal?**

Author(s): American Academy of Otolaryngology-Head and Neck Surgery.

Source: Alexandria, VA: American Academy of Otolaryngology-Head and Neck Surgery 2002.

Availability: Available from American Academy of Otolaryngology-Head and Neck Surgery. One Prince St., Alexandria, VA 22314-3357. (703) 836-4444. TTY: (703) 519-1585. Web site: www.entnet.org. PRICE: Available free online; print brochure is \$30 for 100 for non-members, plus shipping and handling. Discounted for members.

Language: English.

Abstract: This brochure offers two checklists that help parents determine if their child has a hearing loss. Parents answer questions regarding their child's or family's medical history as well as their child's speech and language development. The brochure also recommends that parents who suspect that their child has a hearing loss should have their child's hearing tested by an audiologist and, when appropriate, his or her speech evaluated by a speech-language pathologist.

Subject Category: Hearing.

Descriptors: Hearing loss. Deafness. Hearing Impaired Persons. Hard of Hearing Persons. Deaf Persons. Congenital Deafness. Infants. Children. Newborn Screening. Deafness. Hearing Loss. Hard of Hearing Persons. Hearing Impaired Persons. Deaf Persons. Universal Screening. Early Identification. Early Detection. Newborn Screening. Newborns. Language Development. Speech Development. Diagnosis. Diagnostic Tests. Neonatal Screening. Hearing Health Care. ABR. Otoacoustic Emissions. OAE. Hearing Screening. Hearing Evaluation.

67. **Secondhand Smoke and Children.**

Author(s): American Academy of Otolaryngology-Head and Neck Surgery.

Source: Alexandria, VA: American Academy of Otolaryngology-Head and Neck Surgery. 2002. 4p.

Availability: Available from American Academy of Otolaryngology-Head and Neck Surgery. One Prince St., Alexandria, VA 22314-3357. (703) 836-4444. TTY: (703) 519-1585. Web site: www.entnet.org/healthinfo/tobacco/secondhand_smoke.cfm. PRICE: Available free online.

Language: English.

Abstract: This brochure is written to inform consumers, especially those who live and work among children, of the dangers that children face from exposure to environmental tobacco smoke (ETS) or secondhand smoke. The text defines secondhand smoke, how children are most affected (ear, nose and throat), and what can be done to minimize the effects of ETS on children. The brochure discusses the fetus, newborn and older children.

Subject Category: Hearing.

Descriptors: Secondhand Smoke. Environmental Tobacco Smoke. Middle Ear Problems. Ear Infections. Otitis Media. Infant and Children Health. ENT Disorders.

68. **The Noise/Stress Concept, Risk Assessment, and Research Needs.**

Author(s): Babisch, W.

Source: Noise and Health 2002, 4;16, 1-11.

Availability: Available from Wolfgang Babisch. Federal Environmental Agency, Institute for Water, Soil and Air Hygiene, Corrensplatz, P.O. Box 33 00 22, D-14191, Berlin, Germany.

Language: English.

Abstract: The cardiovascular effects of noise play an important role in noise policy and decision making. This paper discusses dose-response

relationship research and health impact assessment of community noise.

Subject Category: Hearing.

Descriptors: Community Noise. Risk Assessment. Public Health Policy. Health Effects. Research Needs. Reaction Model.

69. **American Wartime Military Audiology.**

Author(s): Bergman, M.

Source: American Academy of Audiology. Reston, VA. 2002.

Availability: Available from the American Academy of Audiology. Publications, 11730 Plaza America Drive, Suite 300, Reston, VA 20190. Voice: 800-AAA-2336; 703-790-8466. Fax: 703-790-8631. Web site: <http://www.audiology.org/store>. PRICE: Members: \$12.50; Non-Members: \$15.

Language: English.

Abstract: Audiology is generally acknowledged to have evolved from the rehabilitative services developed by the military during World War I and II. Audiology pioneer Moe Bergman authors this well-documented and widely researched historical account detailing the birth of the profession. 24pp.

Subject Category: Hearing.

Descriptors: Audiology. Rehabilitation.

70. **Cochlear Implants and Children, Ethics and Choices.**

Author(s): Christiansen, J. B., Leigh, I. W.

Source: Gallaudet University Press. Washington, DC. 2002. ISBN 1-56368-116-1. 189 p.

Availability: Available from Harris Communications, Inc. 15155 Technology Drive, Eden Prairie, MN 55344. 800-825-6758 (Voice). 800-825-9187 (TTY). Fax: 952-906-1099. E-mail: mail@harriscomm.com; Web site: <http://www.harriscomm.com>. PRICE: \$49.95 plus shipping and handling.

Language: English.

Abstract: This illustrated book provides a step-by-step overview for parents and teachers of cochlear implant recipients, and for speech and hearing professionals who work with implanted children. Applicable to multi-channel cochlear implant designs, the book describes the implant, how to maintain it, and techniques for helping the child adjust to the implant at home and school. Interaction between the parent, teacher and speech pathologist during rehabilitation is emphasized.

Subject Category: Hearing.

Descriptors: Hard-of-Hearing Children. Deaf Children. Cochlear Implants. Hearing Loss. Hearing Impairment. Hearing Loss Treatment. Hearing Devices. Deafness. Parent Resource. Special Education. Teaching Guide.

71. **The Parents' Guide To Cochlear Implants.**

Author(s): Chute, P. E., Nevins, M. E.

Source: Washington, DC. Gallaudet University Press. ISBN: 1-56368-129-3. 197 p.

Availability: Available from Gallaudet University Press. The University of Chicago Distribution Center, 11030 S. Langley Ave., Chicago, IL 60628. 800-621-2736. Web site: <http://gupress.gallaudet.edu>.

Language: English.

Abstract: This guide for parents of hearing-impaired children explains each stage of the cochlear implantation process. Parents learn about evaluation, implant device options, choosing a reputable center, and the implantation surgery procedure. The parent's post-operative role is discussed, including helping the child to adjust to the device utilizing home activities. Includes bibliographical references and index.

Subject Category: Hearing.

Descriptors: Cochlear Implants. Hearing-Impaired Children. Deaf Children. Deafness. Rehabilitation. Assistive Hearing Devices. Hard-of-Hearing Children. Parenting Education. Communication Technologies.

72. **Auditory-Visual Speech Perception and Aging.**

Author(s): Cienkowski, K. M., Carney, A. E.

Source: Ear and Hearing 2002; 23;439-449.

Availability: Available from Kathleen M. Cienkowski, Ph.D. Department of Communication Sciences, University of Connecticut, 850 Bolton Road, Box U-85, Storrs, CT 06269. E-mail: cienkows@uconnvm.uconn.edu.

Language: English.

Abstract: This article reports on a study that was designed to assess the integration of auditory and visual information for speech perception in older adults. The study design compared the performance of three groups of participants that included young adults with normal hearing and vision, older adults with normal to near-normal hearing and vision, and young controls whose hearing thresholds shifted with noise to match the older group.

Subject Category: Hearing. Speech.

Descriptors: Auditory-Visual Speech Perception. Aging. Research.

73. *Discover IDEA CD 2002.*

Author(s): Council for Exceptional Children, ASPIRE/ILIAD IDEA Partnership Projects.

Source: IDEA Partnership Projects, Council for Exceptional Children. Arlington, VA. 2003. 565p.

Availability: Available from The Council for Exceptional Children. 1110 North Glebe Road, Suite 300, Arlington, VA 22201-5704. 888-232-7733; 703-620-3660; 866-915-5000 (TTY); 703-264-9494 (FAX). E-mail: service@cec.sped.org. Web site: <http://www.cec.sped.org>. PRICE: Single copies are \$7.95 each or \$2.50 each when order is 50 or more, plus shipping.

Language: English.

Abstract: This CD contains information about the IDEA '97-statute and final regulations; No Child Left Behind; FERPA; ADA; Head Start and more. This is an enhanced version which makes searching and navigating easier for new and experienced users. CD 2002 features many new resources right on the CD for easy download. Now available is a 'Trainer Tips' section which may be of special interest to professional development providers and university faculty members.

Subject Category: Hearing. Language.

Descriptors: IDEA 1997. Disability Regulations. Special Education. People With Disabilities. Professional Resource. Teacher Guide. Deafness. Hearing Disorder. Children With Hearing Loss. Hearing Loss. Language Disorder. Communication Guidelines.

74. *Bridge to Sound With a 'Bionic' Ear.*

Author(s): Farley, C.

Source: Harris Communications. Eden Prairie, MN. 2002. ISBN 0-9718546-0-2. 476 p.

Availability: Available from Harris Communications, Inc. 15155 Technology Drive, Eden Prairie, MN 55344. 800-825-6758 (Voice). 800-825-9187 (TTY). Fax: 952-906-1099. E-mail: mail@harriscomm.com; Web site: <http://www.harriscomm.com>. PRICE: \$19.95 plus shipping and handling.

Language: English.

Abstract: This resource provides answers to some important questions about cochlear implants for anyone with an interest in hearing loss and cochlear implants. It covers hearing loss statistics; what a cochlear implant is and how it works; criteria for becoming an implant candidate; what happens after activation of the device; manufacturers of cochlear implants with a list of implant centers; organizations to turn to for information and support; and much more.

Subject Category: Hearing.

Descriptors: Cochlear Implants. Hearing Loss. Hearing Impairment. Hearing Loss Treatment. Hearing Devices. Deafness.

75. *Why Aren't Hearing Conservation Practices Taught in Schools?*

Author(s): Folmer, R. L.

Source: Educational Audiology Review. Summer 2002: 12-16. 2002.

Availability: Available from Educational Audiology Association. 4319 Ehrlich Road, Tampa, FL 33624. (800) 460-7322. Web site: www.edaud.org.

Language: English.

Abstract: Although numerous studies have documented the long-term consequences of excessive noise on the hearing of children, most schools do not teach basic information about hearing conservation. The author of this article attributes the lack of attention to hearing conservation to limited public awareness and the inadequate distribution of prevention materials. He suggests that hearing professionals should increase awareness about the dangers of noise and preventive strategies, disseminate appropriate curricula and information to teachers and school administrators, and advocate for legal requirements for schools to

implement hearing conservation programs. Curricula should address normal auditory function, types of hearing loss, the impact of noise on hearing, symptoms of noise-induced hearing loss, and prevention techniques. Several studies have found that prevention instruction is successful in raising awareness of hearing and noise and in promoting the use of hearing protection.

Subject Category: Hearing.

Descriptors: Noise-Induced Hearing Loss. Hearing Loss. Occupational Hearing Loss. Hearing Conservation. Hearing Conservation Programs. Hearing Protection Devices. Health Promotion. Prevention. Health Education. Noise. Public Schools. Educational Setting. Children. Students. Teens. Adolescents. Hearing Professionals. Educators. Teaching Strategies. Teachers. Curriculum. Curriculum Guides. Instructional Materials. Legal Factors.

76. *Current Genetic Tests: A Consumer's Guide to Available Tests.*

Author(s): Gifford, N. L.

Source: Lake Grove, NY: Technical Books for the Layperson, Inc. 2002. 436 p.

Availability: Available from Technical Books for the Layperson. P.O. Box 391, Lake Grove, N.Y. 11755. (703) 877-1477. ISBN: 1-88181-811-X. PRICE: \$30 plus shipping, tax, and handling. Available in softcover.

Language: English.

Abstract: Written for laypersons, this reference identifies 419 genetic disorders and related laboratory tests in an encyclopedic style. Each entry describes the disorder, as well as onset, gender bias, incidence, and sources for more information. Molecular genetic tests, cytogenetic tests, biochemical genetic tests, and newborn screening protocols are included. Readers can utilize the glossary to determine whether there is a genetic test for a specific disease, and then work through their physician to access a laboratory. Although the tests evaluate susceptibility, positive results do not guarantee that an individual will develop the disease or be affected by symptoms.

Subject Category: Hearing. Voice. Speech.

Descriptors: Genetic Tests. Genetic Disorders. Genetics. Genetic Counseling. Newborn Screening.

77. *Tinnitus. A Self-Management Guide for the Ringing in Your Ears.*

Author(s): Henry, J. L., Wilson, P. H.

Source: Boston, MA: Allyn & Bacon. 2002. 209 p.

Availability: Available from Allyn & Bacon, Publisher. Web site: www.ablongman.com. PRICE: \$29 plus shipping, tax, and handling. Available in softcover.

Language: English.

Abstract: This self-help book for people with tinnitus describes practical strategies for coping with the condition. Step-by-step guidelines are provided for psychological techniques such as relaxation, stress management, and attentional control. Emphasis is placed on the effect of attitude on the perception of tinnitus as a problem. The text reviews the causes of tinnitus, typical medical and audiological treatments, and common problems related to tinnitus. Self-assessment exercises are provided throughout discussions about the impact of tinnitus on daily activities, emotional reactions, the control of negative thought processes, problem-solving, and preparation for high-risk situations. Lifestyle modifications, distress, anger, sleep problems, and coping techniques in quiet and noisy environments are addressed.

Subject Category: Hearing.

Descriptors: Tinnitus. Hearing Disorders. Coping. Psychological Techniques. Relaxation. Stress Management. Attentional Control. Treatment. Therapy.

78. *Longitudinal Changes in Hearing Aid Satisfaction and Usage in the Elderly Over a Period of One or Two Years After Hearing Aid Delivery.*

Author(s): Humes, E., et al.

Source: Ear and Hearing 2002; 23:428-438.

Availability: Available from Department of Speech and Hearing Sciences. Indiana University, Bloomington, IN 47405-7002. E-mail: humes@indiana.edu.

Language: English.

Abstract: This article reports on a study conducted to measure hearing

satisfaction and usage for extended periods of time, up to 2 years after hearing aid delivery, to determine whether longitudinal changes occur in the elderly for these outcome measures. The study participants included 134 elderly hearing aid wearers, with outcome measures obtained at 1, 6, and 12 months post-fit. Of the original participants, 49 returned after 2 years to complete the satisfaction and usage measures again. Multiple self-report measures of hearing aid satisfaction and hearing aid usage were obtained at each followup session.

Subject Category: Hearing.

Descriptors: Hearing Impairment. Hearing Aids. Hearing Aid Satisfaction. Research.

79. *Spoken Communication for Students Who Are Deaf or Hard-of-Hearing: A Multidisciplinary Approach.*

Author(s): Klein, D. H., Watson-Parker, E.

Source: Hillsboro, Oregon. 2002. Butte Publications, Inc. ISBN: 1-884362-54-0. 159pp.

Availability: Available from Butte Publications, Inc. P.O. Box 1328, Hillsboro, OR 97123. 866-312-8883. Catalog order No. 2540. PRICE: \$39 plus shipping and handling. www.buttepublications.com.

Language: English.

Abstract: This book supports the instructional best practice of using multidisciplinary team approach to develop spoken communication skills in deaf or hard-of-hearing students. Teachers, speech therapists, parents, school district personnel and the student all working together within the classroom setting to establish, develop and support spoken communication skills. The text supports the premise that spoken language development is possible regardless of the type and degree of hearing loss or the educational program's philosophy. The text includes pictures, forms, springboard discussions, experiments, and practical ideas for use in school and at home.

Subject Category: Speech. Hearing.

Descriptors: Deaf Communication. Communication Strategies. Deafness. Hard-of-Hearing Students. Deaf Students. Multidisciplinary Team Approach. Spoken Communication Skills.

80. *Name Signs in Greek Sign Language.*

Author(s): Kourbetis, V., Hoffmeister, R. J.

Source: American Annals of the Deaf. 147(3): 35-43. July 2002.

Availability: Available from Gallaudet University Press. 800 Florida Avenue, NE, Washington, DC 20002. (202)651-5488 (Voice/TTY); (202)651-5489 (Fax). E-mail: valencia.simmons@gallaudet.edu. Website: <http://gupress.gallaudet.edu/annals/>.

Language: English.

Abstract: In this article the authors focus on Greek Sign Language (GSL) and the Greek deaf community. Based on interviews with some two hundred people, the phonological characteristics of Greek name signs are described, as well as the frequency of occurrence of specific name signs and the influence of spoken Greek. The authors compare American Sign Language with the naming process used in general Greek community, and further develop the following points: types of naming signs the Greek culture uses-descriptive name signs (DNS) and arbitrary name signs (ANS)-with DNS said to be the most popular naming process; name signs are assigned typically by members of the deaf community or by deaf peers in the educational setting; most name signs describe personal characteristics, but with many hearing people now learning GSL, initialized signs are beginning to appear. The authors question whether the Greek community will accept this practice.

Subject Category: Language. Hearing.

Descriptors: Sign Language. Greek Sign Language. Greek Deaf Community. Greek Name Signs. Hearing Impairment. Communication.

81. *Interpreters and Translators in Communication Disorders: A Practitioner's Handbook.*

Author(s): Langdon, H. W.

Source: Eau Claire, WI: Thinking Publications. 2002. 118 p.

Availability: Available from Thinking Publications, P.O. Box 163, Eau Claire, WI 54702-0163. (715) 832-2488. Toll-free: (800) 225-GROW (4769). Fax: (715) 832-9082. Toll-free Fax: (800) 828-8885. E-mail: custserv@ThinkingPublications.com. Web site: www.thinkingpublications.com. PRICE: \$32 plus shipping, tax, and handling.

Language: English.

Abstract: This self-study manual for interpreters and translators explains considerations for working with speech-language pathologists, audiologists, and other professionals serving people with communication disorders. The five sessions address the interpreting and translating process, collaboration on cases involving culturally or linguistically diverse clients, assessment techniques with culturally or linguistically diverse clients, challenges in the interpreting and translating process, and evaluation and outcomes. All sessions include self-assessment questions and a list of resources for more information. Guidelines, sample forms, and case studies are provided when relevant.

Subject Category: Hearing. Speech. Language.

Descriptors: Language. Interpreters. Interpreter Training. Sign Language. American Sign Language. ASL. Sign Language Interpreters. Translators. Communication Disorders. Speech-Language Pathologists. Audiologists. Cultural Factors. Multiculturalism. Diversity. Professional Education.

82. *A Multi-Center, Double Blind Clinical Trial Comparing Benefit From Three Commonly Used Hearing Aid Circuits.*

Author(s): Larson, V. D.

Source: The American Auditory Society, Dammeron Valley, UT. www.amauditorysoc.org. Ear and Hearing Journal, Vol. 23 No.4, August 2002. ISSN 0196-0202.

Availability: Lippincott Williams and Wilkins. 530 Walnut Street, Philadelphia, PA 19106-3621. Voice: (215) 521-8300.

Language: English.

Abstract: This article reports on a study whose objective was to compare the efficacy of three commonly used hearing aid circuits, including peak clipping (PC), compression limiting (CL), and wide dynamic range compression (WDRC). The researchers used a double blind, three-period, three-treatment crossover design with 360 patients who were diagnosed with bilateral sensorineural hearing loss. The subjects were fitted with each of three programmable hearing aid circuits for the study. Outcome tests were performed in the unaided condition and then after 3 months, usage of each circuit, in both aided and unaided conditions. The researchers concluded that the three hearing aid circuits studied provide significant benefit in quiet and in noisy situations. Also, the results suggest that the compression hearing aids (WDRC and CL) studied were generally superior to the PC circuit, although the differences were small when compared to the large benefit shared by all three hearing aids. 2 figures. 22 references.

Subject Category: Hearing.

Descriptors: Hearing Aids. Hearing Aid Research. Hearing Aid Circuits. Peak Clipping. Compression Limiting. Wide Dynamic Range Compression.

83. *Working Out With Listening.*

Author(s): Larson, V. L., Sterling-Orth, A., Thurs, S. A.

Source: Eau Claire, WI: Thinking Publications. 2002. 129pp.

Availability: Thinking Publications. P.O. Box 163, Eau Claire, WI 54702-0163. (800) 225-GROW (4769) or (715) 832-2488. Fax: (800) 828-8885 or (715) 832-9082. E-mail: custserv@ThinkingPublications.com. Web site: <http://www.thinkingpublications.com/>. PRICE: \$24, plus shipping and handling.

Language: English.

Abstract: This resource provides 50 workouts to develop listening skills. Each workout contains three exercises that focus on (1) recalling information, (2) following directions, and (3) listening for details and main ideas. As part of each exercise, a 'Think About Challenge' is presented also to develop related listening skills such as identifying appropriate listening behaviors, role playing, and drawing inferences. The resource is targeted to children between five and ten years of age, but it also may be appropriate for older children with listening difficulties. Because the workouts are intended to be read to children by adults, children do not need to be readers to participate in these workouts.

Subject Category: Hearing. Speech. Language.

Descriptors: Children. Listening. Listening Skills. Communication Skills. Educational Methods. Tutoring. Education. Exercise. Listening Comprehension. Students. Instructional Materials.

84. *Normal Aid Functioning: Pipe Dream or Possibility.*

Author(s): Lindley, G.

Source: The Hearing Journal. 55(7): 10. July 2002.

Availability: Available from Lippincott Williams and Wilkins. Customer Service, P.O. 1175, Lowell, MA 01853. (978) 262-9611. Fax: (978) 262-9617. Website: <http://www.thehearingjournal.com>.

Language: English.

Abstract: This issue's Page Ten author addresses questions to encourage audiologists to look not only at the benefits that patients derive from hearing aids, but also to compare their aided performance to that of normally hearing listeners. The author implies that providing 'normal' hearing for patients is not as far-fetched a possibility with the improvements in today's hearing aid technology.

Subject Category: Hearing.

Descriptors: Hearing Aid. Hearing Aid Assistive Devices. Hearing Aid Technology. Hearing Loss Treatment.

85. *Facilitating the Transition of Students Who Are Deaf or Hard of Hearing.*

Author(s): Luckner, J. L.

Source: Austin, TX: PRO-ED, Inc. 2002. 79pp.

Availability: Available from PRO-ED, Inc. 8700 Shoal Creek Boulevard, Austin, TX 78757-6897. (800) 897-3202 or (512) 451-3246; Fax: (800) 397-7633. Web site: <http://www.proedinc.com>. PRICE: \$10 plus shipping; PRO-ED Series on Transition (16 books) \$136 plus shipping.

Language: English.

Abstract: This book was written to help professionals, students, and families become familiar with how to develop and implement individual transition plans for students who are deaf or hard of hearing. The information presented in this book will help the reader to meet the transition mandates of the Individuals with Disabilities Act Amendments of 1997. In addition, the text will help readers to have a better understanding of how to work in partnership with students, families, and professionals to develop appropriate transition plans and effective plans of study to help individuals who are deaf or hard of hearing reach their maximum potential and lead fulfilling adult lives. This manual is part of the PRO-ED Series on Transition.

Subject Category: Hearing.

Descriptors: Professional Resource. Teacher Resource. Individuals with Disabilities Act. Transition Plans. Deaf Individuals. Hard-of-Hearing. Hearing Loss. Student Transition. Transition Plans. Vocational Rehabilitation. Learning Disability. Learning Skills. IEP. Assessment. Career Development.

86. *Speech Cues and Word Understanding Scores.*

Author(s): Martin, R. L.

Source: The Hearing Journal. 55(7): 48-51. July 2002.

Availability: Available from Lippincott Williams and Wilkins. Customer Service, P.O. 1175, Lowell, MA 01853. (978) 262-9611. Fax: (978) 262-9617. Website: <http://www.thehearingjournal.com>.

Language: English.

Abstract: In this article the author discusses concepts that can improve the quality of hearing aid fittings. The author maintains that the audiologist should not depend only on patient feedback during the fitting process but should match the tuning process to some specific goal or target. Specifically, the author covers speech cues, the Articulation Index.

Subject Category: Hearing.

Descriptors: Hearing Impaired. Hard-of-Hearing. Deafness. Patient Resource. Articulation Index. Hearing Loss.

87. *Learn to Lipread.*

Author(s): McKinney, V.

Source: Hillsboro, Oregon. 2002. Butte Publications, Inc. ISBN: 1-884362-61-3, DVD; ISBN: 1-884362-60-5, VHS.

Availability: Available from Butte Publications, Inc. P.O. Box 1328, Hillsboro, OR 97123. 866-312-8883. Catalog order No. 2605 for VHS and 2613 for DVD. PRICE: \$49 plus shipping and handling, any piece. www.buttepublications.com.

Language: English.

Abstract: This series consists of lipreading and auditory training lessons for adolescents and adults, and is available on videotape or DVD, together with a manual that provides additional practice. Learn to Lipread is designed to develop skill through practice for those who are unable to understand enough conversation to participate. The program is meant to supplement other training from a class or therapist.

Subject Category: Hearing. Speech.

Descriptors: Deafness Intervention. Communication. Lipreading. Communication Therapy. Hard-of-Hearing

88. *Speech and Language Benefits of Cochlear Implantation.*

Author(s): Miyamoto, R., Chin, S.

Source: The Volta Review. 102(4): 121-347. 2002. Alexander Graham Bell Association for the Deaf and Hard of Hearing. Physical description (PD): Monograph, 226 p.

Availability: Available from the Alexander Graham Bell Association for the Deaf and Hard of Hearing. Publications Department, 3417 Volta Place, NW, Washington, DC 20007-2778. Voice/TTY: (202) 337-5220. Web site: www.agbell.org. PRICE: \$24.95 plus shipping and handling.

Language: English.

Abstract: This collection of research studies conducted by scientists in the DeVault Otologic Research Laboratory at Indiana University School of Medicine examines speech and language development in pediatric and adult cochlear implant recipients. Eight of the eleven studies are devoted to ascertaining how the cochlear implant affects speech and language skill development in children, with emphasis on speech perception, speech production, language, and working memory. Among the topics of study are how age of implantation affects the development of communication skills, how newly derived measures can better assess articulation differences between children who wear cochlear implants and those with normal hearing, how a parent's vocabulary can influence language development in his or her implant-wearing child, and whether auditory working memory plays a role in predicting an implant wearer's ability to recognize and reproduce spoken words. The remaining studies focus on the development of higher-level language skills in postlingually deafened adults who wear cochlear implants. Among the topics of study are how phonotactic probabilities--the frequency with which key sound sequences appear in syllables and words--affect an implant wearer's ability to recognize spoken words, and how partial stimuli--such as whether one or more people are talking or whether information is strictly auditory or both auditory and visual--affect an implant wearer's ability to understand spoken words.

Subject Category: Hearing. Speech. Language.

Descriptors: Deafness. Hearing Loss. Deaf Persons. Hearing Impaired Persons. Hard of Hearing Persons. Cochlear Implants. Speech Development. Language Development. Prelingual Deafness. Postlingual Deafness. Late Deafened Adults. Children. Adults. Speech. Speech Perception. Assistive Devices. Communication Skills. Assessment. Language Assessment. Memory. Phonotactic. Phonology. Phonetics.

89. *Communication Considerations for Parents of Deaf and Hard-of-Hearing Children.*

Author(s): National Institute on Deafness and Other Communication Disorders (NIDCD).

Source: NIDCD. Bethesda, MD. 2002. 6p.

Availability: Available from National Institute on Deafness and Other Communication Disorders (NIDCD) Information Clearinghouse. One Communication Avenue, Bethesda, MD 20892-3456. Voice: (800) 241-1044. TTY (800) 241-1055. Fax: (301) 907-8830. E-mail: nidcdinfo@nidcd.nih.gov. Website: www.nidcd.nih.gov. PRICE: Single copy free.

Language: English.

Abstract: Deafness or hearing impairment affects not only a child who is deaf or has a hearing loss, but also the child's family, friends, and teachers. For hundreds of years, people have debated the best ways to develop communication skills and provide education for deaf and hard-of-hearing children. This fact sheet presents a few points on the topic upon which scientific and health professionals, educators, and experienced parents commonly agree.

Subject Category: Hearing.

Descriptors: Deafness. Hard-of-Hearing. Deaf Children. Hard-of-Hearing Children. Hearing Impairment. Communication Skills.

90. *Vestibular Schwannoma (Acoustic Neuroma) and Neurofibromatosis.*

Author(s): National Institute on Deafness and Other Communication Disorders (NIDCD).

Source: Bethesda, MD. National Institute on Deafness and Other Communication Disorders (NIDCD) Information Clearinghouse. 2003.

Availability: Available from National Institute on Deafness and Other

Communication Disorders (NIDCD) Information Clearinghouse. 1 Communication Avenue, Bethesda, MD 20892-3456. Voice: (800) 241-1044. TTY (800) 241-1055. Fax: (301) 907-8830. E-mail: nidcdinfo@nidcd.nih.gov. Website: www.nidcd.nih.gov. PRICE: Single copy free. Also available online. NIH Pub No. 99-580.

Language: English.

Abstract: This fact sheet presents an overview of vestibular schwannoma (also known as acoustic neuroma, acoustic neurinoma, or acoustic neurilemoma) is a benign, usually slow-growing tumor that develops from the balance and hearing nerves supplying the inner ear.

Unilateral/asymmetric hearing loss and/or tinnitus and loss of balance/dizziness are early signs of a vestibular schwannoma. The fact sheet discusses the causes, diagnosis, treatment and prognosis of this disorder, and lists referrals for additional information.

Subject Category: Hearing. Balance.

Descriptors: Vestibular Schwannoma. Vestibular System Tumor. Acoustic Neuroma. Acoustic Neurinoma. Acoustic Neurilemoma. Balance Disorder. Inner Ear Disorder. Dizziness. Hearing Loss. Deafness.

91. **Healthy People 2010 and Healthy Hearing.**

Author(s): National Institute on Deafness and Other Communication Disorders (NIDCD).

Source: NIDCD. Bethesda, MD. 2002. 4p.

Availability: Available from National Institute on Deafness and Other Communication Disorders (NIDCD) Information Clearinghouse. One Communication Avenue, Bethesda, MD 20892-3456. Voice: (800) 241-1044. TTY (800) 241-1055. Fax: (301) 907-8830. E-mail: nidcdinfo@nidcd.nih.gov. Website: www.nidcd.nih.gov. PRICE: Single copy free.

Language: English.

Abstract: Healthy People 2010 is a program led by the U.S. Department of Health and Human Services to help all Americans improve their overall health. Healthy People 2010 serves as a guide for individuals, groups, and entire communities to set up programs and activities that help people learn the necessary steps for good health and disease prevention. This brochure identifies the Healthy People 2010 objectives for reducing the problems caused by hearing loss.

Subject Category: Hearing.

Descriptors: Healthy People 2010. Health Policy. Health Objectives. Hearing.

92. **Phonological Awareness: One Key to The Reading Proficiency of Deaf Children.**

Author(s): Nielsen, D. C., Luetke-Stahlman, B.

Source: American Annals of the Deaf. 147(3): 11-19. July 2002.

Availability: Available from Gallaudet University Press. 800 Florida Avenue, NE, Washington, DC 20002. (202)651-5488 (Voice/TTY); (202)651-5489 (Fax). E-mail: valencia.simmons@gallaudet.edu. Website: <http://gupress.gallaudet.edu/annals/>.

Language: English.

Abstract: The authors of this article are making a case for the value of both hearing and deaf children developing phonological awareness to reach their potential as readers. They discuss relevant terms-phonological awareness, phonological processes, and phonics-to help readers with the research review which covers: the typical stages in the acquisition of phonological awareness; and phonological awareness and deafness. The authors also offer suggestions for phonological awareness assessment with a recommendation that deaf educators and speech pathologists use recently developed formal and informal measures of phonological awareness for setting goals and objectives for evaluating skills of deaf students and planning instructions for these students. Research about the facilitation of phonological awareness and its application is explained also.

Subject Category: Language. Hearing.

Descriptors: Deaf Children. Communication. Phonological Awareness. Phonics. Phonological Processes. Speech-Language Pathology. Special Education. Deaf Education. Deafness. Hard-of-Hearing Children. Teaching Resource. Parent Resource.

93. **Medical Aspects of Hearing Loss.**

Author(s): Northern, J. L., Downs, M. P.

Source: Hearing in Children (5th ed). Northern, J.L.; Downs, M.P. Philadelphia, PA. Lippincott Williams and Wilkins. 2002. pp. 91-124. ISBN: 0-683-30764-9 (hardcover).

Availability: Available from Lippincott Williams and Wilkins. P.O. Box 1620, Hagerstown, MD 21741. (800) 638-3030 or (301) 223-2300. Fax: (301) 223-2400. Website: www.lww.com.

Language: English.

Abstract: This chapter from a text on hearing in children discusses the medical aspects of hearing loss. It begins with a discussion of disorders associated with hearing loss such as conditions of the external ear and ear canal, bony growths in the external auditory canal, inflammatory conditions, and perforations of the tympanic membrane; deformities of the lip and palate; Down syndrome; and acquired hearing loss from ototoxic drugs, a perilymph fistula, a temporal bone fracture, and noise exposure. This discussion is followed by a description of childhood infections associated with hearing loss (e.g., meningitis, congenital syphilis, and cytomegalovirus) and a discussion of other medical conditions that can result in hearing loss (e.g., persistent pulmonary hypertension of the newborn, Rh incompatibility, autoimmune disease, acoustic neuroma, malformations of the external ear and canal, and congenital middle and inner ear malformations). The chapter also presents information on genetics, including chromosome defects, patterns of inheritance, the genetics of deafness, and genetic counseling. It concludes with a discussion of the team management of children with hearing impairment. 13 figures. 5 tables.

Subject Category: Hearing.

Descriptors: Infants. Children. Sensorineural Hearing Loss. Ear Infections. Ear Canal. Eardrum Perforation. Congenital Anomalies. Autism. Infection. Congenital Deafness. Genetics. Genetic Counseling. Patient Care Management. Patient Care Team.

94. **Hearing Screening in Children.**

Author(s): Northern, J. L., Downs, M. P.

Source: Hearing in Children (5th ed). Northern, J.L.; Downs, M.P. Philadelphia, PA. Lippincott Williams and Wilkins. 2002. pp. 259-300. ISBN: 0-683-30764-9 (hardcover).

Availability: Available from Lippincott Williams and Wilkins. P.O. Box 1620, Hagerstown, MD 21741. (800) 638-3030 or (301) 223-2300. Fax: (301) 223-2400. Website: www.lww.com.

Language: English.

Abstract: This chapter from a text on hearing in children focuses on hearing screening in children. It outlines the principles of hearing screening, describes screening test performance characteristics, explains decision matrix analysis, and distinguishes between prevalence and incidence. This is followed by a discussion of neonatal and infant hearing screening; principles and guidelines for early hearing detection and intervention programs as presented in a Joint Committee on Infant Hearing Screening year 2000 position statement; universal newborn screening; and risk indicators for deafness such as asphyxia, craniofacial anomalies, and in utero infections known by the acronym TORCH (toxoplasmosis, rubella virus, cytomegalovirus, herpes simplex virus, and other bacterial infections). Other topics include screening for hearing impairment at birth through 6 months, 7 months through 2 years, 3 through 5 years, and 5 through 18 years; screening for communicative disorders and otitis media; acoustic immittance screening; auditory screening of the developmentally delayed child; and screening follow-up issues. 10 figure. 8 tables.

Subject Category: Hearing. Speech.

Descriptors: Infants. Children. Hearing Loss. Hearing Evaluation. Guidelines. Risk Factors. Screening. Communication Disorders. Otitis Media.

95. **Otitis Media.**

Author(s): Northern, J. L., Downs, M. P.

Source: Hearing in Children (5th ed). Northern, J.L.; Downs, M.P. Philadelphia, PA. Lippincott Williams and Wilkins. 2002. pp. 65-89. ISBN: 0-683-30764-9 (hardcover).

Availability: Available from Lippincott Williams and Wilkins. P.O. Box 1620, Hagerstown, MD 21741. (800) 638-3030 or (301) 223-2300. Fax: (301) 223-2400. Website: www.lww.com.

Language: English.

Abstract: This chapter from a text on hearing in children provides an overview of otitis media. This inflammation of the middle ear, which is the most common childhood disease, creates a mild to moderate degree of conductive hearing loss by compromising the air conduction sound pathway. The chapter considers the economic impact of otitis media on national health expenditures, discusses the pathophysiology and

treatment of otitis media, and presents recommendations developed by the Agency for Health Care Policy and Research for the diagnosis and initial management of otitis media. Other topics include the complications associated with otitis media; middle ear effusion in neonates; the role of otitis media relative to the development of cognitive and linguistic function; and the management of the child with otitis media, focusing on medical intervention, language and speech screening, educational intervention, hearing aid placement, and management by professionals at an otitis media clinic. The chapter concludes with recommended audiologic guidelines issued by the American Academy of Audiology. 10 figures.

Subject Category: Hearing.

Descriptors: Infants. Children. Otitis Media. Ear Infections. Middle Ear. Inflammation. Conductive Hearing Loss. Diagnosis. Therapy. Cognitive Development. Language Development. Hearing Evaluation. Patient Care Management. Patient Care Team.

96. **Hearing in Children, (5th Ed).**

Author(s): Northern, J. L., Downs, M. P.

Source: Philadelphia, PA: Lippincott Williams and Wilkins. 2002. 466 pp. ISBN: 0-683-30764-9 (hardcover).

Availability: Available from Lippincott Williams and Wilkins. P.O. Box 1620, Hagerstown, MD 21741. (800) 638-3030 or (301) 223-2300. Fax: (301) 223-2400. Website: www.lww.com. PRICE: \$62.95 plus shipping and handling.

Language: English.

Abstract: This book presents the current state of knowledge on hearing and auditory disorders in infants, toddlers, and young children. Chapter 1 describes the nature of hearing loss, its effect on speech and language, and the degrees of hearing loss. Chapter 2 summarizes the development of the major anatomic components of the ear and provides an overview of the anatomy and physiology of the auditory system. Two following chapters provide an overview of otitis media and explore the medical aspects of hearing loss. Chapter 5 describes the auditory development in normal hearing infants and contrasts their auditory, speech, and language development with infants who have significant hearing impairment. The next two chapters describe behavioral and physiologic hearing tests. Chapter 8 focuses on hearing screening in children. Remaining chapters explain the task of selecting and fitting hearing aids for children and discuss the education of hearing-impaired children. The book features an alphabetized appendix of various syndromes and disorders associated with congenital deafness. Numerous figures. Numerous tables. Numerous references.

Subject Category: Hearing.

Descriptors: Infants. Children. Hearing Loss. Hearing Impaired Persons. Hearing Development. Auditory System. Anatomy. Physiology. Otitis Media. Congenital Anomalies. Early Intervention. Hearing Evaluation. Diagnostic Tests. Screening. Hearing Aids. Education of the Hearing Impaired.

97. **Education of Hearing-Impaired Children.**

Author(s): Northern, J. L., Downs, M. P.

Source: Hearing in Children (5th ed). Northern, J.L.; Downs, M.P. Philadelphia, PA. Lippincott Williams and Wilkins. 2002. pp. 341-375. ISBN: 0-683-30764-9 (hardcover).

Availability: Available from Lippincott Williams and Wilkins. P.O. Box 1620, Hagerstown, MD 21741. (800) 638-3030 or (301) 223-2300. Fax: (301) 223-2400. Website: www.lww.com.

Language: English.

Abstract: This chapter from a text on hearing in children focuses on the education of hearing-impaired children. It begins by presenting education goals for the child with hearing impairment, including achievement of adequate language skills and the establishment of sound mental health, intelligible speech, and easy communication with peers. This section is followed by a discussion of federal legislative acts dealing with education for handicapped children and the current status of education of the deaf. Other topics include challenges in teaching the deaf; the use of an individualized education plan for hearing-impaired students; predictors of success for hearing-impaired children; educational methodologies such as the auditory oral method, visual oral methods, American Sign Language, the Rochester method, and total communication; other sign systems, including Cued Speech, Seeing Essential English, and Signing Exact English; the verbotonal method; mainstreaming; and deafness and visual acuity. The chapter concludes with a discussion of parent training. 3 figures. 3 tables.

Subject Category: Hearing. Language. Speech.

Descriptors: Children. Education of the Hearing Impaired. Hearing Loss. Deafness. Language Development. Speech Development. Communication Development. Mental Health. Legislation. IDEA. IEP. American Sign Language. Cued Speech. Parent Education.

98. **Dreams Spoken Here.**

Author(s): Oberkotter Foundation.

Source: Denver, CO: Oberkotter Foundation. 2002.

Availability: Available from the Oberkotter Foundation. (877)

ORALDEAF. TTY: (877) 672-5889. Web site:

www.oraldeafed.org/materials. PRICE: Single copy free.

Language: English.

Abstract: This 20-minute video introduces the viewer to oral deaf education, including information on educational techniques and recent advances in hearing aids and cochlear implants.

Subject Category: Hearing. Speech. Language.

Descriptors: Deafness. Deaf Persons. Hard of Hearing Persons. Hearing Impaired Persons. Children. Oral Deaf Education. Oral Education. Auditory Oral Method. Auditory Verbal Method. Oral Auditory Method. Educational Methods. Education. Education of the Hearing Impaired. Hearing Aids. Cochlear Implants.

99. **Speaking for Myself.**

Author(s): Oberkotter Foundation.

Source: Denver, CO: Oberkotter Foundation. 2002.

Availability: Available from the Oberkotter Foundation. (877)

ORALDEAF. TTY: (877) 672-5889. Web site:

www.oraldeafed.org/materials. PRICE: Single copy free.

Language: English.

Abstract: This 10-minute closed-captioned video provides a brief introduction to the educational practices that teach deaf children how to speak (also known as oral deaf education).

Subject Category: Hearing. Speech. Language.

Descriptors: Deafness. Deaf Persons. Hard of Hearing Persons. Hearing Impaired Persons. Children. Oral Deaf Education. Oral Education. Auditory Oral Method. Auditory Verbal Method. Oral Auditory Method. Educational Methods. Education. Education of the Hearing Impaired.

100. **Make a Joyful Noise.**

Author(s): Oberkotter Foundation.

Source: Denver, CO: Oberkotter Foundation. 2002.

Availability: Available from the Oberkotter Foundation. (877)

ORALDEAF. TTY: (877) 672-5889. Web site:

www.oraldeafed.org/materials/prk/index.html. PRICE: Single copy free.

Language: English. Spanish.

Abstract: This information package is developed for parents and professionals interested in obtaining introductory medical and educational information related to deaf and hard-of-hearing infants and children. Included are a video, handbook, reading list, and other print materials. The video provides a brief introduction to oral deaf education and includes information on hearing aids and cochlear implants. The handbook provides introductory information on the causes of hearing loss, communication options, and advocacy tips, as well as a description of auditory technologies, hearing tests, and helpful resources. The other printed materials direct parents to literature on issues such as parenting, educational options, and early intervention.

Subject Category: Hearing. Speech. Language.

Descriptors: Oral Education. Auditory Oral Method. Auditory Verbal Method. Oral Deaf Education. Oral Auditory Method. Deafness. Hearing Loss. Children. Infants. Hard of Hearing Persons. Hearing Impaired Persons. Deaf Persons. Education of the Hearing Impaired. Hearing Aids. Cochlear Implants. Early Identification. Early Intervention Programs. Parent Education. Communication Strategies. Communication Methods. Educational Methods.

101. **Interpreting In Medical Settings.**

Author(s): Patrie, C. J.

Source: Harris Communications. Eden Prairie, MN. 2002.

Availability: Available from Harris Communications, Inc. 15155

Technology Drive, Eden Prairie, MN 55344. 800-825-6758 (Voice). 800-825-9187 (TTY). Fax: 952-906-1099. E-mail: mail@harriscomm.com; Web site: http://www.harriscomm.com. PRICE: \$39.95 plus shipping and handling.

Language: English.

Abstract: Viewers are able to see and study normally private or restricted medical interpreting situations. The materials are essential for the classroom as teachers guide their students through in-depth discussions of unrehearsed and unscripted interpreted interaction, all without interfering in the dialogue or interpretation. All participants learned American Sign Language as adults. Interpreting in Medical Settings is recommended for use by working interpreters as an independent study tool to earn CEUs. VHS and handbook set: 44 minutes; closed captioned.

Subject Category: Hearing.

Descriptors: Sign Language. Sign Language Interpretation.

102. **Introduction to Clinical Methods in Communication Disorders.**

Author(s): Paul, R.

Source: Baltimore, MD: Paul H. Brookes Publishing Co. 2002.

Availability: Available from Paul H. Brookes Publishing Co., P.O. Box 10624, Baltimore, MD 21285-0624. Toll-free: (800) 638-3775. International calls: (410) 337-9580. Fax: (410) 337-8539. E-mail: custserv@brookespublishing.com. Web site: www.brookespublishing.com. ISBN: 1-55766-526-5. PRICE: \$39.95 plus shipping, tax, and handling. Available in soft cover.

Language: English.

Abstract: This collection of 11 articles is intended to introduce processes, settings, and issues regarding clinical practice to current and future speech-language pathologists (SLPs) and audiologists. Topics include: ethics, assessment, physical examination of speech, assessment of samples of communicative behavior, intervention procedures, clinical practitioners' communication skills, rules and regulations governing clinical practice, clinical environments, new technologies, and the role of families in the clinical process. The clinical methods described in the text are intended to be applicable for practice with clients of any age or disability.

Subject Category: Hearing. Voice. Speech. Language.

Descriptors: Speech Language Pathologists. Speech Language Pathology. Speech Language Therapy. Audiologists. Audiology. Clinical Services. Health Care Facilities. Hearing Health Care. Ethics. Assessment. Examination. Intervention. Legal Factors. Technology. Patient Care Team. Patient Care Management. Professional-Patient Relations.

103. **Caring for Your Hearing Aid(s).**

Author(s): Pindzola, K. A.

Source: Voice International Publications. Hearing Health: The Resource Guide. 2002:18(2) 12-13.

Availability: Available from Deafness Research Foundation. 1050 17th Street, NW, Suite 701, Washington, DC 20036. Voice: (202) 289-5850. Fax: (202) 293-1805. E-mail: info@hearinghealthmag.com. Web site: http://www.hearinghealthmag.com. PRICE: this issue \$6.95.

Language: English.

Abstract: This article tells how to care for hearing aids and reduce hearing aid performance and failure.

Subject Category: Hearing.

Descriptors: Hearing Aids. Assistive Devices. Care and Maintenance. Hearing Aid Drying Systems. Active Drying Systems. Passive Drying Systems.

104. **Providing Services for Students Who Are Hard of Hearing in Postsecondary Education: Questions and Answers.**

Author(s): Rawlinson, S., Trychin, S., Davis, C., Brennan-Dore, C., Buchkoski, D.

Source: St. Paul, MN: Midwest Center for Postsecondary Outreach. 2002.

Availability: Available from the Postsecondary Education Programs Network (PEPNet) consortium. 18111 Nordhoff Street, Northridge, CA 91330-8267. (818) 677-2145. Toll-free: (888) 684-4695. TTY: (818) 677-2665. Fax: (818) 677-7693. Web site: www.pepnet.org. PRICE: Single copy free.

Language: English.

Abstract: In March 2001, the Midwest Center for Postsecondary Outreach (part of the Postsecondary Program Network), held a video teleconference entitled "Services for the Hard of Hearing Student in Postsecondary Education." This document answers 33 key questions that arose from that session and provides additional technical assistance to institutions of higher learning to better understand their obligations when serving hard-of-hearing students. A videotaped copy of the teleconference can also be obtained from the PEPNet Resource Center.

Subject Category: Hearing.

Descriptors: Education of the Hearing Impaired. Hearing Impaired Persons. Hard of Hearing Persons. Deaf Persons. Deafness. Postsecondary Education. Sign Language Interpreters. Interpreter Training. Classroom. Education. Educational Setting. Educational Factors. Academic Factors. Accessibility. Accommodations. Disabilities. College Students. Students.

105. **Special Education and Related Services: Communicating Through Letter Writing.**

Author(s): Rebhorn, T., Kupper, L.

Source: Washington, DC: National Information Center for Children and Youth with Disabilities (NICHCY).

Availability: Available from National Information Center for Children and Youth with Disabilities (NICHCY). P.O. Box 1492, Washington, DC 20013-1492. October 2002. 24 p. Voice/TTY (800) 695-0285 or (202) 884-8200. E-mail: nichcy@aed.org. Website: http://www.nichcy.org. PRICE: \$2 each. Order Number PA9.

Language: EN.

Abstract: This guide presents a general overview of eligibility for special education and related services, parents' rights and responsibilities pertaining to special education, and schools' rights and responsibilities. The authors encourage parents to communicate through letter writing and they identify times when writing a letter is useful or necessary. The term 'parent' is used throughout the guide to include foster parents, legal guardians, or any primary caregiver who is functioning as a parent. The guide includes sample letters to discuss a problem, request an initial evaluation for special education services, and request a meeting to review the IEP. Sample letters are also provided on how to request a change of placement, an independent evaluation and a due process hearing. It also covers how to write a follow-up letter and give positive feedback. 1 figure.

Subject Category: Hearing. Speech. Language.

Descriptors: Special Education. Parents. School Services. Communication. Writing Skills. Special Education Programs. Educational Setting. Least-Restrictive Environment. Educational Placement. Evaluation.

106. **Exemplary Practices for Beginning Communicators: Implications for AAC.**

Author(s): Reichle, J., Beukelman, D. R., Light, J. C.

Source: Baltimore, MD: Paul H. Brookes Publishing Co. 2002.

Availability: Available from Paul H. Brookes Publishing Co., P.O. Box 10624, Baltimore, MD 21285-0624. Toll-free: (800) 638-3775. International calls: (410) 337-9580. Fax: (410) 337-8539. E-mail: custserv@brookespublishing.com. Web site:

www.brookespublishing.com. ISBN: 1-55766-529-X. PRICE: \$45 plus shipping, tax, and handling. Available in hardcover.

Language: English.

Abstract: This book is a collection of fourteen essays on augmentative and alternative communication (AAC), an area of study that involves the use of gestures (e.g., natural gestures, sign language) or graphics (e.g., photographs, drawings) to supplement or replace spoken communication. The writings focus on helping individuals with congenital disabilities to develop an initial repertoire of functional communication skills. Particular emphasis is given to the importance of developmentally and chronologically appropriate educational and clinical practices. The writings provide a scholarly discussion of strategies and issues to advance the AAC field in general, and to develop AAC systems in particular. Topics cover a broad range of AAC issues, including intervention strategies, partner responsiveness, establishing basic communicative functions, empowering beginning communicators, research in AAC, communicative repair, access issues, selection techniques, and comprehension skills.

Subject Category: Hearing. Voice. Speech. Language.

Descriptors: Augmentative Communication. Alternative Communication. Augmentative and Alternative Communication. Communication Disorders. Communication Skills. Communication Options. Communication

Strategies. Language. Sign Language. American Sign Language. ASL. Manual Alphabet. Manual Education. Cued Speech. Interpreting. Oral Education. Speechreading.

107. **Otitis Externa: A Clinical Overview.**

Author(s): Schapowal, A.

Source: ENT-Ear Nose and Throat Journal. Supplement 1. Current and Emerging Management Strategies in Chronic Ear Disease: Proceedings of a Clinical Symposium. 2002;81(8): 21-22.

Availability: Available from ENT-Ear Nose and Throat Journal. Medquest Communications LLC. 3800 Lakeside Avenue, East, Suite 201, Cleveland, Ohio 44114. Voice: (216) 391-9100. Fax: (216) 391-9100. E-mail: circulation@entjournal.com. PRICE: 1-10 \$5.

Language: English.

Abstract: This article discusses treatments for diseases of the external ear, classified as non-specific and specific inflammations. The article concludes with a comment section written by the author and two other health professionals. 1 reference.

Subject Category: Balance. Hearing.

Descriptors: External Ear. Outer Ear. Ear. Ear Diseases. Otitis Externa. Inflammation. Furunculosis. Herpes Zoster Oticus. Bullous Myringitis. Malignant Otitis Externa. Otomycosis. Eczema. Contact Dermatitis.

108. **Theory of Mind: Language and Cognition in Deaf Children.**

Author(s): Schick, B., de Villiers, J., de Villiers, P., Hoffmeister, B.

Source: The ASHA Leader. December 3, 2002. 7(22). p. 6-7+.

Availability: Available from the American Speech-Language-Hearing Association. 10801 Rockville Pike, Rockville, MD 20852-3279. (301) 897-0157. TTY: (301) 897-0157. Fax: (301) 571-0457. Web site: <http://professional.asha.org/news/>. PRICE: Available free online at <http://professional.asha.org/news/f021203.cfm>.

Language: English.

Abstract: Theory of mind refers to the ability of a child to understand that people have different thoughts, wants, and beliefs, and a person's behavior can be predicted based on what he or she thinks or believes. Although children develop an understanding of theory of mind at roughly four years of age, research has shown that deaf children can experience significant delays in understanding the concept. This article discusses the concept of theory of mind in regard to deaf children, and reports the results of an NIDCD-funded study that investigates whether deaf children are equally delayed in their theory-of-mind skills for tasks that employ language as well as tasks that do not.

Subject Category: Hearing. Language.

Descriptors: Theory of Mind. Language. Language Development. Language Disorders. NIDCD. National Institute on Deafness and Other Communication Disorders. Learning Disorders. Learning Disabilities. Cognition. Deaf Persons. Deafness. Hearing Impaired Persons. Children. Language Skills. Social Skills.

109. **Information For the Hearing-Impaired Student: An Internet Site Review.**

Author(s): Sullivan, R. F.

Source: The Hearing Journal. 55(7): 37. July 2002.

Availability: Available from Lippincott Williams and Wilkins. Customer Service, P.O. 1175, Lowell, MA 01853. (978) 262-9611. Fax: (978) 262-9617. Website: <http://www.thehearingjournal.com>.

Language: English.

Abstract: The author reviews an web site that provides a wide range of Internet references and training material useful for post-secondary education and rehabilitation of deaf and hard-of-hearing students. The site is maintained by the coordinator at Western Oregon University of the Northwest hub of the Western Outreach Center and Consortia.

Subject Category: Hearing.

Descriptors: Hearing Impaired. Hard-of-Hearing. Deafness. Patient Resource. Post-Secondary Rehabilitation. Post-Secondary Education Resource. Hearing Impaired Students.

110. **Hearing Conservation Manual, Fourth Edition.**

Author(s): Suter, A. H.

Source: Council for Accreditation in Occupational Hearing Conservation. Milwaukee, WI. 2002.

Availability: Available from Council for Accreditation in Occupational Hearing Conservation. 611 E. Wells Street, Milwaukee, WI 53202-3816. Voice: (414) 276-5338. Fax: (414) 276-2146. E-mail: info@caohc.org. Web site: <http://www.caohc.org>. PRICE: Single copy \$55, includes handling and shipping. Discounts on volume purchases. ISBN 0-9723143-0-X.

Language: English.

Abstract: This manual is written for use by members of hearing conservation teams in industry, military or mining, including occupational hearing conservationists, audiologists, physicians, industrial hygienists, acoustical engineers, safety engineers, and others. It is intended to be a front-line defense against hearing loss in employees. The fourth edition contains valuable information and significant revisions including how to set up and maintain a hearing conservation program; how the hearing conservation team works to prevent hearing loss; updated and expanded regulatory information from OSHA and MSHA; quick reference table comparing OSHA/MSHA/NIOSH; OSHA and MSHA program compliance checklists; three American National Standard Institute (ANSI) documents; NHCA guidelines for revision of baseline audiograms; a current survey of workers' compensation regulations in North America; expanded information on audiometric equipment and procedures, noise measuring instrumentation, and hearing protectors; reprints of valuable articles on hard-to-test workers, tips for fitting hearing protectors, and noise controls; updated photos and graphs; and references to valuable Web sites and useful documents in print. 312pp.

Subject Category: Hearing.

Descriptors: Occupational Hearing Conservation. Noise Induced Hearing Loss. Hearing Disorders. Workplace Regulations. Audiometric Testing. Noise Control. Occupational Health Program. Employee Health. Employer Education. Professional Education. Workplace Health.

111. **Hearing Conservation Manual. 4th Ed.**

Author(s): Suter, A. H.

Source: Milwaukee, WI: Council for Accreditation in Occupational Hearing Conservation (CAOHC). 2002. 303 pp.

Availability: Available from Council for Accreditation in Occupational Hearing Conservation. 555 East Wells Street, Suite 1100, Milwaukee, Wisconsin 53202-3816. (414) 276-5338. PRICE: \$55 plus shipping and handling. ISBN: 0-9723143-0-X.

Language: English.

Abstract: The field of occupational hearing conservation is a dynamic one requiring that its practitioners regularly monitor changes in regulations, equipment, and procedures. This manual is intended to provide a text for training programs in occupational hearing conservation, and therefore the mission, training, and role of the Occupational Hearing Conservationist (OHC) is the primary focus. The manual includes chapters on noise and the conservation of hearing, the effects of noise, hearing loss, tinnitus, communication interference, effects on job performance, benefits of a good hearing conservation program, major components of a hearing conservation program, anatomy and physiology of the human ear, disorders of hearing, the nature of sound, federal and state regulations for occupational noise exposure, the audiometric testing program, understanding the audiogram, the importance of follow up procedures, noise measurement and control, hearing protectors, training and motivation, and record keeping and program evaluation. Each chapter includes a self quiz, a list of abbreviations, and a list of recommended reading. The manual concludes with appendices of the CAOHC course outline, the OSHA Noise Standard, the OSHA compliance checklist, a worker compensation survey, the American National Standard Methods for Manual Pure Tone Threshold Audiometry, audiovisual materials, samples of forms, a program evaluation checklist, a draft American National Standard evaluating the effectiveness of hearing conservation programs, and quiz answers.

Subject Category: Hearing.

Descriptors: Noise Induced Hearing Loss. Occupational Hearing Loss. Professional Education. Noise Measurement. Hearing Loss. Industry. Guidelines. Audiometry. Hearing Evaluation. Hearing Protection Devices. Hearing Conservation Programs. Equipment and Supplies.

112. **Living With Hearing Loss: Workbook, Revised Edition.**

Author(s): Trychin, S.

Source: The Living With Hearing Loss Program Series. Erie, PA. May 2002. 77p.

Availability: Available from Sam Trychin, Ph.D., 212 Cambridge Road,

Erie, PA 16511. (814) 897-1194. E-mail: samtrychin@adelphia.net. Web site: www.trychin.com. PRICE: \$23, shipping and handling included.

Language: English.

Abstract: This book surveys the broad range of interpersonal, personal, and physical issues and problems associated with hearing loss that are frequently reported by people whom are hard of hearing and their family members. This book is useful for family members, friends, and coworkers as well as for those who are hard of hearing. It is also useful for professionals who provide services to people who are hard of hearing and their families. Each section of the workbook has practice exercises aimed at reducing some of the difficulties associated with hearing loss. Includes resources and references.

Subject Category: Hearing.

Descriptors: Hearing Loss. Deafness. Hard-of-Hearing. Patient Resource.

113. *Strategies for Selecting and Verifying Hearing Aid Fittings, 2nd Ed.*

Author(s): Valente, M.

Source: New York: Thieme. 2002.

Availability: Available from Thieme New York. 333 Seventh Avenue, New York, NY 10001. Toll-free: (800) 782-3488. Fax: (212) 947-1112. E-mail: customerservice@thieme.com. Web site: <http://www.thieme.com>. ISBN: 1-58890-102-5. PRICE: \$55 plus shipping, tax, and handling. Available in hardcover.

Language: English.

Abstract: This book, in its second edition, is a collection of fourteen articles on the selection and verification of hearing aid fittings. Three new chapters have been added since the first edition, covering middle ear implants, hearing aid counseling, and infection control. Fitting and selection strategies are discussed for each of the most common types of hearing loss: noise-induced, symmetrical, asymmetrical, unilateral, conductive, and severe/profound. Special emphasis is given to both the decision-making process for selecting fittings and the latest technology used in the selection and fitting process. A companion text, entitled, "Hearing Aids: Standards, Options, and Limitations" provides additional information on hearing aid fitting and performance.

Subject Category: Hearing.

Descriptors: Hearing Aids. Linear Hearing Aids. Nonlinear Hearing Aids. Signal Processing. Assistive Devices. Assistive Listening Devices. Implantable Hearing Aids. Care and Maintenance. Hearing Aid Dispensing. Hearing Aid Fitting. Middle Ear Implants. Hearing Aid Counseling. Infection Control. Technology. Deafness. Deaf Persons. Hard of Hearing Persons. Hearing Impaired Persons.

114. *Hearing Aids: Standards, Options, and Limitations, 2nd Ed.*

Author(s): Valente, M.

Source: New York: Thieme. 2002.

Availability: Available from Thieme New York. 333 Seventh Avenue, New York, NY 10001. Toll-free: (800) 782-3488. Fax: (212) 947-1112. E-mail: customerservice@thieme.com. Web site: www.thieme.com. ISBN: 1-58890-103-3. PRICE: \$59 plus shipping, tax, and handling. Available in hardcover.

Language: English.

Abstract: This book, in its second edition, is a collection of nine articles on the theory and application of the latest technology in hearing aids. Four new chapters have been added since the first edition, covering non-linear signal processing, advances in microphone technology, digital signal processing, and assistive listening devices. The articles provide graduate students and dispensing audiologists with guidelines on analyzing different microphones, receivers, telecoils, and amplifiers. Problems with distortion and noise in hearing aids are specifically addressed to give professionals the knowledge to order the proper hearing aid that will provide maximum amplification while minimizing distortion. A companion text, entitled, "Strategies for Selecting and Verifying Hearing Aid Fittings" provides additional information on the hearing aid fitting and performance.

Subject Category: Hearing.

Descriptors: Hearing Aids. Linear Hearing Aids. Nonlinear Hearing Aids. Signal Processing. Assistive Devices. Assistive Listening Devices. Implantable Hearing Aids. Care and Maintenance. Hearing Aid Dispensing. Hearing Aid Fitting. Middle Ear Implants. Hearing Aid Counseling. Infection Control. Technology. Deafness. Deaf Persons. Hard of Hearing Persons. Hearing Impaired Persons.

115. *PRO-ED 2003 Catalog: Special Education, Gifted, and Developmental Disabilities.*

Source: Austin, TX: PRO-ED, Inc. 2003. 211 p.

Availability: Available from PRO-ED, Inc. 8700 Shoal Creek Boulevard, Austin, TX 78757-6897. (800) 897-3202 or (512) 451-3246; Fax: (800) 397-7633. Web site: <http://www.proedinc.com>. PRICE: Single copy free.

Language: English.

Abstract: This catalog lists tests, instructional materials, books and teacher materials, and journals in the areas of special education, developmental disabilities, rehabilitation, and gifted students. Tests cover topics including intelligence; auditory and visual perception; motor skills; social and emotional behavior; autism; attention deficit disorder; adaptive behavior and functional living skills; gifted; academic achievement and readiness; comprehensive language; oral language; hearing impairment; reading, writing and spelling; mathematics; and occupational and vocational testing. Instructional materials, books, and teacher materials are also available in these topic areas. Each item is described in detail and illustrated with a full-color photograph. Brief information about related professional journals is noted. Pricing information is included. The catalog includes an author index, a title index, and order forms.

Subject Category: Speech. Language. Hearing.

Descriptors: Special Education. Assessment Instrument. Diagnostic Tests. Curriculum Guides. Instructional Materials. Intelligence. Developmental Disorders. Attention Deficit Disorder. Hearing Impairment. Language Disorders. Spelling. Auditory Perception.

116. *Is That What You Think?: A Cognitive Approach for Reducing Stress Related to Hearing Loss.*

Source: The Living With Hearing Loss Program Series. Erie, PA. 2003. 58p.

Availability: Available from Sam Trychin, Ph.D., 212 Cambridge Road, Erie, PA 16511. (814) 897-1194. E-mail: samtrychin@adelphia.net. Web site: www.trychin.com. PRICE: \$23, shipping and handling included.

Abstract: People often suffer needless distress about events they experience because of the way they interpret or appraise those situations. This book examines the kinds of thoughts and beliefs related to hearing loss that contribute to the distress frequently observed in people who are hard of hearing and their family members. The book also provides suggestions and procedures for changing dysfunctional, stress-producing thoughts in order to feel better and free up energy for more productive pursuits.

Subject Category: Hearing.

Descriptors: Deafness. Hearing Disorder. Hearing Loss. Hard-of-Hearing. Communication. Family Guide. Patient Resource.

117. *CEC Catalog Fall 2003.*

Source: Arlington, VA: Council for Exceptional Children (CEC). 2003. 38 p.

Availability: Available from The Council for Exceptional Children. 1110 North Glebe Road, Suite 300, Arlington, VA 22201-5704. 888-232-7733; 703-620-3660; 866-915-5000 (TTY); 703-264-9494 (FAX). E-mail: service@cec.sped.org. Web site: <http://www.cec.sped.org>. PRICE: single copy free.

Language: EN.

Abstract: This catalog lists products to help teachers of children with special needs. Publications are listed in these categories: basic skills for teachers, behavior management, teaching strategies, attention deficit disorder, collaboration, inclusive practices, special needs and multiculturalism, transition, gifted children, early childhood, law and advocacy, professional development, assessment, behavioral disorders, and children at risk. The catalog also includes Council for Exceptional Children (CEC) journals, division journals, and information about symposia, conventions, professional activities, and membership. Each item in the catalog is described, with some photographs provided. Pricing information is provided for all materials in the catalog. The catalog includes an index, ordering information, and an order form.

Subject Category: Hearing. Language.

Descriptors: Communication Disorders. Special Education. Instructional Materials. Teaching Strategies. Educational Methods. Children. Behavioral Problems. Attention Deficit Disorder. Risk Factors. Professional Development. Multiculturalism. Independent Living Skills. Legal Factors.

118. **Noise and You.**

Source: South Deerfield, MA: Channing L. Bete Company, Inc. 2003. 15 p.

Availability: Available from Channing L. Bete Company, Inc. 200 State Road, Department GSA, South Deerfield, MA 01373-0200. (800) 628-7733. Fax: (800) 499-6464. Website: www.channingbete.com. PRICE: \$1.15 each plus shipping and handling; bulk orders available. Item Number PS48876.

Language: English.

Abstract: This general information booklet discusses how noise can affect one's hearing. Topics include the anatomy and physiology of the ear; how the intensity and frequency of sound are measured; types of noise related hearing loss, including temporary, gradual, and traumatic hearing losses; noisy machines and environments, including at work, at home, from motor vehicles, and in leisure activities; steps to take to reduce environmental noise; and devices to protect one's hearing, including ear plugs, canal caps, and earmuffs. The brochure is illustrated with simple, cartoon-like drawings to emphasize the concepts presented.

Subject Category: Hearing.

Descriptors: Noise-Induced Hearing Loss. Hearing Protection Devices. Hearing Conservation. Health Promotion. Health Education. Prevention. Ear. Anatomy. Noise Measurement. Equipment and Supplies. Occupational Hearing Loss. Recreation. Home Environment.

119. **Treating Middle Ear Infections to Protect Your Child's Health and Hearing.**

Source: San Bruno, CA: Staywell Company. 2003. 16 p.

Availability: Available from Staywell Company. Order Department, 100 Grundy Lane, San Bruno, CA 94066-3030. (800) 333-3032. PRICE: \$1.50 each; bulk discounts available. Order Number 1635.

Language: English.

Abstract: This educational brochure, written in non-technical language, provides parents with information about middle ear infections in children. The brochure discusses treatment options, including medical care, antibiotics, and surgical care. The brochure addresses the anatomy of the middle ear and its role in hearing, how ear infections are diagnosed, and identifying hearing loss. The brochure provides information on surgical options, including deciding about and preparing for surgery, the tympanostomy procedure, postoperative concerns, and care for a child with tubes in place. The brochure concludes with guidelines for preventing future ear infections. The brochure is illustrated with full-color drawings of children, parents, and health care providers from a range of ethnic groups.

Subject Category: Hearing.

Descriptors: Ear Infections. Middle Ear. Children. Parent Education. Diagnosis. Therapy. Myringostomy. Surgery. Surgical Techniques. Diagnostic Tests. Hearing Evaluation. Prevention. Risk Factors. Preoperative Care. Postoperative Care. Antibiotics.

120. **Relaxation Training Manual for People Who Are Hard-of-Hearing: Procedures for Reducing Stress Related to Hearing Loss, Revised Edition.**

Source: The Living With Hearing Loss Program Series. Erie, PA. 2003. 58p.

Availability: Available from Sam Trychin, Ph.D., 212 Cambridge Road, Erie, PA 16511. (814) 897-1194. E-mail: samtrychin@adelphia.net. Web site: www.trychin.com. PRICE: \$23, shipping and handling included.

Abstract: Communication difficulties resulting from hearing loss produce stress for many people-hearing family members as well as those who are hard of hearing or late-deafened. People who have cochlear implants may also, at various stages, experience high levels of stress. Ordinarily, stress interferes with focusing attention, effective thinking, and problem solving, resulting in a cycle in which communication difficulties produce stress which, in turn, contributes to further communication difficulties. One effective way to break this cycle and reduce the effects of stress is to learn to relax. Relaxation in this regard is a technical term that means altering various physiological states or body conditions, e.g., decontracting the muscles, lowering blood pressure, deepening respiration, etc. There are several methods for achieving this type of relaxation, and this book describes these methods and their benefits.

Subject Category: Hearing.

Descriptors: Deafness. Hearing Disorder. Hearing Loss. Hard-of-Hearing. Relaxation Therapy. Family Guide. Patient Resource.

121. **Actions Speak Louder Than Words: Tips for Putting On Skits Related to Hearing Loss, Revised Edition.**

Source: The Living With Hearing Loss Program Series. Erie, PA. 2003. 58p.

Availability: Available from Sam Trychin, Ph.D., 212 Cambridge Road, Erie, PA 16511. (814) 897-1194. E-mail: samtrychin@adelphia.net. Web site: www.trychin.com. PRICE: \$25, shipping and handling included.

Abstract: People learn many things by observing others do them. Showing people by example is an efficient and effective way to convey information. The role-playing examples of situations that produce communication problems for people who are hard-of-hearing and for those who live with them provide the audience with opportunities to practice identifying problems portrayed in skits; identifying the specific causes of those problems; and identifying alternative, effective communication behavior. The author suggests using these skits as a way of conveying information and generating discussion in self-help group meetings, and group counseling sessions. This book contains 21 skits of difficult communication situations experienced by people who are hard of hearing. It also contains information for each skit about the actors and props needed, discussion questions for the audience, and comments made by previous audiences. The scripts provided in the text are in a format that can be prepared as overheads for visual presentation.

Subject Category: Hearing.

Descriptors: Deafness. Hearing Disorder. Hearing Loss. Hard-of-Hearing. Communication. Family Guide. Patient Resource.

122. **Tips for Communicating With Deaf Employees.**

Source: Rochester, NY: Center on Employment, National Technical Institute for the Deaf (NTID), Rochester Institute of Technology (RIT). 2003.

Availability: Available from Center on Employment, National Technical Institute for the Deaf (NTID), Rochester Institute of Technology (RIT), Lyndon B. Johnson Building, 52 Lomb Memorial Drive, Rochester, NY 14623-5604. (585) 475-6834 or (585) 475-6219. TTY: (585) 475-6219. Fax: (585) 475-7570. PRICE: 25 copies are free; \$0.30 for each additional copy. Information is online at www.rit.edu/ntid/coops/jobs.

Language: EN.

Abstract: This brochure provides guidelines for communicating with employees who are deaf. After an introductory section reminding readers of the variety of ways in which deaf people communicate, the brochure discusses communication in seven sections: one-to-one, in a group, through and interpreter, at an interview, at work, in writing, and on the telephone. In each section, suggestions are provided in list format, with brief recommendations for each suggestion. The brochure concludes with a glossary of related terms. Black-and-white photographs depict work-related settings.

Subject Category: Hearing.

Descriptors: Deaf Persons. Employment. Communication Strategies. Workplace. Employers. Communication. Employees. Psychosocial Factors. Interpreters. Writing Skills. Workplace Barriers.

123. **Hearing Conservation: A Guide to Preventing Hearing Loss.**

Source: San Bruno, CA: Krames Communications. 2003. 16 p.

Availability: Available from Krames Communications. 1100 Grundy Lane, San Bruno, CA 94066-3030. (800) 333-3032. PRICE: \$1.25 plus shipping and handling; bulk discounts available. Stock Number 1092.

Language: English. Spanish.

Abstract: This brochure provides basic health education information about hearing conservation. Designed as a guide to preventing hearing loss, the brochure covers the problem of noise pollution; how hearing protection devices can help prevent noise-induced hearing loss; the physiology of normal hearing; audiological tests that measure hearing; noise and hearing loss; how different intensities of sound affect the hair cells; the components of a comprehensive hearing conservation program, including workplace testing to measure noise levels, hearing protectors, and hearing testing; and the benefits to be gained from a hearing conservation program. The brochure then describes the different types of hearing protectors, including disposable plugs, reusable plugs, headband plugs, and earmuffs. A final section provides suggestions for home and recreational safety and ear care tips. The brochure is illustrated in full-color drawings and written in clear, easy-to-understand language. It is available in either English or Spanish.

Subject Category: Hearing.

Descriptors: Noise-Induced Hearing Loss. Occupational Hearing Loss. Prevention. Hearing Protection Devices. Health Education. Equipment and Supplies. Health Promotion. Ear. Anatomy. Physiology. Hair Cells. Hearing Evaluation.

124. **Resources for Financial Assistance: Habilitation, Rehabilitation Services, Hearing Aids and Other Assistive Devices.**

Source: Washington, DC: Alexander Graham Bell Association for the Deaf. 2003. 15 p.

Availability: Available from Alexander Graham Bell Association for the Deaf. 3417 Volta Place, NW, Washington, DC 20007-2778. Voice- TTY (202) 337-5220. Web site: www.agbell.org/financialaid/resources.cfm. PRICE: Single copy free (send self-addressed, stamped business size envelope, \$0.75 postage), or download online.

Language: EN.

Abstract: This fact sheet, from the Alexander Graham Bell (A.G. Bell) Association for the Deaf, collects and summarizes financial aid programs available for individuals who have hearing impairment, including entrepreneurs, students seeking higher education and job training opportunities, and others. For some programs, the fact sheet outlines the target population, and the requirements. Many programs listed are designed for students and families committed to an auditory- oral philosophy of education. The listing also notes national organizations that offer combinations of local, state, or national scholarships.

Subject Category: Hearing.

Descriptors: Hearing Impaired Persons. Children. Adolescents. Education. Financial Aid. Auditory-Oral Method. Organizations. Oral Education. College Education. Information Resources. Voluntary Organizations. Eligibility. College Students. Government Agencies. Professional Organizations.

125. **Woodbine House Catalog: The Special Needs Collection.**

Source: Bethesda, MD: Woodbine House. 2003. [30 p.].

Availability: Available from Woodbine House. 6510 Bells Mill Road, Bethesda, MD 20817. (800) 843-7323; (301) 897-3570. Fax: (301) 897-5838. E-mail: info@woodbinehouse.com. Website: www.woodbinehouse.com. PRICE: Single copy free.

Language: English.

Abstract: This catalog lists forthcoming and current titles from Woodbine House publishers in the area of special needs. Subjects include adults with disabilities, attention deficit disorder, autism, children's books, epilepsy, facial difference, hearing impairment, learning disabilities, mental retardation, physical disabilities, siblings, special education, spina bifida, Tourette syndrome, and visual impairments. Each book is described in some detail and the catalog shows a black-and-white photograph of the cover. Brief information is provided about the authors of each book. Where available, excerpts from book reviews are included. Pricing information and the physical description of each book are also provided. The catalog concludes with a list of sales representatives, ordering information, and an order form.

Subject Category: Hearing. Speech. Language. Balance.

Descriptors: Information Resources. Disabilities. Special Education. Adults. Children. Hearing Loss. Learning Disabilities. Mental Retardation. Psychosocial Factors. Educational Settings. Family. Activities of Daily Living. Sexuality. Tourette Syndrome.

126. **PRO-ED 2003 Catalog: Speech, Language, and Hearing.**

Source: Austin, TX: PRO-ED, Inc. 2003. 220 p.

Availability: Available from PRO-ED, Inc. 8700 Shoal Creek Boulevard, Austin, TX 78757-6897. (800) 897-3202 or (512) 451-3246; Fax: (800) 397-7633. Web site: <http://www.proedinc.com>. PRICE: Single copy free.

Language: English.

Abstract: This catalog lists tests, curricular and therapy materials, and books in the areas of speech, language, and hearing. Materials are included on comprehensive language, semantics, syntax, articulation and phonological processing, pragmatics, fluency, voice and the speech mechanism, traumatic brain injury, aphasia, apraxia, dysarthria, intelligence-aptitude and developmental abilities, swallowing, cleft palate, cerebral palsy, and hearing impairment. Also included are curricular materials on reading, writing, and deaf education. Each item is described in detail and illustrated with a full-color photograph. Pricing information is included. The catalog includes an author index, a title index, and order forms.

Subject Category: Speech. Language. Hearing.

Descriptors: Speech Language Therapy. Language Assessment. Speech Evaluation. Assessment Instrument. Diagnostic Tests. Voice. Curriculum Guides. Instructional Materials. Aphasia. Apraxia. Voice Disorders. Brain Trauma. Developmental Disorders. Attention Deficit Disorder. Hearing Impairment. Phonological Disorders. Auditory Processing. Education of the Hearing Impaired.

127. **PRO-ED 2003 Catalog: Psychological Products.**

Source: Austin, TX: PRO-ED, Inc. 2003. 139 p.

Availability: Available from PRO-ED, Inc. 8700 Shoal Creek Boulevard, Austin, TX 78757-6897. (800) 897-3202 or (512) 451-3246; Fax: (800) 397-7633. Web site: <http://www.proedinc.com>. PRICE: Single copy free.

Language: English.

Abstract: This catalog lists psychological products in the categories of tests, books, and journals. There are materials on the following topics: intelligence and aptitude, auditory-visual perception and motor skills, traumatic brain injury and aphasia, autism and attention-deficit disorders, adaptive behavior and functional living skills, academic achievement and readiness, comprehensive language, oral vocabulary, writing and speaking, reading, mathematics, occupational-vocational-transition, assessment and testing, vocational rehabilitation and counseling, emotional and behavioral disorders, behavior management, mental retardation and other developmental disabilities, and current psychology topics. Each item is described in detail and illustrated with a full-color photograph. Pricing information is included. The catalog includes an author index, a title index, and order forms.

Subject Category: Speech. Language. Hearing.

Descriptors: Psychological Factors. Psychological Development. Assessment Instrument. Diagnostic Tests. Curriculum Guides. Instructional Materials. Brain Trauma. Developmental Disorders. Attention Deficit Disorder. Auditory Processing. Psychosocial Factors. Psychosocial Development. Special Education.

128. **Do You Know Your Child's Special Education Rights?**

Author(s): Ackerhalt, A. H., Wright, E. R.

Source: Volta Voices. May/June 2003. 10(3). p. 4-6.

Availability: AG Bell. 3417 Volta Place, NW, Washington, DC 20007.

Voice: (202) 337-5220. TTY (202) 337-5221. Fax: (202) 337-8314. E-mail: Publications@agbell.org. Web site: www.agbell.org.

Language: English.

Abstract: Children who have disabilities and who are under the age of 21 have certain rights guaranteed them by the Individuals with Disabilities Education Act (IDEA) to ensure that they receive appropriate intervention and education. This article, written by two attorneys, details for parents a child's rights under IDEA, differentiating between the rights guaranteed a child from birth to age two and those guaranteed a child from age 3 to 21. The article also lists for parents what their rights are as participants on their child's individualized education program (IEP) team.

Subject Category: Hearing. Speech. Language.

Descriptors: IDEA. Legislation. Federal Legislation. Disabilities. Learning Disabilities. Special Education. Education of the Hearing Impaired. Elementary Education. Secondary Education. Postsecondary Education. Parents. Children.

129. **Reading and AOM.**

Author(s): ADVANCE.

Source: ADVANCE for Speech-Language Pathologists and Audiologists. 13(45): 13,21. November 10, 2003.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. 610-278-1400. E-mail: advance@merion.com. Website: www.advanceweb.com.

Language: English.

Abstract: This article reports on study findings that recurrent middle ear infections (acute otitis media) with the associated various degrees of hearing losses, can impair reading performance in children. According to the report the study sought to assess the effects of early middle ear problems and the associated hearing loss on reading performance among eighty first and second graders 6.5 to 8 years old. The study subjects were matched with 80 children with no previous middle ear problems from the same schools and classes and the same gender selection, (40 boys and 40 girls.) Seventy-two percent of the study group were found to have an average hearing loss in the range of 26 to 35 dB.

Subject Category: Hearing. Language.

Descriptors: Ear Disease. Middle Ear Disease. Hearing Loss. Learning Disabilities.

130. **Gene Mutations That Cause Hearing Loss Are Discovered.**

Author(s): ADVANCE.

Source: ADVANCE for Speech-Language Pathologists and Audiologists. 13(45): 28. November 10, 2003.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. 610-278-1400. E-mail: advance@merion.com. Website: www.advancweb.com.

Language: English.

Abstract: This news article reports on findings by researchers from Michigan State University (MSU) Hearing Research Center. The researchers discovered a set of gene mutations that cause progressive hearing loss. According to the writer, such a discovery should provide significant clues in the hunt to solve the puzzle of acquired hearing loss. The project was partially funded by the National Institute on Deafness and Other Communication Disorders.

Subject Category: Hearing.

Descriptors: Hearing Loss. Research. Genetic Research. Acquired Hearing Loss.

131. **Pediatric Sinusitis.**

Author(s): American Academy of Otolaryngology-Head and Neck Surgery.

Source: Alexandria, VA: American Academy of Otolaryngology-Head and Neck Surgery. 2003.

Availability: Available from American Academy of Otolaryngology-Head and Neck Surgery. One Prince St., Alexandria, VA 22314-3357. (703) 836-4444. TTY: (703) 519-1585. Web site: www.entnet.org/kidsent. PRICE: Available free online.

Language: English.

Abstract: Sinusitis, or sinus infection, in children is marked by such symptoms as coughing, bad breath, crankiness, low energy, and swelling around the eyes, along with thick, yellow nasal drainage. This fact sheet tells parents how to know if their child has sinusitis, how sinusitis is diagnosed by a doctor, and possible treatments for both chronic and acute forms of sinusitis.

Subject Category: Hearing. Taste. Smell.

Descriptors: Nasal Problems. Children. Pediatric. Adolescents. Teens. Sinusitis. Sinus Infections. Pediatric Sinusitis. Sinus Disorders. Sinuses. Infections.

132. **A Quick Glossary for Good Ear Health.**

Author(s): American Academy of Otolaryngology-Head and Neck Surgery.

Source: Alexandria, VA: American Academy of Otolaryngology-Head and Neck Surgery. 2003.

Availability: Available from American Academy of Otolaryngology-Head and Neck Surgery. One Prince St., Alexandria, VA 22314-3357. (703) 836-4444. TTY: (703) 519-1585. Web site: www.entnet.org/kidsent. PRICE: Available free online.

Language: English.

Abstract: A trip to the doctor's office can introduce a new and sometimes confusing vocabulary to patients and their family. In order to facilitate communication between parents and a child's doctor, this fact sheet provides a glossary that defines terms that are related to earaches, a common childhood disorder.

Subject Category: Hearing.

Descriptors: Otitis Media. Ear Infections. Infections. Children. Pediatric. Acute Otitis Media. Chronic Otitis Media. Effusion. Bacteria. Antibiotic. Tympanostomy Tubes. Earaches. Middle Ear. Vocabulary. Glossary.

133. **Day Care and Ear, Nose, and Throat Problems.**

Author(s): American Academy of Otolaryngology-Head and Neck Surgery.

Source: Alexandria, VA: American Academy of Otolaryngology-Head and Neck Surgery. 2003.

Availability: Available from American Academy of Otolaryngology-Head and Neck Surgery. One Prince St., Alexandria, VA 22314-3357. (703)

836-4444. TTY: (703) 519-1585. Web site: www.entnet.org/kidsent.

PRICE: Available free online.

Language: English.

Abstract: According to the 2000 census, approximately 12 percent of preschoolers were enrolled in day care. A child who is enrolled in a day care center has an increased chance of getting sick because he or she is more likely to be exposed to infections carried by other children. This fact sheet describes a child's risk of exposure to an illness in a day care center as well as smart practices for preventing the spread of an illness.

Subject Category: Taste. Smell. Hearing.

Descriptors: Day Care Center. Otitis Media. Ear Infections. Infections. Middle Ear. Children. Pediatric. Acute Otitis Media. Chronic Otitis Media. Effusion. Earaches. Upper Respiratory Infections.

134. **Why Do Children Have Earaches?**

Author(s): American Academy of Otolaryngology-Head and Neck Surgery.

Source: Alexandria, VA: American Academy of Otolaryngology-Head and Neck Surgery. 2003.

Availability: Available from American Academy of Otolaryngology-Head and Neck Surgery. One Prince St., Alexandria, VA 22314-3357. (703) 836-4444. TTY: (703) 519-1585. Web site: www.entnet.org/kidsent. PRICE: Available free online.

Language: English.

Abstract: This fact sheet addresses the question of why children are more prone to earaches than adults are. The role of the eustachian tube, a small passageway that connects the upper part of the throat to the middle ear, is described, as well as the differences between chronic and acute otitis media and between otitis media and otitis media with effusion. Common treatments, such as antibiotics and surgery, are detailed, and the concept of antibiotic resistance is introduced.

Subject Category: Hearing.

Descriptors: Otitis Media. Ear Infections. Infections. Middle Ear. Children. Pediatric. Acute Otitis Media. Chronic Otitis Media. Effusion. Bacteria. Antibiotic. Tympanostomy Tubes. Earaches. OtoLAM. Amoxicillin. Azithromycin.

135. **Dizziness and Motion Sickness.**

Author(s): American Academy of Otolaryngology-Head and Neck Surgery.

Source: The American Academy of Otolaryngology-Head and Neck Surgery. 2003.

Availability: Available from the Vestibular Disorders Association. P.O. Box 13305, Portland, OR 97213. (800) 837-8428. E-mail: veda@vestibular.org. Website: <http://www.vestibular.org>. PRICE: \$3 member, \$4 non-member per single copy. Available online at the American Academy of Otolaryngology-Head and Neck Surgery <http://www.entnet.org/healthinfo/balance/dizziness.cfm>.

Language: English.

Abstract: This pamphlet answers some of the most commonly asked questions about dizziness and motion sickness (vertigo) and discusses physician care as well as strategies for self-management.

Subject Category: Balance. Hearing.

Descriptors: Dizziness. Vertigo. Treating Balance Disorders. Seasickness. Inner-Ear Disorder. Middle Ear Problems.

136. **Connecting the Dots: How Allergies Affect Your Child's Ears, Nose, and Throat.**

Author(s): American Academy of Otolaryngology-Head and Neck Surgery.

Source: Alexandria, VA: American Academy of Otolaryngology-Head and Neck Surgery. 2003.

Availability: Available from American Academy of Otolaryngology-Head and Neck Surgery. One Prince St., Alexandria, VA 22314-3357. (703) 836-4444. TTY: (703) 519-1585. Web site: www.entnet.org/kidsent. PRICE: Available free online.

Language: English.

Abstract: This fact sheet explains how allergies can lead to additional ear, nose, and throat problems in a child, such as ear infections, sore throats, snoring, and pediatric sinusitis, or sinus infection. It also describes appropriate treatment for both seasonal and year-round cases.

Subject Category: Hearing. Smell. Taste.

Descriptors: Hay Fever. Allergic Rhinitis. Allergies. Nasal Problems.

Children. Pediatric. Adolescents. Teens. Otitis Media. Ear Infections. Sore Throats. Snoring. Sinusitis. Sinus Infections. Pediatric Sinusitis. Sinus Disorders. Sinuses.

137. **Chronic Otitis Media (Middle Ear Infection) and Hearing Loss.**

Author(s): American Academy of Otolaryngology-Head and Neck Surgery.

Source: Alexandria, VA: American Academy of Otolaryngology-Head and Neck Surgery. 2003.

Availability: Available from American Academy of Otolaryngology-Head and Neck Surgery. One Prince St., Alexandria, VA 22314-3357. (703) 836-4444. TTY: (703) 519-1585. Web site: www.entnet.org/kidsent. PRICE: Available free online.

Language: English.

Abstract: Chronic ear infections, if left untreated, can cause temporary or permanent hearing loss in a child. This fact sheet describes what otitis media is as well as how otitis media affects a child's hearing. The two types of hearing loss, the appropriate time for having a child's hearing tested, and other possible causes of temporary hearing loss are also described.

Subject Category: Hearing.

Descriptors: Otitis Media. Ear Infections. Infections. Middle Ear. Children. Pediatric. Acute Otitis Media. Chronic Otitis Media. Effusion. Earaches. Hearing Loss. Conductive Hearing Loss.

138. **Health and Hearing.**

Author(s): Balthazard, M.

Source: Hearing Health. 19(3):14. Fall 2003.

Availability: Available from Hearing Health. 1050 17th Street, NW, Suite 701, Washington, DC 20036. (202)289-5850; (888)435-6104 (Voice/TTY); (202)293-1805 (Fax). E-mail: info@hearinghealthmag.com. Web site: <http://www.hearinghealthmag.com/>.

Language: English.

Abstract: In this article the author provides a general overview of some of the most major health concerns that can cause or exacerbate hearing loss, specifically cardiovascular diseases, cancer treatments, traumatic brain injury, HIV/AIDS, and ototoxic pharmaceuticals (medications that are toxic to the ear.).

Subject Category: Hearing.

Descriptors: Hearing Loss. Hearing Health. Causes of Hearing Loss. Hearing Impairment. Deafness.

139. **Bell's Kids Mentoring Program.**

Author(s): Bell, A. G.

Source: AG Bell, Washington DC. 2003.

Availability: Available from AG Bell. 3417 Volta Place, NW, Washington, DC 20007. Voice: (202) 337-5220. TTY (202) 337-5221. Fax: (202) 337-8314. E-mail: Publications@agbell.org. Web site: www.agbell.org.

Language: English.

Abstract: The Bell's Kids program links youth (ages 8-12) and adults who are deaf and hard of hearing for mentoring relationships. The goals of Bell's Kids are to help children with hearing loss: increase their self-esteem and overall social skills; develop friendships and share common experiences; acquire insights about themselves and their hearing loss; become more proactive and proficient in using hearing technology and other strategies of improving their listening and talking skills; and provide opportunities to know successful adults with hearing loss.

Subject Category: Hearing.

Descriptors: Special Needs Children. Children With Hearing Loss. Mentoring Program. Programs for Special Needs Children.

140. **Better Listening Ahead As Directional Technology Advances.**

Author(s): Bentler, R. A., Dittberner, A. B.

Source: The Hearing Journal. 56(11): 10-16. November 2003.

Availability: Available from Lippincott Williams and Wilkins. Customer Service, P.O. 1175, Lowell, MA 01853. (978) 262-9611. Fax: (978) 262-9617. Website: <http://www.thehearingjournal.com>.

Language: English.

Abstract: The authors discuss the future of directional-microphone technology in hearing aids. In their conclusion the authors state that although the technology is still evolving there is a better understand of the

limitations in which they work, including the physical limitations of the head and the hearing aid casing, as well as the impact of background noise interference, all of which can limit the benefit of directional technology to hearing aid users.

Subject Category: Hearing.

Descriptors: Hearing Aid. Directional Microphone Hearing Aids. Directional Technology. Hearing Research. Hearing Aid Assistive Devices. Hearing Technology. Speech Recognition Synthesis.

141. **Prevention of Adverse Effects of Noise on Children.**

Author(s): Bistrup, M. S.

Source: Noise and Health. April-June 2003. 5(9). p. 59-64.

Availability: Available from NRN Publications. Editorial Manager of Noise and Health, Institute of Laryngology and Otology, University College, London, 330 Gray's Inn Road, London WC1X 8EE, United Kingdom. 44 171 915 1575. Fax: 44 171 278 8041. E-mail: m.patrick@ucl.ac.uk. PRICE: \$24.16 plus tax and shipping from Ingenta Publishers. Web site: www.ingenta.com/journals/browse/nrn.

Language: English.

Abstract: The National Institute of Public Health, Denmark, in a project involving six European Union member states, assessed the best practices for preventing noise-related damage, both auditory and non-auditory, to children. The study focused on day care centers, primary schools, and discotheques. Results of a literature review as well as various successful practices are discussed in this article.

Subject Category: Hearing.

Descriptors: Noise. NIHL. Noise Induced Hearing Loss. Noise Pollution. Hearing Loss. Day Care Centers. Primary Schools. Discotheques. Children. Coping Strategies. Stress. Psychological Factors. Environmental Noise. Cognition. Cognitive Factors.

142. **The Young Deaf or Hard of Hearing Child: A Family-Centered Approach to Early Education.**

Author(s): Bodner-Johnson, B., Sass-Lehrer, M.

Source: Baltimore, MD. Brookes Publishing Co. 2003. 502p.

Availability: Available from Brookes Publishing Co. P.O. Box 10624, Baltimore, MD 21285-0624. (800)638-3775; (410)337-9580; Fax: (410)337-8539. E-mail: custserv@brookespublishing.com. Website: <http://www.pbrookes.com/>. PRICE: \$38 (paperback) plus shipping and handling. ISBN: 1-55766-579-6.

Language: English.

Abstract: With recent advances in technology and a stronger emphasis on infant screening, deaf and hard of hearing children are being identified at an increasingly early age--expanding the need for knowledge about early intervention and education for these young children and their families. This book is intended to help early interventionists, education professionals, speech-language pathologists, and students navigate complex issues. The expert who contributed to this resource have provided solid research, key concepts, and current developments to enable users to establish effective partnerships with families and their deaf and hard of hearing children.

Subject Category: Hearing.

Descriptors: Early Childhood Education. Special Education. Early Intervention. Deaf Children. Hard-of-Hearing Children. Parent Resource.

143. **School-to-Work Experiences: Curriculum As a Bridge.**

Author(s): Bonds, B. G.

Source: American Annals of the Deaf. 148(1): 38-48. Spring 2003.

Availability: Available from Gallaudet University Press Denison House. 800 Florida Avenue, NE, Washington, DC 20002. (202) 651-5488 (Voice/TTY; Fax: (202) 651-5489. E-mail: gupress@gallaudet.edu.

Language: English.

Abstract: In this article the author provides a historical background on School-to-Work (STW), laws shaping requirements for STW programs, and research supporting STW components, and discusses STW program application for deaf and hard-of-hearing students. The author sees the school-to-work transition as being complicated by hearing loss and provides five recommendations that focus on curricular elements of a STW transitional program: schools ensure that testing is appropriate for deaf students, and that these students are adequately tested on the desired competencies; the interests and strengths of the student be a major consideration, with the transition plan being a team effort, which includes the student, the family, the special education teacher, transition

specialists, service providers, VR counselors, adult service providers, employers, postsecondary education program representatives, and community support advocates; and the plan should be flexible and allow for changes that permit exploration of new avenues of career interest; whether the level of education, students should have as many opportunities as possible to learn new job skills, including activities outside of school and school alternatives; teachers should maintain a sense of reality.

Subject Category: Hearing.

Descriptors: Deafness. Deaf Students. School to Work Transition. Communication Skills. Oral-Deaf Communication. Hearing Loss. Hard-of-Hearing Students. Disabilities. Workplace Skills.

144. **Hearing Aids and Room Acoustics.**

Author(s): Boothroyd, A.

Source: The Hearing Journal. 56(10): 10-16. October 2003.

Availability: Available from Lippincott Williams and Wilkins. Customer Service, P.O. 1175, Lowell, MA 01853. (978) 262-9611. Fax: (978) 262-9617. Website: <http://www.thehearingjournal.com>.

Language: English.

Abstract: Poor room acoustics causes difficulty for people who use a hearing device, or hearing aid. The author of Page Ten of this issue of The Hearing Journal answers questions that demonstrate to practitioners how the use of appropriate technology and counseling will help their patients cope with this obstacle to hearing aid performance.

Subject Category: Hearing. Speech.

Descriptors: Hearing Aids. Room Acoustics. Speech Acoustics. Hearing Aid Frequency. Patient Counseling. Speech-Language Therapy. Professional Resource. Directional Microphone Hearing Aids. Hearing Aid Accessories. Hearing Aid Assistive Devices.

145. **Newborn Hearing Intervention: Most Babies Screened, But Many Lost to Follow-Up.**

Author(s): Boswell, S.

Source: The ASHA Leader. 2003;8;10:1.

Availability: Available from American Speech-Language-Hearing Association. 10801 Rockville Pike, Rockville, MD 20852. Web site: www.professional.asha.org.

Language: English.

Abstract: The author of this article discusses nation-wide problems with follow-up care and intervention of newborns who are identified at birth with hearing problems. One infant hearing professional quoted in the article concludes that the reasons for loss of follow-up may be different in every state and specific to local areas. The general consensus of the article is that it is essential that every infant be tested, identified, and receive appropriate care by 3 months of age.

Subject Category: Hearing.

Descriptors: Newborn Screening. Newborn Hearing Test. Newborn Screening Intervention. Newborn Screening Follow-up. Early Intervention.

146. **Hearing Aids and Cell Phones: Fast-Track Work Underway to Boost Compatibility.**

Author(s): Boswell, S.

Source: The ASHA Leader. 8(20): 4,9. November 4, 2003.

Availability: Available from American Speech-Language-Hearing Association (ASHA). Product Sales, 10801 Rockville Pike, Rockville, MD 20852. (888) 498-6699. TTY (301) 897-0157. Website: www.asha.org.

Language: English.

Abstract: This article discusses the ATIS Hearing Aid Compatibility (HAC) Incubator program to develop fast-track solutions and testing protocols in response to a recent Federal Communications Commission (FCC) ruling. In the past ASHA has played a key role in educating the telecommunications industry about wireless compatibility with hearing aids, and is also involved in this current testing process for hearing aids and wireless compatibility.

Subject Category: Hearing.

Descriptors: Hearing Aids. Hearing Assistive Devices. Hearing Aid and Wireless Compatibility. Hearing Aid Research. Hearing Aid Compatibility Program.

147. **Transition for Deaf and Hard-of-Hearing Students: A Blueprint for Change.**

Author(s): Bowe, F. G.

Source: Journal of Deaf Studies and Deaf Education. 8(4): 485-493. Fall 2003.

Availability: Available from Oxford University Press, Journals Customer Service, 2001 Evans Road, Cary, NC 27513. (800) 852-7323 or (919) 677-0977. Fax: (919) 677-1714. E-mail: jnorders@oup-usa.org.

Language: English.

Abstract: This article reviews research related to transition for adolescents with disabilities as well as those who are deaf or hard of hearing and offers a case for change that very much resembles a return to the past-specifically the return of vocational services for students during the secondary years, rather than during the post-high school years. According to the author, these transition services could benefit most those vulnerable deaf and hard-of-hearing students who are at risk for becoming low-functioning deaf (LFD) as adults.

Subject Category: Hearing.

Descriptors: Deafness. Hard-of-Hearing Students. Transition Studies. Transition Services. Special Education. Adults With Disabilities. Adolescents With Disabilities. Low-Functioning Deaf. Vocational Rehabilitation.

148. **Boys Town Press: 2003 Trade Catalog.**

Author(s): Boys Town Press.

Source: Boys Town, NE. Boys Town Press. 2003. [56 p.].

Availability: Available from Boys Town Press. 14100 Crawford Street, Boys Town, NE 68010. (402) 498-1320. Fax: (402) 498-1310. E-mail: btpress@boystown.org. Website: www.girlsandboystown.org/btpress. PRICE: Single copy free.

Language: English.

Abstract: This catalog offers books, videos, audiotapes, posters, booklets and other material for use by parents, educators and professionals who work with youth and families.

Subject Category: Language. Hearing.

Descriptors: Communication. Instructional Materials. Deafness. Parenting. Child Development. Psychosocial Factors.

149. **Color Atlas of ENT Diagnosis, Fourth Edition.**

Author(s): Bull, T. R.

Source: York, PA. Thieme 2003. 268 pp.

Availability: Available from Thieme New York. 333 Seventh Avenue, New York, NY 10001. Toll-free: (800) 782-3488. Fax: (212) 947-1112. E-mail: customerservice@thieme.com. Web site: <http://www.thieme.com>. ISBN: 1-58890-110-6. PRICE: \$37 plus shipping and handling.

Language: English.

Abstract: Since its first publication in 1974, the Color Atlas of ENT Diagnosis has provided illustrated overviews of ear, nose, and throat disorders. This fourth edition has been enhanced and thoroughly updated to cover the latest developments in areas such as nasal endoscopy and digital hearing aids. This text is divided into five main sections-- examination; ear; nose and face; pharynx and larynx; and head and neck. More than 560 color photographs illustrate the examination and diagnosis of both common cases and the most unusual disorders. This publication is suggested as a key introduction for medical students and residents, and a ready reference for qualified specialists and ENT surgeons. Includes 569 illustrations.

Subject Category: Hearing. Speech. Language.

Descriptors: Listening Assistive Devices. Hearing Aids. Digital Hearing Aids. Deafness. Ear Disorder. Communication. Audiology.

150. **Overcoming Hearing Aid Fears: The Road to Better Hearing.**

Author(s): Burkey, J. M.

Source: Piscataway, NJ: Rutgers University Press. 2003 176 p.

Availability: Available from Rutgers University Press. 100 Joyce Kilmer Avenue, Piscataway, NJ 08854. (800) 446-9323; Fax: (888)471-9014. E-mail: bksales@rci.rutgers.edu. Website: <http://rutgerspress.rutgers.edu/>. PRICE: \$17.95 (paper) plus shipping and handling; ISBN 0-8135-3310-4.

Language: English.

Abstract: This informative, easy-to-use patient guide explains the facts and dispels misconceptions about hearing aids. This text is designed to help readers with hearing problems to make a decision about improving hearing ability with the help of a hearing device. The author addresses common fears, concerns, and misconceptions about hearing aids and

provides practical information about hearing aid styles, options, and costs. The book also helps family and friends understand why a loved one might resist getting a hearing aid, and offers tips on counseling. Audiologists will also find this text a useful tool in advising their own patients.

Subject Category: Hearing.

Descriptors: Deafness. Hearing Loss. Assistive Devices. Hearing Aids. Patient Information.

151. **Getting a Good Night's Sleep.**

Author(s): Cassie, D.

Source: Tinnitus Today. 28(1): 14-15. March 2003.

Availability: Available from American Tinnitus Association. PO Box 5, Portland, OR 97207-0005. (800) 634-8978; (503) 248-9985; (503) 248-0024 (Fax). E-mail: tinnitus@ata.org. Web site: <http://www.ata.org/>.

Language: English.

Abstract: This text contains information from a seminar on sleep disorders presented at the American Tinnitus Association's (ATA) second Mid-Atlantic Regional Tinnitus Conference in Voorhees, New Jersey. The seminar presenter was Brenda Byrne, Ph.D., a psychologist from the Margolis Byrne Health Psychology practice. The information includes tips on sleep environments suitable for tinnitus patients, sleep-wake rhythms, health problems that may hinder sleeps, relaxation, and medications that help patients to sleep. Includes also a list of products designed to lessen sleep difficulty.

Subject Category: Hearing.

Descriptors: Tinnitus. Ear Disorder. Hearing Impairment.

152. **Music and Hearing Aids.**

Author(s): Chasin, M.

Source: The Hearing Journal. July 2003. 56(7). p. 36-41.

Availability: Available from Lippincott Williams & Wilkins. 345 Hudson Street, 16th Floor, New York, NY 10014. (212) 886-1244. Fax: (212) 886-1209. E-mail: hj@lww.com. Web site: www.thehearingjournal.com.

Language: English.

Abstract: Individuals who wear hearing aids frequently complain about the poor sound quality they receive while listening to music. One reason for this phenomenon, says the author, lies in a key difference between speech and music: the most intense speech sounds occur at roughly 85 decibels (dB), while the most intense music levels occur at roughly 100-110 dB. Hearing aids are designed to accommodate the peak inputs of speech, not music; yet hearing aid microphones are able to accommodate the higher inputs. In this article, the author describes the results of an experiment in which he designed a hearing aid whose "peak input limiting level" -- the intensity level at which a hearing aid limits sound -- could be adjusted to optimize music.

Subject Category: Hearing.

Descriptors: Hearing Aids. Assistive Listening Devices. Music. Musicians.

153. **It Takes a Team to Differentially Diagnose APD.**

Author(s): Chermak, G. D.

Source: The Hearing Journal. April 2003. 56(4). p. 71.

Availability: Available from Lippincott Williams & Wilkins. 345 Hudson Street, 16th Floor, New York, NY 10014. (212) 886-1244. Fax: (212) 886-1209. E-mail: hj@lww.com. Web site: www.thehearingjournal.com.

Language: English.

Abstract: Auditory processing disorder (APD) is a disorder in which a person's brain has difficulty recognizing and interpreting sounds. But APD has similarities with other nervous system disorders such as dyslexia, attention deficit disorder, aphasia, and Alzheimer's disease. An overriding question when diagnosing someone for APD is: Is the processing deficit the result of a problem with the auditory system alone, as in APD, or is it the result of a problem with more than one sensory system or a learning disorder? For this reason, the author suggests that a multidisciplinary team approach be used for diagnosing and treating APD.

Subject Category: Hearing.

Descriptors: Auditory Processing Disorder. APD. Diagnosis. Multidisciplinary Approach. Learning Disorders. Learning Disabilities. Disabilities. Neural Disorders. Brain Disorders. Attention Deficit Disorder. ADD. Dyslexia. Aphasia. Alzheimer's Disease. Cognition. Language Processing.

154. **Introduction to Cochlear Implants.**

Author(s): Cochlear America.

Source: Cochlear America, Englewood, CO. 2003. Close captioned video, 15 minutes.

Availability: Available from Cochlear America. 400 Inverness Parkway, Suite 400, Englewood CO 80112. 303-790-9010; 303-792-9025 (Fax). Web site: <http://www.cochlear.com>.

Language: English.

Abstract: This video contains a general overview of cochlear implant procedure including: criteria, anatomy and physiology, review of the cochlear implant system, how implants work, surgical procedure, and post-surgical period.

Subject Category: Hearing.

Descriptors: Cochlear Implants. Hearing Assistive Devices. Hearing Technology. Cochlear Implant Surgery.

155. **Early Intervention Illustrated: The Home Team (Tape One).**

Author(s): Colorado Home Intervention Program.

Source: Colorado Home Intervention Program. 2003. 14 minutes.

Availability: Available from Colorado Home Intervention Program. 303-639-5805. See also 2003 Boys Town Press catalog, page 25.

Language: English.

Abstract: The first in a series, this video tape presents strategies and techniques that can help establish positive relationships between facilitators and families using the family-centered approach to working with families and newly identified babies who are deaf or hard-of-hearing. In the video parents and early intervention practitioners share their expertise on how to create a workable unit, or home team, to help infants and toddlers who are deaf or hard-of-hearing.

Subject Category: Hearing.

Descriptors: Early Intervention. Pediatric Hearing Loss. Deaf Children. Deafness. Hard-of-Hearing Infants. Professional Education. Rehabilitation. Hard-of-Hearing babies. Family-Centered Approach.

156. **Discover IDEA-Supporting Achievement for Children With Disabilities: An IDEA Practices Resource Guide (Pathway Guide).**

Author(s): Council for Exceptional Children, ASPIRE/ILIAD IDEA Partnership Projects.

Source: IDEA Partnership Projects, Council for Exceptional Children. Arlington, VA. 2003. 565p.

Availability: Available from The Council for Exceptional Children. 1110 North Glebe Road, Suite 300, Arlington, VA 22201-5704. 888-232-7733; 703-620-3660; 866-915-5000 (TTY); 703-264-9494 (FAX). E-mail: service@cec.sped.org; chrisj@cec.sped.org. Web site: <http://www.cec.sped.org>. PRICE: \$195/Non-CEC members or \$145/CEC members plus shipping.

Language: English.

Abstract: The IDEA Practices Resource Guide is a comprehensive resource on implementing IDEA 1997. The package is organized around the key topics in special education and includes: five topical Pathway Guides and an IDEA Core Module spanning 565 pages; an award-winning video, Discover IDEA; and the Discover IDEA CD 2002. This resource package gives users immediate access, through the Discover CD 2002, to hundreds of books, handouts, transparencies and Web links. It provides connections to the centers and programs addressing key topical areas in special education, and in addition, it infuses the IDEA regulations within each topical area in an easy-to-follow format. As with all IDEA Partnership resources, this package was reviewed for accuracy and consistency with IDEA 1997 by the U.S. Department of Education (DOE), Office of Special Education Programs (OSEP). This resource is available for download online at <http://www.ideapractices.org/resources/files/pathway/index.php>. Users are encouraged to get also the training guide which is designed to orient individuals to the organization of the Resource Guide and assist in navigating the materials.

Subject Category: Hearing. Language.

Descriptors: IDEA 1997. Disability Regulations. Special Education. People With Disabilities. Professional Resource. Teacher Guide. Deafness. Hearing Disorder. Children With Hearing Loss. Hearing Loss. Communication Guidelines.

157. **Inclusion of Young Children Who Are Deaf and Hard of Hearing.**

Author(s): Croyle, C. J.

Source: In: *The Young Deaf or Hard of Hearing Child: A Family-Centered Approach to Early Education*. Bodner-Johnson, B.; Sass-Lehrer, M., ed. Baltimore, MD. Brookes Publishing Co. 2003. pp255-90.

Availability: Available from Brookes Publishing Co. P.O. Box 10624, Baltimore, MD 21285-0624. (800) 638-3775; (410)337-9580; Fax: (410) 337-8539. E-mail: custserv@brookespublishing.com. Website: <http://www.pbrookes.com/>. PRICE: \$38 (paperback) plus shipping and handling. ISBN: 1-55766-579-6.

Language: English.

Abstract: Early education inclusive programs are available in schools for the deaf as well as in general settings--public schools; child care programs; community play groups; hospitals; libraries; and other similar environments. In this chapter from the book titled *The Young Deaf or Hard of Hearing Child: A Family-Centered Approach to Early Education* the author outlines the benefits and special challenges of educating infants, toddlers, and preschoolers who are deaf and hard-of-hearing in inclusive settings. The writer describes two early education programs that enroll children who are deaf, children who are hard-of-hearing, and children who are hearing, but differ in educational philosophy and communication methodologies.

Subject Category: Hearing.

Descriptors: Childhood Hearing Loss. Early Childhood Education Programs. Special Education. Early Intervention. Deaf Children. Hard-of-Hearing Children. Parent Resource. Disability Rights. Legislation. Advocacy.

158. **Assistive Technologies: Expanding a Universe of Opportunities for People With Disabilities.**

Author(s): CTC Foundation.

Source: Washington, DC. May 2003.

Availability: Available from CTC Foundation. 1300 Pennsylvania Avenue, NW, Suite 200 North Tower, Washington DC 20004-3016. (202) 312-2913; Fax: (202) 312-2925. E-mail: HowardMcClinticMcClintH@ctc.com; Web site: <http://www.ctcfoundation.org/>.

Language: English.

Abstract: This publication presents a comprehensive directory of hundreds of assistive technology manufacturers in the United States, Canada, Europe and Asia. This resource was developed for employers, educators and rehabilitation workers looking for information on products benefiting speech impaired, blind, visually impaired, deaf, hearing impaired, physically challenged and mobility challenged individuals. Additionally, users can get summaries of federal legislation for disability issues; an overview on the status of assistive technology today; key Supreme Court decisions on the Americans with Disabilities Act (ADA); definitions of assistive technology terms; and much more. The directory is published by Assistive Technology News and the CTC Foundation and will be available on-line, on a password-protected basis, and on CD-Rom and print formats. The web data and CD will be updated quarterly. An audio version of the book will be available for people with visual challenges.

Subject Category: Hearing.

Descriptors: Assistive Technologies. People With Disabilities. Professional Resource. Disability Resource. Rehabilitation.

159. **Identification of Permanent Childhood Hearing Loss Through Universal Newborn Hearing Screening Programs.**

Author(s): Culpepper, B.

Source: In: *The Young Deaf or Hard of Hearing Child: A Family-Centered Approach to Early Education*. Bodner-Johnson, B.; Sass-Lehrer, M., ed. Baltimore, MD. Brookes Publishing Co. 2003. pp99-126.

Availability: Available from Brookes Publishing Co. P.O. Box 10624, Baltimore, MD 21285-0624. (800)638-3775; (410)337-9580; Fax: (410)337-8539. E-mail: custserv@brookespublishing.com. Website: <http://www.pbrookes.com/>. PRICE: \$38 (paperback) plus shipping and handling. ISBN: 1-55766-579-6.

Language: English.

Abstract: In this chapter, from the book titled *The Young Deaf or Hard of Hearing Child: A Family-Centered Approach to Early Education*, the author discusses universal newborn hearing screening (UNHS) technology advances and the policies, procedures, and protocols for implementing UNHS programs.

Subject Category: Hearing.

Descriptors: Universal Newborn Hearing Screening. Infant Hearing.

Test. Congenital Hearing Loss. Infant Hearing Loss. Early Intervention. Deaf Children. Hard-of-Hearing Children. Parent Resource.

160. **Living With Hearing Loss (Revised Edition).**

Author(s): Dugan.M.B.

Source: Gallaudet University Press. Washington, DC. 2003. ISBN 1-56368-134-X. 178p.

Availability: Available from Self Help for Hard of Hearing People. 7910 Woodmont Ave, Suite 1200 Bethesda, Maryland 20814. (301) 657-2248 (Voice); (301) 657-2249 (TTY); (301)913-9413 (Fax). Web site: <http://www.shhh.org>.

Language: English.

Abstract: Written in collaboration with Self Help for Hard of Hearing People (SHHH), this easy-to-read guide provides the reader with an overview of the types and causes of hearing loss and the most common early signs. Topics covered include: getting professional evaluation, hearing aids, assistive technology, speechreading, communication tips, cochlear implants, tinnitus, and additional resources.

Subject Category: Hearing.

Descriptors: Deafness. Hearing Disorder. Hearing Loss. Hearing Evaluation. Assistive Listening Devices. Hearing Aids.

161. **Understanding Tinnitus - Managing The Noises In Your Ears or In Your Head.**

Author(s): Dunmore, K., Reddiford, G., Tait, V.

Source: United Kingdom. RNID for Deaf or Hard of Hearing People. 2003. 74pp.

Availability: Available from RNID for Deaf or Hard of Hearing People. 19-23 Featherstone Street, London EC1Y 8SL. E-mail: solutions@rnid.org.uk. Website: <http://www.shop.rnid.org.uk/>.

Language: English.

Abstract: This book was written to help individuals who suffer with tinnitus to understand and manage the disorder. The text includes information on: what we know about tinnitus; how to get help and support; ways to cope (such as relaxation tips); and getting a good night's sleep.

Subject Category: Hearing.

Descriptors: Hearing Disorder. Tinnitus. Hearing Problem. Hearing Dysfunction. Patient Resource.

162. **Managing Tinnitus.**

Author(s): Dunmore, K., Reddiford, G., Tait, V.

Source: In: *Understanding Tinnitus - Managing The Noises In Your Ears or In Your Head*. United Kingdom. RNID for Deaf or Hard of Hearing People. 2003. 27-43pp.

Availability: Available from RNID for Deaf or Hard of Hearing People. 19-23 Featherstone Street, London EC1Y 8SL. E-mail: solutions@rnid.org.uk. Website: <http://www.shop.rnid.org.uk/>.

Language: English.

Abstract: In this third chapter from a patient guide about understanding tinnitus, the authors look at different ways patients can begin to manage their tinnitus, including management techniques available from professionals, as well as some self-help approaches.

Subject Category: Hearing.

Descriptors: Hearing Disorder. Tinnitus. Hearing Problem. Hearing Dysfunction. Patient Resource. Self-Help.

163. **Literary Strategies for the Classroom: Putting Bi-Bi Theory Into Practice.**

Author(s): Edwards, S., Schimmel, C. S.

Source: *Odyssey*. Washington DC. Fall 2003. 5(1).

Availability: Available from the Laurent Clerc National Deaf Education Center, Gallaudet University, 800 Florida Avenue, NE, Washington, DC 20002-3695. Voice/TTY: (202) 651-5340. Toll-free: (800) 526-9105. Fax: (202) 651-5708. Web site: <http://clerccenter.gallaudet.edu>. PRICE: Available for download online at <http://clerccenter.gallaudet.edu/Odyssey/Fall2003/index.html>.

Language: English.

Abstract: Teaching deaf (and hearing) students to begin to think and sign bilingually with the Fairview Learning tool. This new five-component reading program is supported by materials, trainings, and assessments and consists of: the Adapted Dolch Word Lists; the Bridge Lists and the

bridging process; phonemic awareness; reading comprehension; and American Sign Language development/written English.

Subject Category: Hearing. Language.

Descriptors: Literacy Strategies. Deaf Communication. Deaf Children. Bilingual Signing. American Sign Language. Children With Hearing Loss. Deaf Communication. Educator Resource. Parent Resource. Language Skills Development.

164. ***Auditory-Visual and Auditory-Only Perception of Phonetic Contrasts in Children.***

Author(s): Eisenberg, L. S., Schaefer Martinez, A., Boothroyd, A.

Source: The Volta Review. 103(4): 327-346. 2003. Alexander Graham Bell Association for the Deaf and Hard of Hearing.

Availability: Available from the Alexander Graham Bell Association for the Deaf and Hard of Hearing. Publications Department, 3417 Volta Place, NW, Washington, DC 20007-2778. Voice/TTY: (202) 337-5220. Web site: <http://www.agbell.org>. PRICE: \$24.95 plus shipping and handling.

Language: English.

Abstract: In this monograph the authors report on a test developed to define auditory-perceptual capacity in young children with hearing loss. Called the On-line Imitative Test of Speech Pattern Contrast Perception (On-line IMSPAC), this test assesses the ability of young children to convey phonologically significant contrastive information through imitation consonant-vowel monosyllables presented by hearing plus lip reading and by hearing alone. Preliminary data are presented from 30 children assessed on the On-line IMSPAC-10 children with normal hearing; 10 children with hearing loss ranging from 38.3 dB HL to 100 dB HL (children using hearing aids); and 10 children with profound hearing loss (children using cochlear implants). Their ages ranged from 2.75 years to 7.9 years, with a mean age of 4.9 years. Performance scores were shown to decrease with increased hearing loss. The preliminary results demonstrate the clinical utility of a phonetic-level, imitative test of auditory capacity for children as young as 2-3 years of age.

Subject Category: Hearing.

Descriptors: Infant Hearing Loss. Deafness. Auditory Perception. Hearing Research. Hearing Test. Hearing Screening.

165. ***Sound Advice by Steve Epstein, M.D.***

Author(s): Epstein, S.

Source: Washington, Dc. 2003. Volta Voices.

Availability: Available from Alexander Graham Bell Association for the Deaf and Hard of Hearing. 3417 Volta Place, NW, Washington, DC 20007. 202-337-5220; TTY: 202-337-5221; FAX: 202-337-8314. Web site: www.agbell.org.

Language: English.

Abstract: Dr. Steve Epstein, M.D. gives advice to a Meniere's disease patient who is experiencing vertigo that has been unresponsive to medications, and is considering the Meniett device suggested by his otologist as a possible solution to the problem.

Subject Category: Hearing.

Descriptors: Meniere's Disease. Vertigo. Treatment Device. Balance Disorder.

166. ***Sound Advice by Steve Epstein, M.D.***

Author(s): Epstein, S.

Source: Volta Voices. 10(5): 30. September-October 2003.

Availability: Available from Alexander Graham Bell Association for the Deaf, Inc. 3417 Volta Place, NW, Washington, DC 20007. (202) 337-5220; (202) 337-5221 (TTY); Fax: (202) 337-8314. Website: www.agbell.org.

Language: English.

Abstract: Dr. Epstein answers a reader's question about his daughter's diagnosis of CHARGE Association-specifically, how such a diagnosis would affect the child, and the best way to treat the child's hearing loss.

Subject Category: Hearing.

Descriptors: Hearing Loss. Sensorineural Hearing Loss. Hearing Impairment. Parent Resource. Middle Ear Problem. Hearing Loss Treatment. Cochlear Implant.

167. ***Etiologies and Treatment Options for Sudden Sensorineural Hearing Loss.***

Author(s): Fayad, J. N., De La Cruz, A.

Source: The Hearing Review. December 2003. 10(13):16-17.

Availability: Available from CurAnt Communications Inc., Publisher. 6701 Center Drive West, Suite 450, Los Angeles, CA 90045-1535. (310) 642-4400. Web site: www.hearingreview.com.

Language: English.

Abstract: This article, written by two otologists from the House Ear Institute, explains to readers the causes and treatment strategies for sudden sensorineural hearing loss (SSNHL), described as a common medical emergency affecting 5 to 20 individuals per 100,000 annually. Some causes include viral infections, head trauma, ototoxic drugs, autoimmune and vascular disorders, as well as development abnormalities and idiopathic disorders like Meniere's disease and multiple sclerosis. This article provides an overview of the etiologies associated with SSNHL and the medical treatment options that are available.

Subject Category: Hearing.

Descriptors: Sudden Sensorineural Hearing Loss. Ear Disorder. Hearing Loss. Deafness. Hearing Loss Therapy. Professional Resource.

168. ***As Candidacy Criteria Loosen Up, Use of Cochlear Implants Grows Rapidly.***

Author(s): Florian, J.

Source: The Hearing Journal. April 2003. 56(4). p. 23-29.

Availability: Available from Lippincott Williams & Wilkins. 345 Hudson Street, 16th Floor, New York, NY 10014. (212) 886-1244. Fax: (212) 886-1209. E-mail: hj@lww.com. Web site: www.thehearingjournal.com.

Language: English.

Abstract: When the cochlear implant was introduced in the 1970s, it was primarily considered a communication option for postlingually deafened adults. This article describes how, as the technology is advancing, the criteria are changing for potential candidates. Candidates for the device may now include young children as well as individuals with lesser degrees of hearing loss, including those who may also wear a hearing aid.

Subject Category: Hearing.

Descriptors: Cochlear Implants. Communication Options. Hearing Loss. Deafness. Sensorineural Hearing Loss. Hearing Impaired Persons. Deaf Persons. Hard of Hearing Persons. Postlingual Deafness. Prelingual Deafness. Late Deafened Adults. Acquired Deafness.

169. ***Sailing Out of the Windless Sea of Monosyllables: The Use of Speech Perception Tests in Aural Rehabilitation.***

Author(s): Flynn, M. C.

Source: The Hearing Review. 10(4): 24-30,78. April 2003.

Availability: Available from CurAnt Communications Inc., Publisher. 6701 Center Drive West, Suite 450, Los Angeles, CA 90045-1535. (310) 642-4400. (310) 641-0831 (Fax). Web site: www.hearingreview.com.

Language: English.

Abstract: The author explores the use of new measures of speech perception now in development that could expand the utility of speech perception testing through examination of the use of contextual effects and a measurement of meta-linguistic proficiency. The author sees these new measures as helpful to the identification of functional goals and the measurement of program benefit. References included.

Subject Category: Speech. Hearing.

Descriptors: Hearing Research. Speech Perception. Aural Rehabilitation. Communication. Deafness. Hearing Impairment.

170. ***Maximizing Speech Understanding and Listening Comfort in Noise.***

Author(s): Flynn, M. C.

Source: The Hearing Review. July 2003. 10;7:50-3.

Availability: Send correspondence to Mark C. Flynn, PhD. Oticon A/S, Strandvejen 58, Hellerup, DK 2900, Denmark. E-mail: mcf@oticon.dk.

Language: English.

Abstract: The author of this article discusses the effect of background noise interference on hearing aid wearers. He focuses specifically on addressing three issues essential to providing optimal speech understanding in noise, and ensuring listening comfort: the features of a prescriptive rationale that will affect speech understanding; how people with hearing loss perceives and understand speech in noise; and how to make listening more comfortable and natural when speech is not present. References included.

Subject Category: Hearing.

Descriptors: Hearing Aids. Noise Exposure. Deafness. Assistive Listening Devices. Noise-Induced Hearing Loss.

171. **Ready for the Mainstream.**

Author(s): French, D. B.

Source: Washington, DC. Volta Voices. 11(1):18. Jan/Feb 2004.

Availability: Available from Alexander Graham Bell Association for the Deaf and Hard of Hearing. 3417 Volta Place, NW, Washington, DC 20007. 202-337-5220; TTY: 202-337-5221; FAX: 202-337-8314. Web site: <http://www.agbell.org>.

Language: English.

Abstract: In this article the author provides a brief overview of those factors that could ensure mainstream readiness, which would lead to mainstream success, for children with hearing loss.

Subject Category: Hearing.

Descriptors: Students With Hearing Loss. Deaf Students. Teacher Resource. Parent Resource. Special Needs Children. Mainstreaming.

172. **Sudden Hearing Loss: A Team Approach to Assessment, Treatment, and Rehabilitation.**

Author(s): Fritsch, M. H., Diefendorf, A. O., Wynne, M. K.

Source: The Hearing Review. December 2003. 10(13):24-28.

Availability: Available from CurAnt Communications Inc., Publisher. 6701 Center Drive West, Suite 450, Los Angeles, CA 90045-1535. (310) 642-4400. Web site: www.hearingreview.com.

Language: English.

Abstract: Sudden hearing loss is a complex disorder with significant uncertainties and highly variable outcomes. The authors of this article seek to demonstrate how a team approach is vital in efforts to achieve optimal outcomes. Includes figures, tables and references.

Subject Category: Hearing.

Descriptors: Sudden Sensorineural Hearing Loss. Ear Disorder. Hearing Loss. Deafness. Hearing Loss Therapy. Professional Resource.

173. **Hard of Hearing: Facing the Challenge in Class Insights and Strategies.**

Author(s): Gallaudet University Laurent Clerc National Deaf Education Center.

Source: Odyssey. Winter 2003. 4(2).

Availability: Available from the Laurent Clerc National Deaf Education Center, Gallaudet University, 800 Florida Avenue, NE, Washington, DC 20002-3695. Voice/TTY: (202) 651-5340. Toll-free: (800) 526-9105. Fax: (202) 651-5708. Web site: <http://clerccenter.gallaudet.edu>. PRICE: Available free online at

<http://clerccenter.gallaudet.edu/Odyssey/Winter2003/index.html>.

Language: English.

Abstract: This issue of Odyssey, a magazine published by the Gallaudet University Laurent Clerc National Deaf Education Center, in Washington, D.C., explores what it means to be a hard-of-hearing student in today's classroom. A variety of viewpoints is presented through such feature articles as Hard of Hearing Children: Still Overlooked; Navigating the Hearing Classroom with a Hearing Loss: Survival, Stress, and Dialogue; and Don't Ignore the Hearing of Hard of Hearing Students.

Subject Category: Hearing.

Descriptors: Education. Students. Hearing Impaired Persons. Hard of Hearing Persons. Hearing Loss. Children.

174. **Word Recognition and the Articulation Index in Older Listeners With Probable Age-Related Auditory Neuropathy.**

Author(s): Gates, G. A., Feeney, M. P., Higdon, R. J.

Source: American Academy of Audiology. Reston, VA. 14(10):574-80. December 2003.

Availability: Available from the American Academy of Audiology. Publications, 11730 Plaza America Drive, Suite 300, Reston, VA 20190. Voice: 800-AAA-2336; 703-790-8466. Fax: 703-790-8631. Web site: <http://www.audiology.org/>.

Language: English.

Abstract: This report presents a retrospective analysis of existing data derived from 957 members of a population-based cohort who participated in a prior study on the prevalence of central auditory dysfunction. Word

recognition scores (WRS) at three intensity levels were compared to predicted scores based on the Articulation Index (AI) and the Thornton-Raffin 95 percent critical differences. In 112 (11.7 percent) participants, one or more word recognition scores were significantly below the predicted score: a result the researchers regard as a subtle sign of possible auditory neuropathy. In contrast, classic signs of retrocochlear dysfunction manifested in only three people (0.3 percent) using rollover of the performance-intensity function for phonetically balanced word lists, in two (0.2 percent) people using the guideline of Yellin et al (1989), and in 54 people (5.6 percent) using a 20-point difference between the AI (x 100) and the WRS. The result indicates subtle signs of possible auditory neuropathy were more frequent than the classic signs. Comparing WRS at several high presentation levels to the AI is suggested as a method to screen for subtle neuropathy. From these findings, the researchers conclude that elderly listeners whose WRS fall below the Thornton-Raffin 95 percent critical difference based on AI should be considered for further testing for age-related auditory neuropathy.

Subject Category: Hearing. Speech.

Descriptors: Aging. Articulation Index. Auditory Neuropathy. Word Recognition.

175. **Cochlear Implants and Education of the Deaf Child.**

Author(s): Geers, A. E.

Source: The Hearing Review. May 2003. 10(5). p. 18-22+.

Availability: Available from CurAnt Communications Inc., Publisher. 6701 Center Drive West, Suite 450, Los Angeles, CA 90045-1535. (310) 642-4400. PRICE: Available free online at www.hearingreview.com.

Language: English.

Abstract: This article summarizes the results of a five-year study conducted by the Central Institute for the Deaf and funded by the National Institute on Deafness and Other Communication Disorders. The study concludes that deaf children who receive cochlear implants early in life and after appropriate rehabilitation fare better in developing speech skills than those who use hearing aids. The original study appeared in the Feb. 2003 monograph supplement of Ear and Hearing.

Subject Category: Hearing.

Descriptors: Cochlear Implants. Hearing Impaired Persons. Deaf Persons. Intervention Assistive Technology. Hearing Aids. Speech Perception. Speech Development. Children. NIDCD.

176. **Music to the Impaired or Implanted Ear.**

Author(s): Gfeller, K., Knuston, J. F.

Source: The ASHA Leader. 2003;8:8:12-15.

Availability: Available from American Speech-Language-Hearing Association. 10801 Rockville Pike, Rockville, MD 20852. Web site: www.professional.asha.org.

Language: English.

Abstract: The authors of this article discuss the difficulties that some people who wear hearing devices can face related to the enjoyment of music. The article covers adults and children and different types of music.

Subject Category: Hearing.

Descriptors: Deafness. Hearing Loss. Hearing Impaired. Assistive Listening Devices. Hearing Aids. Cochlear Implants. Hearing Disorder.

177. **Clinical Management of Tinnitus and Hyperacusis.**

Author(s): Gold, S. L.

Source: The ASHA Leader. 8(20): 4-5, 24. November 4, 2003.

Availability: Available from American Speech-Language-Hearing Association (ASHA). Product Sales, 10801 Rockville Pike, Rockville, MD 20852. (888) 498-6699. TTY (301) 897-0157. Website: www.asha.org.

Language: English.

Abstract: This article is presented as an introduction to Tinnitus Retraining Therapy (TRT), defined by the author as an individualized, noninvasive treatment that is effective for patients with intrusive tinnitus. The topics covered include habituation to the tinnitus signal and assessment of sound sensitivity; the implementation process; options for sound therapy; and efficacy.

Subject Category: Hearing.

Descriptors: Tinnitus. Tinnitus Retraining Therapy. Hearing Impairment. Tinnitus Treatment. Ear Disorder.

178. **Paper Patching for Chronic Tympanic Membrane Perforations.**

Author(s): Golz, A., et al.

Source: Otolaryngology-Head and Neck Surgery. 128(4): 565-70. April, 2003.

Availability: Available from American Academy of Otolaryngology-Head and Neck Surgery. One Prince St., Alexandria, VA 22314-3357. (703) 836-4444. TTY: (703) 519-1585. Web site: www.entnet.org/.

Language: English.

Abstract: This article reports on a study that is designed to evaluate the results of paper-patch myringoplasty in patients with chronic perforations of the tympanic membrane of different sizes. The study subjects were seventy-seven patients with chronic perforations of the eardrum. Data consisted of the causes of the perforations, time the perforations had been present, their size, number of patch applications, duration of application, and number of successfully closed perforations. The results showed closure rate of 63.2 percent, 43.5 percent, and 12.5 percent for small, medium, and large perforations, respectively. Small perforations needed the least number of repeated applications and the least time for closure. The authors conclude that paper patching is technically simple, time saving, safe to perform, cost effective, and suitable as an outpatient procedure and has a good success rate, and should be tried in perforations smaller than 5 mm before a patient is referred for surgery.

Subject Category: Hearing.

Descriptors: Ear Perforation. Ear Disorder Treatment. Hearing Research.

179. **Manipulative Visual Language: A Tool to Help Crack The Code of English.**

Author(s): Gore, J. C., Gillies, R.

Source: Odyssey. Washington DC. Fall 2003. 5(1).

Availability: Available from the Laurent Clerc National Deaf Education Center, Gallaudet University, 800 Florida Avenue, NE, Washington, DC 20002-3695. Voice/TTY: (202) 651-5340. Toll-free: (800) 526-9105. Fax: (202) 651-5708. Web site: <http://clerccenter.gallaudet.edu>. PRICE:

Available for download online at <http://clerccenter.gallaudet.edu/Odyssey/Fall2003/index.html>.

Language: English.

Abstract: At a school for deaf children in Maine, educators developed a tool titled the Manipulative Visual Language (MVL) to provide a visual model of English in its basic forms to teach English grammar to students with hearing loss. MVL is unique in its use of colored shapes to teach the parts of written English-black triangles represent nouns, red circles represent verbs, purple triangles represent pronouns. This article explains the use of this tool to address some of the difficulties in teaching English grammar to deaf children, especially elementary school students.

Subject Category: Hearing. Language.

Descriptors: Special Needs Children. Educator Resource. Visual Language Tools. Language Skills Development.

180. **A Quieter Future for American Workers?**

Author(s): Hager, L. D.

Source: Hearing Health. 19(3):19-21. Fall 2003.

Availability: Available from Hearing Health. 1050 17th Street, NW, Suite 701, Washington, DC 20036. (202)289-5850; (888)435-6104 (Voice/TTY); (202)293-1805 (Fax). E-mail: info@hearinghealthmag.com. Web site: <http://www.hearinghealthmag.com/>.

Language: English.

Abstract: According to the National Institute for Occupational Safety and Health (NIOSH) some 30 million people are in danger of hearing loss because of toxic noise in their work environment. This article looks at whether policy changes can protect the nation's workforce from occupational hearing loss.

Subject Category: Hearing.

Descriptors: Noise Induced Hearing Loss. Occupational Hearing Loss. Causes of Hearing Loss. Hearing Impairment. Noise Induced Hearing Loss. Deafness. Toxic Noise. Workplace Health. Hazardous Noise. Environmental Health.

181. **Qualitative Responses of Children to Environmental Noise.**

Author(s): Haines, M. M., Brentnall, S. L., Stansfeld, S. A., Klineberg, E.

Source: Noise and Health. April-June 2003. 5(9). p.19-30.

Availability: Available from NRN Publications. Editorial Manager of Noise and Health, Institute of Laryngology and Otolology, University College, London, 330 Gray's Inn Road, London WC1X 8EE, United Kingdom. 44 171 915 1575. Fax: 44 171 278 8041. E-mail: m.patrick@ucl.ac.uk. PRICE: \$24.16 plus tax and shipping from Ingenta Publishers. Web site: www.ingenta.com/journals/browse/nrn.

Language: English.

Abstract: Two qualitative studies were conducted to explore children's perceptions of noise exposure, perceived risk of noise pollution, coping strategies for dealing with loud noise, and annoyance response to loud noise. The two studies were the Millennium Conference Study, which conducted focus group interviews of 36 children, and the West London Schools Study, which conducted individual interviews of 18 children who are regularly exposed to aircraft noise in varying degrees. Neighbors' noise and roadside traffic noise most affected children in the Millennium Conference Study, while aircraft noise most affected children in the West London Study. In addition, noise seemed to interfere most in the everyday activities of the children who were exposed to high levels of aircraft noise.

Subject Category: Hearing.

Descriptors: Noise. Noise Pollution. Coping Strategies. Noise Exposure. Children. Schools. Surveys. Research Methodologies. Environmental Noise. Aircraft. Traffic. Cognition. Cognitive Factors. Millennium Conference Study. West London Study.

182. **'Turn on the Lights' With an FM System.**

Author(s): Halligan, P.

Source: Volta Voices. 10(5): 20-21. September-October 2003.

Availability: Available from Alexander Graham Bell Association for the Deaf, Inc. 3417 Volta Place, NW, Washington, DC 20007. (202) 337-5220; (202) 337-5221 (TTY); Fax: (202) 337-8314. Website: www.agbell.org.

Language: English.

Abstract: The author of this article discusses the use of an FM system to improve acoustic access to instruction for hearing-impaired children in classrooms. The writer demonstrates the importance of using FM systems as a complement to other hearing devices (hearing aids) which do not block out background noises successfully and function best in quiet places. According to the author, an FM system can provide the missing link to the necessary auditory information and maximize the educational experience.

Subject Category: Hearing.

Descriptors: Hearing. Hearing Loss. Hard-of-Hearing Children. Hearing Impaired Children. Deafness. Classroom Equipment. Hearing-Assistive Technologies.

183. **Steroid Therapy for Sudden Sensorineural Hearing Loss.**

Author(s): Halpin, C., Rauch, S. D.

Source: The Hearing Review. December 2003. 10(13):32-35.

Availability: Available from CurAnt Communications Inc., Publisher. 6701 Center Drive West, Suite 450, Los Angeles, CA 90045-1535. (310) 642-4400. Web site: www.hearingreview.com.

Language: English.

Abstract: Sudden Sensorineural Hearing Loss (SSNHL) is one of the few sensorineural losses known to be reversible in some cases. Because of the possibility of improved outcome with steroids, and the narrow window of opportunity for initiating treatment, SSNHL should be considered an emergency of the ear. Recent research at the Massachusetts Eye and Ear Infirmary and Harvard Medical School has significant implications for the use of steroid therapy with SSNHL patients. The authors of this article discuss the use and outcome of this treatment option for SSNHL patients.

Subject Category: Hearing.

Descriptors: Sudden Sensorineural Hearing Loss. Ear Disorder. Hearing Loss. Deafness. Hearing Loss Therapy. Professional Resource.

184. **Hard of Hearing Students in the Public Schools: Should We Be Concerned?**

Author(s): Harrington, M.

Source: Volta Voices. 10(6): 18-22. November-December 2003.

Availability: Available from Alexander Graham Bell Association for the Deaf, Inc. 3417 Volta Place, NW, Washington, DC 20007. (202) 337-5220; (202) 337-5221 (TTY); Fax: (202) 337-8314. Website: www.agbell.org.

Language: English.

Abstract: The author discusses the care that hard-of-hearing children are receiving in public schools and asks the questions: are cases of mild hearing loss unidentified and untreated; are commonly used hearing assistive devices sufficient to support the academic success of these children; are there psychosocial issues that educators need to consider and address; do regular education teachers in the public school system need help understanding students who are hard-of-hearing. The author examines the issues from both the children's and educators' points-of view and concludes with suggestions that could alleviate some of the psychosocial and academic problems these children often experience.

Subject Category: Hearing.

Descriptors: Hearing. Hearing Loss. Hard-of-Hearing Children. Hearing Impaired Children. Deafness. Teacher Resource. Classroom Equipment.

185. ***Psychotherapy With Deaf and Hard-of-Hearing Persons: A Systemic Model, Second Edition.***

Author(s): Harvey, M. A.

Source: Framingham, MA. Boston University.

Availability: Available from Lawrence Erlbaum Associates, Inc. 10 Industrial Avenue, Mahwah, NJ 07430-2262. 800-926-6579. Fax: 201-760-3753. E-mail: orders@erlbaum.com. Web site: www.erlbaum.com. Fed ID: 22-2043137. PRICE: \$49.95 plus shipping and handling. ISBN: 0-8058-4375-2 (cloth). 248pp.

Language: English.

Abstract: In this 2nd edition, the author elaborates on his original biopsychosocial model of the effective assessment and treatment of deaf and hard-of-hearing clients in individual and family therapy. He examines the influences of larger networks on the individual and vice versa, and illuminates the overt and covert conflicts among family members, school, vocational rehabilitation personnel, and friends that often exacerbate problems. Spiritual issues are addressed, and theory is balanced with practical advice.

Subject Category: Deafness. Hearing.

Descriptors: Mental Health Therapy and Hard-of-hearing. Psychosocial Rehabilitation. Communication Strategies. Community Interaction. Family Interaction. Deafness and Mental Illness. Hearing Impaired Persons. Hard-of-Hearing Persons. Deafness. Deaf Persons. Parent Child Relations. Special Education.

186. ***Meniere's Disease.***

Author(s): Haybach, P. J.

Source: On the Level. 20(3): 6-8. Fall 2003.

Availability: Available from Vestibular Disorders Association. P.O. Box 4467, Portland, OR 97208-4467. (800) 837-8428. E-mail: veda@vestibular.org. Website: www.vestibular.org. Full text available for \$1 plus shipping and handling, document F-4.

Language: English.

Abstract: This fact sheet describes the symptoms, diagnosis, treatment and management of Meniere's disease. Meniere's disease is a disorder of the inner ear that causes episodes of vertigo, tinnitus, a feeling of fullness or pressure in the ear, and fluctuating hearing loss.

Subject Category: Balance. Hearing.

Descriptors: Meniere's Disease. Vertigo. Dizziness. Balance Disorder. Inner Ear Disorder. Hearing Loss. Hearing Impairment. Deafness. Tinnitus.

187. ***Comprehensive Reference Manual for Signers and Interpreters. Fifth Edition.***

Author(s): Hoffman, C. M.

Source: Springfield, IL: Charles C. Thomas Publishers, Ltd. 2003. 335 p.

Availability: Available from Charles C. Thomas Publishers, Ltd. 2600 South First Street, Springfield, IL 62704. Voice: (800) 258-8980 or (217) 789-8980. Fax: (217) 789-9130. Website: http://www.ccthomas.com. PRICE: \$59.95 spiral (paper); plus shipping and handling. ISBN: 0-398-07447-X.

Language: English.

Abstract: This reference manual describes more than 7,000 signs for vocabulary and idioms in American Sign Language, with extensive cross-references. The manual lists words or phrases alphabetically, followed by a brief description of the accompanying sign. No diagrams are provided. The manual is designed for interpreters and others who already know sign language and wish to increase their vocabulary or remind themselves of infrequently-used signs. The manual is provided in a spiral-bound format

to lay flat while the reader practices a sign.

Subject Category: Hearing. Language.

Descriptors: American Sign Language. Vocabulary. Interpreters. Interpreter Training.

188. ***Tinnitus and Acoustic Neuroma.***

Author(s): House, J. W.

Source: ANA Notes. 2003;68.

Availability: Available from Acoustic Neuroma Association. 600 Peachtree Parkway, Suite 108, Cumming, GA 30041. 770-205-8211; Fax: 770-205-0239. Web site: http://www.ANAUSA.org. E-mail: ANAUSA@aol.com.

Language: English.

Abstract: Dr. John W. House discusses tinnitus, including diagnosis, treatment and prognosis, and its relationship to acoustic neuroma. Dr House describes tinnitus as a common symptom of hearing loss and a possible early sign of an acoustic neuroma.

Subject Category: Hearing.

Descriptors: Tinnitus. Hearing Disorder. Hearing Loss. Acoustic Neuroma.

189. ***Clinical Associations Between Tinnitus and Chronic Pain.***

Author(s): Isaacson, J. E., Moyer, M. T., Schuler, H. G., Blackall, G. F.

Source: Otolaryngology-Head and Neck Surgery. 2003;128:706-10.

Availability: Send requests to:.

Language: English.

Abstract: In this article the authors report on a prospective nonrandomized study in which a survey and the Tinnitus Handicap Inventory (THI) were distributed to 72 patients (50 women and 22 men) attending a tertiary chronic pain clinic, to determine the prevalence and severity of tinnitus inpatients with chronic pain. The research findings suggest a high incidence of tinnitus in people suffering with chronic pain.

Subject Category: Hearing.

Descriptors: Tinnitus. Hearing Disorder. Hearing Disorder Research.

190. ***Audiological Assessment of Infants and Toddlers.***

Author(s): Johnson, K. S., Winter, M. E.

Source: The Volta Review. 103(4): 221-251. 2003. Alexander Graham Bell Association for the Deaf and Hard of Hearing.

Availability: Available from the Alexander Graham Bell Association for the Deaf and Hard of Hearing. Publications Department, 3417 Volta Place, NW, Washington, DC 20007-2778. Voice/TTY: (202) 337-5220. Web site: http://www.agbell.org. PRICE: \$24.95 plus shipping and handling.

Language: English.

Abstract: In this article the authors summarize a number of tools to both assess auditory function and monitor use of sensory aids in young children with hearing loss. The authors include case reports that illustrate how these measures can each contribute in the assessment and management of young children with hearing loss.

Subject Category: Hearing.

Descriptors: Infant Hearing Loss. Deafness. Audiological Assessment. Early Intervention. Hearing Assistive Devices. Sensory Aids. Infant Hearing Screening.

191. ***Educating Young Deaf Children With Multiple Disabilities.***

Author(s): Jones, T. W., Jones, J. K.

Source: In: The Young Deaf or Hard of Hearing Child: A Family-Centered Approach to Early Education. Bodner-Johnson, B.; Sass-Lehrer, M., ed. Baltimore, MD. Brookes Publishing Co. 2003. pp297-329.

Availability: Available from Brookes Publishing Co. P.O. Box 10624, Baltimore, MD 21285-0624. (800)638-3775; (410)337-9580; Fax: (410)337-8539. E-mail: custserv@brookespublishing.com. Website: http://www.pbrookes.com/. PRICE: \$38 (paperback) plus shipping and handling. ISBN: 1-55766-579-6.

Language: English.

Abstract: Service delivery to young children who are deaf with multiple disabilities presents a challenge to families and service providers. Challenges range from characteristics of the children themselves and their impact on their families to shortcomings in early intervention programs, to the lack of professional venue for exchanging information about this

unique group. In this chapter from the book titled *The Young Deaf or Hard of Hearing Child: A Family-Centered Approach to Early Education* the authors discuss the impact of these challenges on both the families of young deaf children with multiple disabilities and the professionals who care for these children.

Subject Category: Hearing.

Descriptors: Childhood Hearing Loss. Early Childhood Education Programs. Special Education. Early Intervention. Deaf Children. Hard-of-Hearing Children. Children With Disabilities. Parent Resource. Disability Rights. Legislation. Advocacy.

192. ***APD in Adults.***

Author(s): Katz, J.

Source: Hearing Health. 19(3):24. Fall 2003.

Availability: Available from Hearing Health. 1050 17th Street, NW, Suite 701, Washington, DC 20036. (202)289-5850; (888)435-6104 (Voice/TTY); (202)293-1805 (Fax). E-mail: info@hearinghealthmag.com. Web site: <http://www.hearinghealthmag.com/>.

Language: English.

Abstract: The writer of this article explains what it means to be a grown-up with auditory processing disorder (APD) and how to get help for the problem. Persons with APD are unable to utilize the information they hear efficiently.

Subject Category: Hearing.

Descriptors: Auditory Processing Disorder. Central Auditory Processing Disorder. Hearing Disorder. Noise-induced Hearing Loss. Auditory Processing Function.

193. ***A Practical Assessment Algorithm for Diagnosis of Dizziness.***

Author(s): Kentala, E., Rauch, S. D.

Source: Otolaryngology-Head and Neck Surgery. 2003;128:54-9.

Availability: Send requests to: Steven D. Rauch, MD. Massachusetts Eye and ear Infirmary, 243 Charles Street, Boston, MA 02114. E-mail: sdr@epl.meei.harvard.edu.

Language: English.

Abstract: In this article the authors report on a prospective blinded study, the objective of which was to test a 3-parameter model for diagnosis of dizziness based on the type and temporal characteristics of the dizziness and on hearing status.

Subject Category: Balance. Hearing.

Descriptors: Dizziness. Balance Disorder. Hearing Disorder. Screening.

194. ***The K and W Guide to Colleges for Students With Learning Disabilities, Seventh Edition.***

Author(s): Kravets, M., Wax, I. F.

Source: New York, NY. Random House Princeton Review Books. 2003. 781 pp.

Availability: Available from Random House Princeton Review Books, Customer Service Department 1-800-733-3000. E-mail: CustomerService@randomhouse.com. PRICE: \$27 (paper) plus shipping and handling. ISBN: 0-375-76357-0.

Language: English.

Abstract: This resource directory was developed for students with learning disabilities. This resource directory covers a wide array of topics related to higher learning, and academia in general, as well as profiles for 338 schools, and a quick reference of essential program information for another 1,000 schools.

Subject Category: Hearing. Speech.

Descriptors: Special Education. Higher Learning Resources. Student Resource. Students With Disabilities. Attention Deficit Disorder.

195. ***Research and Theory Support Cued Speech.***

Author(s): LaSasso, C., Lamar Crain, K.

Source: Odyssey. Washington DC. Fall 2003. 5(1).

Availability: Available from the Laurent Clerc National Deaf Education Center, Gallaudet University, 800 Florida Avenue, NE, Washington, DC 20002-3695. Voice/TTY: (202) 651-5340. Toll-free: (800) 526-9105. Fax: (202) 651-5708. Web site: <http://clerccenter.gallaudet.edu>. PRICE:

Available for download online at

<http://clerccenter.gallaudet.edu/Odyssey/Fall2003/index.html>.

Language: English.

Abstract: Cued speech addresses the problem inherent in oral-aural methods by fully specifying, or distinguishing between, the different phonemes of traditionally spoken languages. This article talks about the theory and research findings that support the use of Cued Speech as a method of communication with deaf students.

Subject Category: Hearing. Language.

Descriptors: Cued Speech. American Sign Language. Deaf Communication. Deaf Children. Children With Hearing Loss. Oral-Deaf Communication. Educator Resource. Parent Resource.

196. ***Assessing Workplace Communication Skills With Traditionally Undeserved Persons Who Are Deaf.***

Author(s): Long, G.

Source: Northern Illinois University. MCPO. 2003.

Availability: Available from the Postsecondary PEPNet Resource Center. 18111 Nordhoff Street, Northridge, CA 91330-8267. (818) 677-2145. Toll-free: (888) 684-4695. TTY: (818) 677-2611. Fax: (818) 677-7693. E-mail: prc@csun.edu. Web site: www.pepnet.org/. PRICE: Free.

Language: English.

Abstract: A comprehensive ecological-based protocol for a communication skills evaluation of a person who is deaf and low functioning. The four sections of the evaluation are: development of a consumer communication profile; assessment of the communication environment; consumer-environment match; and intervention and natural supports. The instrument contains extensive checklists to aide the evaluator during the assessment, including a listing of possible natural supports. A sample report outline is provided.

Subject Category: Hearing.

Descriptors: Ecological Protocols. Deafness. Workplace Communication Skills. Communication Skills. Workplace Health. Disabilities.

197. ***Advances in the Hearing Sciences: Current Research and Clinical Applications.***

Author(s): Lonsbury-Martin, B. L.

Source: The ASHA Leader. 8(6): 4-5,23. April 1, 2003.

Availability: Available from American Speech-Language-Hearing Association (ASHA). Product Sales, 10801 Rockville Pike, Rockville, MD 20852. (888) 498-6699. TTY (301) 897-0157. Website: www.asha.org.

Language: English.

Abstract: In this article the author reviews current research in the hearing sciences that is especially notable for its relevance to the clinical setting. The author concludes that recent advances in the cellular and molecular biology and molecular genetics of hearing and deafness are clearly being transferred from the research laboratory to the clinical arena and sees the multidisciplinary nature of the current research climate in the hearing sciences as a noteworthy aspect. The author also points out that rather than depending on one investigator to master expertise in a number of relevant disciplines such as developmental biology, biophysics, molecular genetics, and psychoacoustics, researchers from these distinct fields are interacting and growing closer together. References are included.

Subject Category: Hearing. Language.

Descriptors: Deafness. Hearing Sciences. Hearing Research.

198. ***The Effects of Chronic Aircraft Noise Exposure on Children's Cognition and Health: 3 Field Studies.***

Author(s): Matheson, M. P., Stansfeld, S. A., Haines, M. M.

Source: Noise and Health. April-June 2003. 5(9). p. 31-40.

Availability: Available from NRN Publications. Editorial Manager of Noise and Health, Institute of Laryngology and Otolaryngology, University College, London, 330 Gray's Inn Road, London WC1X 8EE, United Kingdom. 44 171 915 1575. Fax: 44 171 278 8041. E-mail: m.patrick@ucl.ac.uk. PRICE: \$24.16 plus tax and shipping from Ingenta Publishers. Web site: www.ingenta.com/journals/browse/nrn.

Language: English.

Abstract: Three of the most important field studies to examine the effects of chronic aircraft noise exposure on children are reviewed in this article. The field studies are the Los Angeles Airport Study, the Munich Airport Study, and the West London Schools Study. The studies examine how exposure to excessive noise can affect stress levels, health, thinking ability, and performance of certain tasks, such as reading.

Subject Category: Hearing.

Descriptors: Noise. Noise Pollution. Coping Strategies. Stress. Psychological Factors. Noise Exposure. Children. Schools. Research

Methodologies. Field Studies. Environmental Noise. Aircraft. Traffic. Cognition. Cognitive Factors. Los Angeles Airport Study. Munich Airport Study. West London Study.

199. ***Autoimmune Inner Ear Disease: Diagnostic and Therapeutic Approaches in a Multidisciplinary Setting.***

Author(s): Matteson, E. L.

Source: American Academy of Audiology. Reston, VA. 14(4):225-29. May/June 2003.

Availability: Available from the American Academy of Audiology. Publications, 11730 Plaza America Drive, Suite 300, Reston, VA 20190. Voice: 800-AAA-2336; 703-790-8466. Fax: 703-790-8631. Web site: <http://www.audiology.org/>.

Language: English.

Abstract: The authors of this paper on autoimmune inner ear disease (AIED) define the condition as a clinical syndrome of uncertain pathogenesis associated with bilateral rapidly progressive hearing loss which may be associated with vestibular symptoms. The authors' position is that autoimmunity is given as the pathogenesis of this sort of hearing loss, although the mechanism of the disease is poorly understood. In the article the authors describe the clinical aspects of the disease, histopathology, immunologic indicators, the types of presentation: from both the audiologic and vestibular points of view, clinical trials for treatment, and follow-up. One major finding is that many of the patients respond favorably to the treatment Methotrexate. References are included.

Subject Category: Hearing.

Descriptors: Autoimmune Inner Ear Disease. Sensorineural Hearing Loss. Methotrexate. PET Scan.

200. ***Diabetes and Hearing Loss, Exploring Connections.***

Author(s): McDermott, D., Vaughan, N.

Source: Hearing Health. 19(3):10-13. Fall 2003.

Availability: Available from Hearing Health. 1050 17th Street, NW, Suite 701, Washington, DC 20036. (202)289-5850; (888)435-6104 (Voice/TTY); (202)293-1805 (Fax). E-mail: info@hearinghealthmag.com. Web site: <http://www.hearinghealthmag.com/>.

Language: English.

Abstract: According to this article a possible connection between hearing loss and diabetes has been a subject of studies as far back as the 1800s, but not as well documented as other diabetes-related disorders, like vision problems. In this article the author examines the likely connection between diabetes and hearing loss. A diabetes risk assessment test is given at the end of the article along with prevention tips and referrals for additional information.

Subject Category: Hearing.

Descriptors: Hearing Loss. Hearing and Health. Diabetes-related Disorder. Hearing Research.

201. ***Understanding Less and Less About More and More.***

Author(s): McSpaden, J. B.

Source: The Hearing Review. 10(4): 30-32. September 2003.

Availability: Available from CurAnt Communications Inc., Publisher. 6701 Center Drive West, Suite 450, Los Angeles, CA 90045-1535. (310) 642-4400. (310) 641-0831 (Fax). Web site: www.hearingreview.com.

Language: English.

Abstract: In this article the author is questioning whether hearing care professionals are keeping up with the technological learning curve, and presents a case that audiologists may be short-changing patients by their own limitations. The author believes that, unless hearing care professionals adapt new product technology, they may be dispensing the 'most expensive 1985 technology money can buy.'

Subject Category: Hearing.

Descriptors: Hearing Aid Technology. Hearing Technology. Digital Technology. Directional Technology. Hearing Aids. Hearing Assistive Devices. Deafness.

202. ***Assistive Technology Handbook.***

Author(s): Midwest Center for Postsecondary Outreach.

Source: Midwest Center for Postsecondary Outreach. St. Paul, MN. 2003. 12p.

Availability: Available from the Postsecondary PEPNet Resource Center. 18111 Nordhoff Street, Northridge, CA 91330-8267. (818) 677-2145. Toll-free: (888) 684-4695. TTY: (818) 677-2611. Fax: (818) 677-7693. E-mail: prc@csun.edu. Web site: www.pepnet.org/. PRICE: Free.

Language: English.

Abstract: The assistive technology handbook explains the various types of assistive technology (AT) for persons with a hearing and/or vision loss. It is written for a consumer to use and includes a definition of AT, examples of various categories of AT, a checklist to help the consumer make an appropriate selection, and information on funding. The AT handbook is also available online at the website of the Midwest Center for Postsecondary Outreach www.mcpc.org. Produced by MCPO.

Subject Category: Hearing.

Descriptors: Assistive Technology. Hearing Assistive Devices. Hearing Loss. Deafness.

203. ***Sudden Hearing Loss: Unique Challenges and Opportunities.***

Author(s): Miller, M. H.

Source: The Hearing Review. December 2003. 10(13):16-17.

Availability: Available from CurAnt Communications Inc., Publisher. 6701 Center Drive West, Suite 450, Los Angeles, CA 90045-1535. (310) 642-4400. Web site: www.hearingreview.com.

Language: English.

Abstract: Dr. Miller writes this article as an introduction to the articles and discussions in this issue this special edition of The Hearing Review. The entire issue is devoted to the topic of sudden sensorineural hearing loss (SSNHL). In this article the author introduces some of the key issues surrounding hearing loss, as well as the unique opportunities and challenges this disorder poses for hearing professionals. According to Dr. Miller, all hearing professionals need to know more about sudden sensorineural hearing loss since it is in many respects an 'emergency of the ear.' The article concludes with references.

Subject Category: Hearing.

Descriptors: Sudden Sensorineural Hearing Loss. Ear Disorder. Hearing Loss. Deafness. Hearing Loss Therapy. Professional Resource.

204. ***Rehabilitative Aspects of ISSNHL.***

Author(s): Miller, M. H., Schein, J. D.

Source: The Hearing Review. December 2003. 10(13):42-43.

Availability: Available from CurAnt Communications Inc., Publisher. 6701 Center Drive West, Suite 450, Los Angeles, CA 90045-1535. (310) 642-4400. Web site: www.hearingreview.com.

Language: English.

Abstract: In this article the authors discuss amplification and bone conduction options for those with idiopathic sudden sensorineural hearing loss (ISSNHL), and why counseling is the key to success.

Subject Category: Hearing.

Descriptors: Sudden Sensorineural Hearing Loss. Ear Disorder. Hearing Loss. Deafness. Hearing Loss Therapy. Professional Resource.

205. ***The Role of Rhinitis in Chronic Otitis Media.***

Author(s): Mion, O., de Mello, J. F., Lessa, M. M., Elder, Y. G., Miniti, A.

Source: Otolaryngology-Head and Neck Surgery. 2003;128:27-31.

Availability: Send requests to: Olavo Mion, MD. Otorhinolaryngology Division, University of Sao Paulo Hospital, Av Dr Eneas de Carvalho Aguiar, 255-6 Andar, Sala 6022, Sao Paulo, Brazil.

Language: English.

Abstract: In this article the authors report on an investigation of the role of allergic rhinitis in chronic otitis media (otitis media with effusion (OME) and chronic perforation of the tympanic membrane) in Sao Paulo, Brazil and whether there is any association between diseases. The study participants included 51 patients divided into 3 groups: allergic rhinitis, nonallergic rhinitis with eosinophils syndrome (NARES), and patients with types of rhinitis or without rhinitis.

Subject Category: Hearing.

Descriptors: Otitis Media. Otitis Media Research. Ear Disease. Ear Disorder.

206. ***The Use of Repair Strategies: Bilingual Deaf Children Using Sign Language and Spoken Language.***

Author(s): Most, T.

Source: The American Annals of the Deaf. 148(4):308-14. Fall 2003.
Availability: Available from Gallaudet University Press Denison House. 800 Florida Avenue, NE, Washington, DC 20002. (202) 651-5488 (Voice/TTY); Fax: (202) 651-5489. E-mail: gupress@gallaudet.edu.
Language: English.

Abstract: The language effects on repair strategies employed by seven bilingual deaf children (native signers who also used spoken language) was examined. During two sessions-one conducted in sign language and the other in spoken language-each child described a picture. The examiner stopped the child twice to request clarification. The children's responses to the requests were coded into seven repair strategies. Results indicated that language mode significantly influenced repair strategy behavior: In sign language, the children used a greater frequency, variety, and level of strategies. The position of the clarification request also had an effect: Later in the sequence, the children used more advanced strategies. It was assumed that these native signers evidenced a higher language level in sign, which allowed them to use more advanced communicational strategies in sign than in spoken language. This performance gap should be considered in intervention.

Subject Category: Hearing. Speech. Language.
Descriptors: Bilingual Deaf Children. American Sign Language. Oral-Deaf Communication. Deaf Children. Children With Hearing Loss. Sing Language Level. Communication Strategies.

207. ***They Said It Couldn't Be Done: NIH's Commitment to Basic Research Brings Cochlear Implants to Life.***

Author(s): National Institute on Deafness and Other Communication Disorders (NIDCD).

Source: NIDCD. Bethesda, MD. 2003. 24p.
Availability: Available from National Institute on Deafness and Other Communication Disorders (NIDCD) Information Clearinghouse. One Communication Avenue, Bethesda, MD 20892-3456. Voice: (800) 241-1044. TTY (800) 241-1055. Fax: (301) 907-8830. E-mail: nidcdinfo@nidcd.nih.gov. Website: www.nidcd.nih.gov. PRICE: Single copy free.

Language: English.
Abstract: The technology behind cochlear implants is changing rapidly. With advancements in technology and continued follow-up research with people who have already received implants, researchers are evaluating new opportunities and additional possible candidates for cochlear implants. This brochure discusses issues related to cochlear implants and the institute's role in development and research of the cochlear implant.
Subject Category: Hearing.
Descriptors: Cochlear Implants. Research. Hearing Assistive Devices. Clinical Trials. Hearing Loss. Deafness.

208. ***NIDCD: What We Do.***

Author(s): National Institute on Deafness and Other Communication Disorders (NIDCD).
Source: NIDCD. Bethesda, MD. 2004. 12p.
Availability: Available from National Institute on Deafness and Other Communication Disorders (NIDCD) Information Clearinghouse. One Communication Avenue, Bethesda, MD 20892-3456. Voice: (800) 241-1044. TTY (800) 241-1055. Fax: (301) 907-8830. E-mail: nidcdinfo@nidcd.nih.gov. Website: www.nidcd.nih.gov. PRICE: Single copy free.

Language: English.
Abstract: NIDCD supports scientific discovery. To understand both normal processes and those processes that disrupt or devastate human communication systems, NIDCD supports a wide range of research approaches and more than two dozen strategies. This publication contains details about the Institute's programs and activities.
Subject Category: Speech. Language. Voice. Hearing. Taste. Smell. Balance.
Descriptors: Research Training. Grants and Funding Opportunities. Deafness. Communication Disorders. Information Resources. Organizations. Professional Organizations. Voluntary Organizations. Advocacy. Speech Language Pathology. Otolaryngology. Sensory Disabilities. Hearing Loss. Conferences. Voice Disorders.

209. ***WISE EARS! Tips: Hearing Matters-Protect It.***

Author(s): National Institute on Deafness and Other Communication Disorders (NIDCD).

Source: NIDCD. Bethesda, MD. 2004. Single sheet.
Availability: Available from National Institute on Deafness and Other Communication Disorders (NIDCD) Information Clearinghouse. One Communication Avenue, Bethesda, MD 20892-3456. Voice: (800) 241-1044. TTY (800) 241-1055. Fax: (301) 907-8830. E-mail: nidcdinfo@nidcd.nih.gov. Website: www.nidcd.nih.gov. PRICE: Single copy free.

Language: English.
Abstract: Noise-induced hearing loss is defined as hearing loss caused by exposure to harmful sounds, either very loud impulse sound(s) or repeated exposure to sounds over 90-decibel level over an extended period of time that damage the sensitive structures of the inner ear. This fact sheet offers tips for preventing noise-induced hearing loss.
Subject Category: Hearing.
Descriptors: Noise-Induced Hearing Loss. Hearing Loss. Workplace Health. Hearing Protection. Children's Health.

210. ***What to Do If Your Baby's Screening Reveals a Possible Hearing Problem.***

Author(s): National Institute on Deafness and Other Communication Disorders (NIDCD).
Source: Bethesda, MD. National Institute on Deafness and Other Communication Disorders (NIDCD) Information Clearinghouse. 2003.
Availability: Available from National Institute on Deafness and Other Communication Disorders (NIDCD) Information Clearinghouse. 1 Communication Avenue, Bethesda, MD 20892-3456. Voice: (800) 241-1044. TTY (800) 241-1055. Fax: (301) 907-8830. E-mail: nidcdinfo@nidcd.nih.gov. Website: www.nidcd.nih.gov. PRICE: Single copy free. Also available online. NIH Pub No. 03-5338.

Language: English.
Abstract: This fact sheet explains to parents the steps to take should a screening reveal that their child may have hearing loss. The document discusses follow-up examination with an audiologist, early intervention processes and services, hearing devices, and communication and assistive communication technologies. The fact sheet also covers follow-up for the child who tests as hearing. A follow-up checklist and a list of referrals for additional information is included.
Subject Category: Hearing.
Descriptors: Newborn Screening. Newborn Hearing Test. Newborn Follow-up Evaluation. Infant Hearing Loss. Pediatric Deafness. Deaf Children. Parent Education. Communication. Speech and Language.

211. ***When a Newborn Doesn't Pass the Hearing Screening: How Medical and Other Health Professionals Can Help Increase the Number of Infants Who Return for a Follow-Up Evaluation.***

Author(s): National Institute on Deafness and Other Communication Disorders (NIDCD).
Source: Bethesda, MD. National Institute on Deafness and Other Communication Disorders (NIDCD) Information Clearinghouse. 2003.
Availability: Available from National Institute on Deafness and Other Communication Disorders (NIDCD) Information Clearinghouse. 1 Communication Avenue, Bethesda, MD 20892-3456. Voice: (800) 241-1044. TTY (800) 241-1055. Fax: (301) 907-8830. E-mail: nidcdinfo@nidcd.nih.gov. Website: www.nidcd.nih.gov. PRICE: Single copy free. Also available online. NIH Pub No. 98-4291.

Language: English.
Abstract: This fact sheet discusses the importance of follow-up and intervention for newborns who are identified as deaf or hard-of-hearing, following screening at birth. The fact sheet addresses effective ways that health professionals can intervene to ensure parents of hearing-impaired infants follow-up for their child's care. The fact sheet also details what parents should be told before leaving the hospital and lists additional resources to assist parents of a child diagnosed with hearing loss.
Subject Category: Hearing.
Descriptors: Newborn Screening. Newborn Hearing Test. Newborn Follow-up Evaluation. Infant Hearing Loss. Pediatric Deafness. Deaf Children. Parent Education. Professional Education.

212. ***Auditory Neuropathy: Quick Facts.***

Author(s): National Institute on Deafness and Other Communication Disorders (NIDCD).
Source: Bethesda, MD. National Institute on Deafness and Other Communication Disorders (NIDCD) Information Clearinghouse. 2003.

Availability: Available from National Institute on Deafness and Other Communication Disorders (NIDCD) Information Clearinghouse. 1 Communication Avenue, Bethesda, MD 20892-3456. Voice: (800) 241-1044. TTY (800) 241-1055. Fax: (301) 907-8830. E-mail: nidcdinfo@nidcd.nih.gov. Website: www.nidcd.nih.gov. PRICE: Single copy free. Also available online. NIH Pub No. 03-5343.

Language: English.

Abstract: This fact sheet presents a basic overview about auditory neuropathy, a hearing disorder in which sound enters the inner ear normally but the transmission of signals from the inner ear to the brain is impaired. Auditory neuropathy can affect people of all ages, from infancy through adulthood, as well as some deaf or hearing-impaired individuals. The fact sheet covers the causes, diagnosis, treatment and prognosis of this disorder, and lists referrals for additional information.

Subject Category: Hearing.

Descriptors: Auditory Neuropathy. Hearing Disorder. Hearing Impairment. Inner Ear Problem.

213. *NIDCD and Your Career.*

Author(s): National Institute on Deafness and Other Communication Disorders (NIDCD).

Source: NIDCD. Bethesda, MD. 2004. 12p.

Availability: Available from National Institute on Deafness and Other Communication Disorders (NIDCD) Information Clearinghouse. One Communication Avenue, Bethesda, MD 20892-3456. Voice: (800) 241-1044. TTY (800) 241-1055. Fax: (301) 907-8830. E-mail: nidcdinfo@nidcd.nih.gov. Website: www.nidcd.nih.gov. PRICE: Single copy free.

Language: English.

Abstract: This publication describes specific research training opportunities available in more than two dozen disciplines. These opportunities encompass basic, clinical and translational research.

Subject Category: Speech. Language. Voice. Hearing. Taste. Smell. Balance.

Descriptors: Research Training. Grants and Funding Opportunities. Deafness. Communication Disorders. Information Resources. Organizations. Professional Organizations. Voluntary Organizations. Advocacy. Speech Language Pathology. Otolaryngology. Sensory Disabilities. Hearing Loss. Conferences. Voice Disorders.

214. *More About Cochlear Implants.*

Author(s): National Institute on Deafness and Other Communication Disorders (NIDCD).

Source: Bethesda, MD. National Institute on Deafness and Other Communication Disorders (NIDCD) Information Clearinghouse. 2003.

Availability: Available from National Institute on Deafness and Other Communication Disorders (NIDCD) Information Clearinghouse. 1 Communication Avenue, Bethesda, MD 20892-3456. Voice: (800) 241-1044. TTY (800) 241-1055. Fax: (301) 907-8830. E-mail: nidcdinfo@nidcd.nih.gov. Website: www.nidcd.nih.gov. PRICE: Single copy free. Also available online. NIH Pub No. 03-5360A.

Language: English.

Abstract: This fact sheet presents a basic overview of cochlear implants including, the history of the cochlear implant, how cochlear implants work, who can benefit from this type of assistive hearing device (children and/or adults), and how patients can finance implantation surgery. A case study is used to demonstrate a specific situation in which choosing a cochlear implant was appropriate.

Subject Category: Hearing.

Descriptors: Hearing Disorder. Hearing Disorder Treatment. Hearing Assistive Devices. Deafness. Hard-of-Hearing. Cochlear Implantation.

215. *Newborn Screening In the 21st Century: Current Status and Considerations.*

Author(s): Nehring, W. M.

Source: The Exceptional Parent. 33(4): 53-56. April 2003.

Availability: Available from Exceptional Parent. 65 East Route 4, River Edge, NJ 07661. (201)489-4111; (201)489-0074 (Fax). Web site: <http://www.eparent.com/>.

Language: English.

Abstract: Questions about newborn screening and follow-up are being considered by both medical professional and the legal sectors in many states. This paper from the Health Promotion and Prevention Committee,

American Association on Mental Retardation (AAMR) of June 2002, serves to raise awareness among AAMR members on the issues, disseminate information for informed decision-making among members, and initiate discussion among members in relation to this topic. This particular is the sixth of a series that began in the October, 2002 issue of Exceptional Parent (EP) and continuing throughout 2003.

Subject Category: Hearing.

Descriptors: Newborn Screening. Infant Deafness. Infant Hearing Loss. Newborn Screening Policy. Newborn Screening Research.

216. *Tinnitus and Aging.*

Author(s): Newman, C. W., Sandridge, S. A.

Source: Tinnitus Today-Journal of the American Tinnitus Association. 28(2): 8-10. June 2003.

Availability: Available from American Tinnitus Association (ATA). P.O. Box 5, Portland, OR 97207-0005. (800) 634-8978 or (503) 248-9985. Fax: (503) 248-0024. E-mail: tinnitus@ata.org. Website: www.ata.org.

Language: English.

Abstract: Tinnitus is defined as the perception of sound when no external sound is present. For some tinnitus can be a life-altering condition. Thirty percent of people age 55 and older report tinnitus-a higher percentage than in the general population. This article discusses two questionnaires that can help individuals discover just how much of a problem tinnitus and hearing loss may be for them.

Subject Category: Hearing.

Descriptors: Tinnitus. Aging. Hearing Disorder. Tinnitus Diagnosis. Hearing Loss. Hearing Impairment.

217. *Hearing Status, Language Modality, and Young Children's Communicative and Linguistic Behavior.*

Author(s): Nicholas, J. G., Geers, A. E.

Source: Journal of Deaf Studies and Deaf Education. 8(4): 422-437. Fall 2003.

Availability: Available from Oxford University Press, Journals Customer Service, 2001 Evans Road, Cary, NC 27513. (800) 852-7323 or (919) 677-0977. Fax: (919) 677-1714. E-mail: jnlorders@oup-usa.org.

Language: English.

Abstract: This study examined early pragmatic skill development in a group of 38 children with severe or profound hearing loss between 1 and 4 years of age who were enrolled in a simultaneous communication (SC) approach to language learning. Both their use of intentionally communicative acts and their use of language were studied in an analysis of 30-min play sessions between a child and the primary caregiver. Results were compared with previously published data from two age-matched groups: 38 deaf children who were enrolled in oral communication (OC) programs and 84 normally hearing (NH) children. All groups showed a significant improvement with age in the communicative behaviors measured; therefore, the overall trend was toward growth-in all age groups-even when the rates of growth differed. By age 3 years, a pattern of communicative function use had emerged in all three groups. Patterns exhibited by deaf children in the SC and OC groups were similar to each other and to younger NH children but dissimilar to NH age mates. Although the use of signed input by normally hearing parents and teachers did not serve to ameliorate the profound effects of hearing loss on communication development in SC children, it did provide some early advantages. The children in SC groups did not exhibit an advantage over children in OC groups in their overall frequency of communication or the breadth of their vocabulary but they began using words earlier and used mature communicative functions significantly more often. Although children in the OC groups did not exhibit a significant advantage in the overall amount of speech used, they showed an advantage in the breadth of their spoken vocabulary in a conversational setting. Implications for early intervention programming are discussed.

Subject Category: Hearing. Language. Speech.

Descriptors: Infant Hearing Loss. Infant Deafness. Speech Development. Language Development. Language Development Skills. Early Childhood Deafness. Infant Communication. Linguistic Behavior. Speech-Language Development Skills. Hearing Impairment. Hard-of-Hearing Infants.

218. *Achieving Goals! DEAFinitely Dynamic.*

Author(s): Northwest Technical Assistance Center.

Source: Postsecondary Education Programs Network (PEPNet).

Northridge, CA. 27 minutes.

Availability: Available from the Postsecondary PEPNet Resource Center. 18111 Nordhoff Street, Northridge, CA 91330-8267. (818) 677-2145. Toll-free: (888) 684-4695. TTY: (818) 677-2611. Fax: (818) 677-7693. E-mail: prc@csun.edu. Web site: www.pepnet.org/. PRICE: \$20 plus shipping.

Language: English.

Abstract: The series inspires students who are deaf and hard of hearing to set high goals, to elevate their expectations and to become aware of diverse career and trade possibilities. The series will represent gender and cultural diversity and a variety of communication styles as well as a range of work environments. Volume No. 3 in the series features successful individuals who are deaf or hard of hearing—Mariyn J. Smith, Executive Director of Abused Deaf Women's Advocacy Services; Curtis J. Pride of the New York Yankees; Cesar A. Torres, DOOR America; Yolanda Rodriguez-Fraticelli, Laboratory School of the University of Puerto Rico.

Subject Category: Hearing.

Descriptors: Hearing Impaired. Deaf Professionals. Deafness. Disabilities.

219. *Achieving Goals! Brilliant at Business.*

Author(s): Northwest Technical Assistance Center.

Source: Postsecondary Education Programs Network (PEPNet). Northridge, CA. 27 minutes.

Availability: Available from the Postsecondary PEPNet Resource Center. 18111 Nordhoff Street, Northridge, CA 91330-8267. (818) 677-2145. Toll-free: (888) 684-4695. TTY: (818) 677-2611. Fax: (818) 677-7693. E-mail: prc@csun.edu. Web site: www.pepnet.org/. PRICE: \$20 plus shipping.

Language: English.

Abstract: The series inspires students who are deaf and hard of hearing to set high goals, to elevate their expectations and to become aware of diverse career and trade possibilities. The series will represent gender and cultural diversity and a variety of communication styles as well as a range of work environments. This volume (No. 2) highlights successful individuals who are deaf and hard of hearing in a business setting: Elizabeth A. Rios, account manager for Sprint Relay, Puerto Rico; Theresa A. King, owner of KINGME Enterprises, Washington, D.C.; Lee Kramer, certified financial planner and owner of Kramer Financial, Inc. headquartered in Germantown, Maryland; and Jimmy Libman, owner of Gimme Jimmy's Cookies, West Orange, New Jersey.

Subject Category: Hearing.

Descriptors: Hearing Impaired. Successful Deaf Individuals. Deafness. Disabilities.

220. *Achieving Goals! Career Stories of Individuals Who Are Deaf and Hard of Hearing.*

Author(s): Northwest Technical Assistance Center.

Source: Postsecondary Education Programs Network (PEPNet). Northridge, CA. 36 minutes.

Availability: Available from the Postsecondary PEPNet Resource Center. 18111 Nordhoff Street, Northridge, CA 91330-8267. (818) 677-2145. Toll-free: (888) 684-4695. TTY: (818) 677-2611. Fax: (818) 677-7693. E-mail: prc@csun.edu. Web site: www.pepnet.org/. PRICE: \$20 plus shipping.

Language: English.

Abstract: The series inspires students who are deaf and hard of hearing to set high goals, to elevate their expectations and to become aware of diverse career and trade possibilities. The series will represent gender and cultural diversity and a variety of communication styles as well as a range of work environments. This volume (No. 1) highlights Dr. Angel Santiago, optometrist, owner of EyeWear, Manati, Puerto Rico; Claudia Gordon, Esq., attorney at the NAD Law Center, Washington, D.C.; Dr. Scott R. Smith, a pediatrician at Children's Hospital in Boston, MA; and Dr. Kimberly Dodge, a veterinarian in West Hartford, CT.

Subject Category: Hearing.

Descriptors: Hearing Impaired. Deaf Professionals. Deafness. Disabilities.

221. *Assessment of Language Skills in Young Children With Profound Hearing Loss Under Two Years of Age.*

Author(s): Nott, P., Cowan, R., Brown, P. M., Wigglesworth, G.

Source: Journal of Deaf Studies and Deaf Education. 8(4): 401-421. Fall 2003.

Availability: Available from Oxford University Press, Journals Customer

Service, 2001 Evans Road, Cary, NC 27513. (800) 852-7323 or (919) 677-0977. Fax: (919) 677-1714. E-mail: jnlorders@oup-usa.org.

Language: English.

Abstract: This article presents an initial evaluation of a technique known as the Diary of Early Language (Di-EL), designed to obtain data about early lexical development in young children with profound hearing loss using cochlear implants, hearing aids, or both. The validity of the Di-EL, a parent report technique, was examined through comparisons with other measures of language development. Lexical data reported by parents using the Di-EL was found to agree with that reported by the same parents for the same children using the MacArthur Communicative Development Inventories (CDI), although some differences in the lexical items were noted. Rate of lexical acquisition on the Di-EL was found to correlate highly with that measured by the CDI and with expressive language skills as measured by the Rossetti Infant Toddler Language Scale, suggesting that the Di-EL is a valid measure of early lexical progress. These results are discussed with reference to other diary studies, along with research and clinical applications of the Di-EL.

Subject Category: Hearing. Language. Speech.

Descriptors: Early Lexical Development. Childhood Deafness. Childhood Hearing Loss. Language Development. Language Skills Development. Language Skills Measurement. Speech Research. Childhood development. Deaf Children. Language Assessment. Communication Skills. Infant Deafness. Hearing Impairment. Hard-of-Hearing Children.

222. *Age-Related Hearing Loss: Is It Inevitable?*

Author(s): Ohlemiller, K. K.

Source: Hearing Health. 19(3):25-26. Fall 2003.

Availability: Available from Hearing Health. 1050 17th Street, NW, Suite 701, Washington, DC 20036. (202)289-5850; (888)435-6104 (Voice/TTY); (202)293-1805 (Fax). E-mail: info@hearinghealthmag.com. Web site: http://www.hearinghealthmag.com/.

Language: English.

Abstract: The author discusses hearing loss and the aging process. What happens to our ears and ear function as we age, how our environment and some health problems can contribute to hearing loss, and what research is currently on the way that could delay hearing loss for older individuals.

Subject Category: Hearing.

Descriptors: Age-related Hearing Loss. Aging and Hearing Loss. Hearing Loss. Deafness. Aging. Hearing Research. Hearing and Health.

223. *Endolymphatic Sac-Vein Decompression for Intractable Meniere's Disease: Long-Term Treatment Results.*

Author(s): Ostrowski, V. B., Kartush, J. M.

Source: Otolaryngology-Head and Neck Surgery. 128(4): 550-9. April, 2003.

Availability: Available from American Academy of Otolaryngology-Head and Neck Surgery. One Prince St., Alexandria, VA 22314-3357. (703) 836-4444. TTY: (703) 519-1585. Web site: www.entnet.org/.

Language: English.

Abstract: The authors report on a study designed to determine the long-term efficacy of endolymphatic sac-vein decompression surgery on patients with classic Meniere's disease. The study subjects included sixty-eight patients with classic Meniere's disease from a tertiary, private otology-neurotology practice. Patient data were gathered by retrospective chart review, questionnaire, and patient interview. All patients underwent endolymphatic sac-vein decompression with an average follow-up period of fifty-five months. The results showed median functional level at level before surgery improving to level 2 after surgery. Among the results reported eighty-one percent of patients showed improvement in functional level, 12 percent remained stable, and 7 percent declined. The authors conclude that endolymphatic sac-vein decompression surgery is a safe, nondestructive surgical option for Meniere's disease that offers durable control of vertigo and stabilization of hearing for the majority of symptomatic patients. According to the authors, the significance of the study is that the beneficial long-term outcome of the endolymphatic sac-vein decompression supports its continued use as a first-line treatment option in intractable Meniere's disease.

Subject Category: Hearing. Balance.

Descriptors: Meniere's Disease. Meniere's Disease Therapy. Hearing Impairment. Ear Disorder Treatment. Hearing Research. Vertigo. Balance Disorder.

224. **Genetic Testing and the Early Hearing Detection and Intervention Process.**

Author(s): Palmer, C. G. S., Martinez, A., et al.

Source: The Volta Review. 103(4): 371-390. 2003. Alexander Graham Bell Association for the Deaf and Hard of Hearing.

Availability: Available from the Alexander Graham Bell Association for the Deaf and Hard of Hearing. Publications Department, 3417 Volta Place, NW, Washington, DC 20007-2778. Voice/TTY: (202) 337-5220. Web site: <http://www.agbell.org>. PRICE: \$24.95 plus shipping and handling.

Language: English.

Abstract: There is much discussion about incorporating genetic testing into early hearing and detection intervention (EHDI) process as a means to identify the etiology of hearing loss. The authors are involved in a 4 year study, the final results of which they expect will define the role and impact of genetic testing, combined with genetic counseling and genetic evaluation in the EHDI process. In this article the authors report their experience with the research thus far, some of which suggests that parents are interested in genetic testing for hearing loss in newborn/early infancy period, can understand important concepts of heterogeneity and inheritance after pre-test genetic counseling, and feel that genetic testing can benefit their baby, themselves, and their family.

Subject Category: Hearing.

Descriptors: Infant Hearing Loss. Deafness. Infant Deafness Research. Early Intervention. Genetic Testing. Genetic Counseling. Early Hearing Detection Process. Early Hearing Prevention Process. Infant Hearing Screening. Genetic Evaluation.

225. **Otitis Media: A Primer on Diagnosis and Management.**

Author(s): Parthasarathy, T. K., Bhat, V., Malur, G. J.

Source: The Hearing Journal. 2003;56;6:42-7.

Availability: Available from The Hearing Journal. E-mail: tpartha@siue.edu.

Language: English.

Abstract: The authors of this article seek to review the definition, pathogenesis, and diagnostic and management options of otitis media (OM). The authors describe OM as one of the most common conditions diagnosed by pediatricians in the United States among and its incidence among children is growing.

Subject Category: Hearing.

Descriptors: Otitis Media. Ear Disorder. Deafness in Children. Deafness. Otitis Media Management. Pediatric Hearing Disorder.

226. **PEPNet Resource Center.**

Author(s): PEPNet Resource Center.

Source: Northridge, CA: PEPNet Resource Center. 6 p.

Availability: Available from the Postsecondary Education Programs Network (PEPNet) consortium. 18111 Nordhoff Street, Northridge, CA 91330-8267. (818) 677-2145. Toll-free: (888) 684-4695. TTY: (818) 677-2665. Fax: (818) 677-7693. Web site: www.pepnet.org.

Language: English.

Abstract: The PEPNet Resource Center offers technical assistance and information support to post-secondary institutions that serve students who are deaf or hard-of-hearing. The center maintains an online catalog of books, videotapes, periodicals, documents, research reports, organizational information, training curricula, and contact lists for national and regional clearinghouses concerned with issues related to deafness and hearing impairments.

Subject Category: Hearing.

Descriptors: Deafness. Deaf Persons. Hard of Hearing Persons. Hearing Impaired Persons. Hearing Loss. Education of the Hearing Impaired. Employment Opportunities. Education. Postsecondary Education. Vocational Education. Training. Employment. Interpreters. Interpreter Training. Sign Language. American Sign Language. ASL. Sign Language Interpreters.

227. **PEPNet Postsecondary Education Programs Network.**

Author(s): PEPNet.

Source: Northridge, CA: PEPNet Resource Center. YEAR.

Availability: Available from the Postsecondary Education Programs Network (PEPNet) consortium. 18111 Nordhoff Street, Northridge, CA 91330-8267. (818) 677-2145. Toll-free: (888) 684-4695. TTY: (818) 677-

2665. Fax: (818) 677-7693. Web site: www.pepnet.org.

Language: English.

Abstract: PEPNet, the Postsecondary Education Programs Network, provides training, technical assistance, and consultation to postsecondary institutions about accommodations for people who are deaf or hard-of-hearing. The organization's primary objective is to improve educational and employment opportunities for individuals who are deaf or hard-of-hearing. There are four regional centers: the Midwest Center for Postsecondary Outreach in Saint Paul, Minnesota; the Northeast Technical Assistance Center in Rochester, New York; the Postsecondary Education Consortium in Knoxville, Tennessee; and the Western Region Outreach Center and Consortia in Northridge, California. The brochure defines the regional boundaries and provides contact information for each center.

Subject Category: Hearing.

Descriptors: Deafness. Deaf Persons. Hard of Hearing Persons. Hearing Impaired Persons. Hearing Loss. Education of the Hearing Impaired. College Education. Employment Opportunities. Education. Postsecondary Education. Vocational Education. Training. Employment. Interpreters. Interpreter Training. Sign Language. American Sign Language. ASL. Sign Language Interpreters. Support Services.

228. **Sudden Deafness As a Manifestation of the Rupture of a Cerebral Arteriovenous Malformation.**

Author(s): Perez Fernandez, C. A.

Source: Otolaryngology-Head and Neck Surgery. 128(4): 592-4. April, 2003.

Availability: Available from American Academy of Otolaryngology-Head and Neck Surgery. One Prince St., Alexandria, VA 22314-3357. (703) 836-4444. TTY: (703) 519-1585. Web site: www.entnet.org/.

Language: English.

Abstract: This study presents the case of a patient with sudden deafness due to an exceptional and serious cause-the rupture of a cerebral arteriovenous malformation (AVM). The author's conclusion emphasizes that in cases of sudden deafness accompanied by some other atypical sign or symptom (especially neurologic), a central cause should be evaluated as a first etiologic possibility.

Subject Category: Hearing.

Descriptors: Sudden Deafness. Sudden-Onset Deafness. Deafness. Tinnitus. Hearing Disorder.

229. **Outcomes of Cochlear Implantation in Children With Auditory Neuropathy.**

Author(s): Peterson, A.

Source: American Academy of Audiology. Reston, VA. 14(4):188-201. May/June 2003.

Availability: Available from the American Academy of Audiology. Publications, 11730 Plaza America Drive, Suite 300, Reston, VA 20190. Voice: 800-AAA-2336; 703-790-8466. Fax: 703-790-8631. Web site: <http://www.audiology.org/>.

Language: English.

Abstract: This article reports on a study to examine the benefits of cochlear implants for children with auditory neuropathy (AN). Ten children who were diagnosed with AN were matched with ten children diagnosed with other etiologies. Both groups received cochlear implants at the Mayo Clinic in Rochester, Minnesota. The research team compared the children's unaided and aided audiograms, as well as measures of threshold and comfort levels. Performance on age appropriate speech perception tests was measured. Electrically elicited auditory brainstem response, predicted Neural Response Telemetry thresholds, and visually detected electrical stapedius reflexes were compared. Parental report of cochlear implant benefit was evaluated using either the Meaningful Auditory Integration Scale or the Infant-Toddler Meaningful Auditory Integration Scale, according to age. The team compared educational placement and communication mode also. The researchers conclude that since there were no important differences in cochlear implant benefit between the two groups, they support the use of cochlear implants as a viable option for selected children with auditory neuropathy. The report includes references.

Subject Category: Hearing.

Descriptors: Auditory Brain Stem Response. Electrical Auditory Brain Stem Response. Auditory Neuropathy. Cochlear Implant. Speech Perception. Speech Processing Strategy. Otoacoustic Emissions. Neural Synchrony. Neural Dys-Synchrony.

230. **Hearing Loss in Children and Adults: Audiometric Configuration, Asymmetry, and Progression.**

Author(s): Pittman, A. L., Stelmachowicz, P. G.
Source: Ear and Hearing. June 2003;24:198-205.
Availability: Available from Ear and Hearing. Web site: www.ear-hearing.com.

Language: English.

Abstract: The authors of this article reports on a study conducted to characterize the sensorineural hearing losses of a group of children and adults along three parameters important to the hearing instrument fitting process: audiometric configuration; asymmetry of loss between ears; and progression of loss over several years. Study devices utilized included audiograms for 248 60-and 61 year old adults and 227 6-year-old children, obtained from the audiological database at Boys Town National Research Hospital, Omaha, Nebraska. 7 figures and references.

Subject Category: Hearing.

Descriptors: Hearing Loss. Hearing Loss Treatment. Assistive Listening Devices. Deafness in Children and Adults.

231. **Anxiety in the First Attack of Vertigo.**

Author(s): Pollak, L., Klein, C., Rafael, S., Vera, K., Rabey, J. M.
Source: Otolaryngology-Head and Neck Surgery. June 2003. 128:829-34.

Availability: Available from Department of Neurology, The Assaf Harofeh Medical Center, Tel Aviv University, and Mental Hospital, Beer Yaakov, Israel. E-mail: Eitan.pollak@telrad.co.il.

Language: English.

Abstract: The authors of this article report on the findings of a comparative questionnaire study in 30 patients with a first attack of vestibular dysfunction and 35 patients with a non-vestibular neurologic deficit of acute onset. The purpose of the study was to measure the psychological impact of an acute vertigo attack.

Subject Category: Balance. Hearing.

Descriptors: Vertigo. Balance Disorder. Vestibular Disorder. Hearing Disorder. Dizziness.

232. **The Counseling Process: Before and After the Hearing Instrument Fitting.**

Author(s): Popp, P., and Hackett, G.
Source: The Hearing Review. April 2003. 10(4). p. 44-46.
Availability: Available from CurAnt Communications Inc., Publisher. 6701 Center Drive West, Suite 450, Los Angeles, CA 90045-1535. (310) 642-4400. PRICE: Available free online at www.hearingreview.com.

Language: English.

Abstract: Counseling is an essential part of the hearing aid fitting process. Hearing-impaired patients who receive counseling are more likely to wear their hearing aids regularly and to experience successful results. This article describes how hearing care professionals can assume the role of "non-professional" counselor in helping patients come to terms with their hearing loss and hearing aid. Alternative approaches to counseling and counseling environments are also discussed.

Subject Category: Hearing.

Descriptors: Hearing Aid. Assistive Device. Assistive Listening Device. Psychological Factors. Coping. Counseling. Hearing Loss. Sensorineural Hearing Loss.

233. **PEPNet Products Catalog, 3rd Edition.**

Author(s): Postsecondary Education Programs Network.
Source: Postsecondary Education Programs Network.
Availability: Available from the Postsecondary Education Programs Network (PEPNet) consortium. 18111 Nordhoff Street, Northridge, CA 91330-8267. (818) 677-2145. Toll-free: (888) 684-4695. TTY: (818) 677-2665. Fax: (818) 677-7693. Web site: www.pepnet.org/. PRICE: Available free online.

Language: English.

Abstract: This catalog provides educators with training and curriculum resources for working with deaf and hard-of-hearing students. Materials are developed by PEPNet consortium members.

Subject Category: Hearing.

Descriptors: Education of the Hearing Impaired. Hearing Impaired Persons. Hard of Hearing Persons. Deaf Persons. Deafness. Education. Postsecondary Education. Equipment and Supplies. Instructional

Materials. Audiovisual Materials. Continuing Education. Professional Education.

234. **Vocabulary Assessment of Deaf and Hard-of-Hearing Children From Infancy Through the Preschool Years.**

Author(s): Prezbindowski, A. K., Lederberg, A. R.
Source: Journal of Deaf Studies and Deaf Education. 8(4): 383-400. Fall 2003.

Availability: Available from Oxford University Press, Journals Customer Service, 2001 Evans Road, Cary, NC 27513. (800) 852-7323 or (919) 677-0977. Fax: (919) 677-1714. E-mail: jnlorders@oup-usa.org.

Language: English.

Abstract: The purpose of this article is to inform researchers and practitioners about potential challenges in the selection, administration, and interpretation of results of measures of vocabulary assessment when working with deaf and hard-of-hearing children. This article reviews methods that can be used to assess vocabulary of children through the age of 5 years, including naturalistic observation, parent report measures, and standardized vocabulary tests. The authors also describe procedures to assess word-learning processes available to children to facilitate vocabulary acquisition. General cautions regarding the use of assessment tools with deaf and hard-of-hearing children are reviewed, as well as cautions for specific assessment measures. Finally, based on available research, suggestions are offered regarding what each assessment test can tell us about deaf and hard-of-hearing children's vocabulary development.

Subject Category: Hearing. Language. Speech.

Descriptors: Childhood Deafness. Childhood Hearing Loss. Language Development. Language Skills Development. Language Skills Measurement. Speech Research. Childhood development. Deaf Children. Language Assessment. Communication Skills. Infant Deafness. Hearing Impairment. Hard-of-Hearing Children.

235. **PRO-ED 2003 Catalog: Occupational Therapy, Physical Therapy, Rehabilitation.**

Author(s): PRO-ED Inc.
Source: Austin, TX: PRO-ED, Inc. 2003. 111 p.
Availability: Available from PRO-ED, Inc. 8700 Shoal Creek Boulevard, Austin, TX 78757-6897. (800) 897-3202; Fax: (800) 397-7633. Web site: <http://www.proedinc.com>. PRICE: Single copy free.

Language: English.

Abstract: This catalog lists tests, instructional materials, books and teacher materials, and journals in the areas of occupational therapy, physical therapy, and rehabilitation. Tests topics include visual perception; motor skills; feeding and swallowing; traumatic brain injury; comprehensive development scales; adaptive behavior; and vocational or transition. Instructional materials, books, and teacher materials are also available in these topic areas. Each item is described in detail and illustrated with a full-color photograph. Brief information about related professional journals is noted. Pricing information is included. The catalog includes an author index, a title index, and order forms.

Subject Category: Speech. Language. Hearing.

Descriptors: Occupational Therapy. Physical Therapy. Rehabilitation. Assessment Instrument. Diagnostic Tests. Curriculum Guides. Instructional Materials.

236. **PRO-ED Early Childhood Products, Catalog.**

Author(s): PRO-ED Publishers.
Source: PRO-ED Publishers. Spring 2003. 87p.
Availability: Available from PRO-ED Publishers. 8700 Shoal Creek Boulevard, Austin, TX 78757-6897. 800-897-3202; Fax: 800-397-7633, Attn: Marketing. Web site: www.proedinc.com. PRICE: Single copy free. Order#9999E, request by mail, fax, or online at <http://www.proedinc.com/catreq.html>.

Language: English.

Abstract: This catalog offers resource and reference texts, curriculum and therapy materials, and professional journals related to speech, language, and hearing; psychology and counseling; special education (including developmental disabilities, rehabilitation, and gifted education); early childhood intervention; and occupational and physical therapy.

Subject Category: Language. Speech. Hearing. Voice.

Descriptors: Special Education. Deafness. Hard-of-Hearing. Learning Disabilities. Speech-Language Pathology. Speech and Language

Development. Asperger Syndrome. Autism Spectrum Disorder. Speech Disorder. Hearing Disorder. Rehabilitation. Motor Skills Development. Disorders.

237. ***Deaf? Hard of Hearing? In My Class?! A Primer for the Uninitiated Instructor.***

Author(s): Rawlinson, S. J.

Source: Western Region Outreach Center and Consortium (WROCC). Northridge, CA. 2003. 41p.

Availability: Available from the Postsecondary PEPNet Resource Center. 18111 Nordhoff Street, Northridge, CA 91330-8267. (818) 677-2145. Toll-free: (888) 684-4695. TTY: (818) 677-2611. Fax: (818) 677-7693. E-mail: prc@csun.edu. Web site: www.pepnet.org/. PRICE: Free.

Language: English.

Abstract: A pocket-sized handbook for faculty new to having deaf and hard of hearing students in class. Topics include meaning of hearing loss, classroom accommodations, testing accommodations, and communication tips among others.

Subject Category: Hearing.

Descriptors: Communication Tips. Deaf Students. Hard-of-Hearing Students. Communication. Teacher Resource.

238. ***How Fitting, Patient, and Environmental Factors Affect Directional Benefit.***

Author(s): Ricketts, T. A.

Source: The Hearing Journal. 56(11): 31-36. November 2003.

Availability: Available from Lippincott Williams and Wilkins. Customer Service, P.O. 1175, Lowell, MA 01853. (978) 262-9611. Fax: (978) 262-9617. Website: <http://www.thehearingjournal.com>.

Language: English.

Abstract: The author discusses some major factors that limit directional benefit for hearing aid users, including hearing aid selection (style, frequency range) and fitting; and patient listening situations--environmental noise.

Subject Category: Hearing.

Descriptors: Hearing Aid. Directional Technology. Directional Microphone Hearing Aids. Hearing Research. Hearing Aid Assistive Devices. Hearing Technology.

239. ***Auditory Steady-State Response Testing in Children: Evaluation of a New Technology.***

Author(s): Roberson, J., O'Rourke, C., Stidham, K. R.

Source: Otolaryngology-Head and Neck Surgery. July 2003. 129:107-113.

Availability: Reprint Requests: CarolAnn O'Rourke. California Ear Institute at Stanford, 801 Welch Road, Palo Alto, CA 94304. E-mail: corourke@ceistanford.com.

Language: English.

Abstract: This article reports on the findings of a study to evaluate auditory steady-state responses (ASSR) for determining frequency-specific hearing impairment and to compare this technology with conventional auditory brainstem responses. The study subjects included 28 pediatric patients, aged 7 to 61 months.

Subject Category: Hearing.

Descriptors: Hearing Impairment in Children. Hard-of-hearing Infants. Research Study. Auditory Responses. Infant Hearing Tests. Hearing Testing Technology. Treating Pediatric Hearing Loss.

240. ***Signs of Resilience: Assets That Support Deaf Adults' Success in Bridging the Deaf and Hearing Worlds.***

Author(s): Rogers, S., Muir, K., Evenson, C. R.

Source: American Annals of the Deaf. 148(3): 222-232. Summer 2003.

Availability: Available from Gallaudet University Press. 800 Florida Avenue, NE, Washington, DC 20002. (202)651-5488 (Voice/TTY); (202)651-5489 (Fax). E-mail: valencia.simmons@gallaudet.edu. Website: <http://gupress.gallaudet.edu/annals/>.

Language: English.

Abstract: This article presents a multi-case exploratory study used to describe interpersonal, behavioral, and environmental assets that may build bridges between the deaf and hearing worlds for deaf adults. The study focuses on three former community college students and provides

new information about internal resources that may give a significant boost to deaf individuals in enhancing their work and social lives, despite their deafness. The study identifies fifteen assets that may support resilience in Deaf adults, including authenticity and comfort with solitude, which the authors hypothesize may be resilience-fostering interpersonal assets of unique importance in the deaf community. The authors conclude that deaf adults who recognize and build on their strengths, are pioneers for others who seek to bridge the gap between theirs and the hearing world.

Subject Category: Hearing.

Descriptors: Deafness. Disabilities. Hearing Impairment Skills. Deaf Adult Support. Resilience Support. Behavioral Strategies. Social Support. Social Development. Deaf Students.

241. ***Working Memory for Speechreading and Poorly Specified Linguistic Input: Applications to Sensory Aids.***

Author(s): Ronnberg, J.

Source: The Hearing Review. May 2003. 10(5). p. 26-31.

Availability: Available from CurAnt Communications Inc., Publisher. 6701 Center Drive West, Suite 450, Los Angeles, CA 90045-1535. (310) 642-4400. PRICE: Available free online at www.hearingreview.com.

Language: English.

Abstract: This article outlines research at the Swedish Institute for Disability Research on the cognitive abilities of individuals who speechread. Areas of focus include visual speechreading, speech understanding with cochlear implants and tactile aids, and speech recognition with hearing aids.

Subject Category: Hearing.

Descriptors: Cochlear Implants. Tactile Aids. Hearing Aids. Hearing Impaired Persons. Deaf Persons. Speechreading. Speech Recognition. Lip Reading. Speech Perception. Cognitive Abilities.

242. ***Developments in Research and Technology: The Telecoil and Beyond.***

Author(s): Ross, M., Levitt, H.

Source: Volta Voices. 10(6): 32. November-December 2003.

Availability: Available from Alexander Graham Bell Association for the Deaf, Inc. 3417 Volta Place, NW, Washington, DC 20007. (202) 337-5220; (202) 337-5221 (TTY); Fax: (202) 337-8314. Website: www.agbell.org.

Language: English.

Abstract: A telecoil is a new and innovative assistive hearing device. This article provides information about this hearing device that helps individuals with hearing loss to experience a new world of sound. One advantage of this device discussed by the author is improved telephone usage. The telecoil can bypass the inefficient process of converting electrical signals to the telephone and then to the hearing microphone. A patient who uses a telecoil also experience reduced distortion, internal noise, and background noise. Other factors of the telecoil and other similar innovations are covered in the article.

Subject Category: Hearing.

Descriptors: Hearing-Assistive Technologies. Hearing Research. Hearing Technology. Hearing Aids. Hearing Loss. Hearing Assistive Devices. Audiology.

243. ***Developments in Research and Technology: Computerized Earmold Fabrication.***

Author(s): Ross, M., Levitt, H.

Source: Volta Voices. 10(2): 21. March-April 2003.

Availability: Available from Alexander Graham Bell Association for the Deaf, Inc. 3417 Volta Place, NW, Washington, DC 20007. (202) 337-5220; (202) 337-5221 (TTY); Fax: (202) 337-8314. Website: www.agbell.org.

Language: English.

Abstract: The author of this article discusses earmold (the shell of the hearing aid for models that are fitted inside the ear) design and the effect of a well-fitting (or poorly designed) model on performance and comfort. The authors talk specifically about the processes involved in developing a good earmold and the availability of new technology that eliminates many of the problems that could result from poorly designed earmolds.

Subject Category: Hearing.

Descriptors: Hearing-Assistive Technologies. Hearing Research. Hearing Technology. Hearing Aids. Computerized Earmold. Hearing Loss. Assistive Devices. Audiology.

244. **Update on Newborn Hearing Screening: Steady Progress, Challenges Remain.**

Author(s): Roush, J.

Source: Washington, Dc. 2003. Volta Voices.

Availability: Available from Alexander Graham Bell Association for the Deaf and Hard of Hearing. 3417 Volta Place, NW, Washington, DC 20007. 202-337-5220; TTY: 202-337-5221; FAX: 202-337-8314. Web site: www.agbell.org.

Language: English.

Abstract: This article discusses the status of newborn screening and screening programs in states throughout the nation. The author also looks at intervention programs and the lack of well-qualified field service providers. Resources for additional information are included at the end of the article.

Subject Category: Hearing.

Descriptors: Newborn Hearing Screening. Infants. Hearing Test. Hearing Screening. Pediatric Hearing Test.

245. **Evaluation of Anti-Hsp70 Antibody Screening in Sudden Deafness.**

Author(s): Samuelsson, A., Hyden, D., Roberg, M., Skogh, T.

Source: Ear and Hearing. June 2003;24:233-5.

Availability: Available from Ear and Hearing. Web site: www.ear-hearing.com.

Language: English.

Abstract: The authors of this article reports on a study conducted to assess the diagnostic utility of anti-hsp70 antibody screening in sudden deafness. In the study sera from 27 patients with deafness and 100 healthy blood donors were analyzed. The authors concluded that the anti-hsp70 WB test lacks clinical utility for diagnostic screening in patients with sudden deafness.

Subject Category: Hearing.

Descriptors: Deafness. Hearing Loss. Sudden Deafness. Screening.

246. **A Solution for Cell Phone Use for Non-Telecoil Equipped Hearing Aids.**

Author(s): Sanford, M. J.

Source: The Hearing Review. 2003;10:5:54-6.

Availability: Send correspondence to Mark Sanford, MS. CSG/Better Hearing Center, 31 Panoramic Way, 1st Floor, Walnut Creek, CA 94595. E-mail: CSGBetterHearing@aol.com. More information on Vortis Technology is at www.thevortis.com.

Language: English.

Abstract: This article presents a review of one of several approaches in development to eliminate the problem that users of hearing aids have with cell phone interference. The particular strategy described in this article is one example of the types of technologies in development for solving the cellular phone/HAC issue.

Subject Category: Hearing.

Descriptors: Hearing Aids. Hearing Disorder. Deafness. Hearing Loss. Assistive Listening Devices.

247. **The Role of Cued Speech in the Development of Spanish Prepositions.**

Author(s): Santana Hernandez, R., Torres Monreal, S., Garcia Orza, J.

Source: The American Annals of the Deaf. 148(4):323-31. Fall 2003.

Availability: Available from Gallaudet University Press Denison House. 800 Florida Avenue, NE, Washington, DC 20002. (202) 651-5488 (Voice/TTY; Fax: (202) 651-5489. E-mail: gupress@gallaudet.edu.

Language: English.

Abstract: The aim of the present study was to advance the knowledge of the linguistic development of students with prelingual profound deafness, especially the acquisition and use of prepositions in Spanish, a lexical category with an important role in verbal comprehension. The researchers sought to learn the level of mastery students with prelingual profound deafness can achieve in the command of prepositions, depending on the system of communication they have been exposed to: classic oralism, Cued Speech, or signed language. The results show that the different systems of communication contribute, to different degrees, to the acquisition of Spanish prepositions, with the best results being obtained with Cued Speech.

Subject Category: Hearing. Speech. Language.

Descriptors: Deaf Children. American Sign Language. Oral-Deaf Communication. Deaf Children. Children With Prelingual Profound Deafness. Spanish. Cued Speech. Communication Strategies.

248. **Sensory Perspectives (2 DVDs).**

Author(s): SAR Studios, U. S. U.

Source: HOPE, Inc. North Logan, UT. 2003.

Availability: Available from Hope, Publishing Incorporated. 1856 North 1200 East, North Logan, Utah 84321. 435-245-2888. E-mail: hope@hopepubl.com; Web site: http://www.hopepubl.com/. PRICE: \$65 plus shipping and handling.

Language: English.

Abstract: These DVDs contain information and instruction that helps families, teachers, service providers and medical personnel gain a better understanding of what it means to be deaf, blind or deaf-blind. The program includes information on sensory losses with simulations of different types of vision loss, hearing loss, and combined vision and hearing loss. These illustrate for the viewer the impact of sensory losses on an individual's learning and interactions with the world.

Subject Category: Hearing.

Descriptors: Deaf-Blind. Deafness. Hard-of-Hearing. Hearing Loss. Vision Loss. Sensory Losses.

249. **Programs and Services for Deaf and Hard of Hearing Children and Their Families.**

Author(s): Sass-Lehrer, M.

Source: In: The Young Deaf or Hard of Hearing Child: A Family-Centered Approach to Early Education. Bodner-Johnson, B.; Sass-Lehrer, M., ed. Baltimore, MD. Brookes Publishing Co. 2003. pp153-80.

Availability: Available from Brookes Publishing Co. P.O. Box 10624, Baltimore, MD 21285-0624. (800)638-3775; (410)337-9580; Fax: (410)337-8539. E-mail: custserv@brookespublishing.com. Website: http://www.pbrookes.com/. PRICE: \$38 (paperback) plus shipping and handling. ISBN: 1-55766-579-6.

Language: English.

Abstract: The widespread adoption of Universal Newborn Hearing Screening (UNHS) programs across the United States has resulted in the identification of hearing loss at increasingly earlier ages. In this chapter from the book titled The Young Deaf or Hard of Hearing Child: A Family-Centered Approach to Early Education the author provides readers with an overview of the research, legislation, and professional guidelines that shape quality programming for young children who are deaf and hard-of-hearing and their families. Components of early education programming and models for service delivery are presented as well as program application guidelines. The author concludes the chapter with a discussion of future perspectives on programming for young children who are deaf or hard-of-hearing and their families.

Subject Category: Hearing.

Descriptors: Community Services. Childhood Hearing Loss. Early Childhood Education Programs. Special Education. Early Intervention. Deaf Children. Hard-of-Hearing Children. Parent Resource. Disability Rights. Legislation. Advocacy.

250. **Read With Me Video Set 11, Special Edition: C Is For Curious.**

Author(s): Schick, B., Moeller, M. P., Williams, K.

Source: Boys Town, NE: Boys Town Press. 2003. ISBN: 1-889322-58-X. Closed Captioned ASL Video. 38 minutes.

Availability: Available from Boys Town Press. 14100 Crawford Street, Boys Town, NE 68010. (800) 282-6657. Fax: (402) 498-1310. E-mail: btpress@girlsandboystown.org. PRICE: \$19.95 plus shipping and handling.

Language: English.

Abstract: Produced by the Center for Hearing Loss in Children at the Boys Town National Research Hospital. Leaping cows, egotistical pigs and baseball-playing dogs will captivate young readers. Internationally acclaimed American Sign Language (ASL) storyteller Peter Cook captures the whimsical comic images with his creative use of ASL. This is a story that will help Deaf children explore their feelings, from angry to zealous, while learning how to play with ASL signs. (The spoken English narration on the video corresponds with the ASL storyteller and may not exactly follow the printed English text.)

Subject Category: Hearing.

Descriptors: Deaf Children. Hard-of-Hearing. Hearing Impaired Children.

Communication Skills. American Sign Language. Parent Resource. Educational Resource.

251. ***Serving Clients Who Use Sign Language.***

Author(s): Scott, S., Lee, J. H.

Source: The ASHA Leader. 8(6): 6-7,36. April 1, 2003.

Availability: Available from American Speech-Language-Hearing Association (ASHA). Product Sales, 10801 Rockville Pike, Rockville, MD 20852. (888) 498-6699. TTY (301) 897-0157. Website: www.asha.org.

Language: English.

Abstract: In this article the authors make the case that speech-language and hearing professionals should more directly serve clients who use sign languages as their primary mode of communication. The authors state that although it may be necessary to use interpreters in some situations or locales or to make referrals to larger urban areas, programs, clinics, and schools throughout the country should make every effort to communicating with these clients using language with which they are most comfortable.

Subject Category: Hearing. Language.

Descriptors: American Sign Language. Deafness. Speech-Language Application. Speech-Language Therapist. Deaf Communication. Hard-of-Hearing.

252. ***Risk Factors for Tinnitus in a Population of Older Adults: The Blue Mountains Hearing Study.***

Author(s): Sindhusake, D., et al.

Source: The American Auditory Society: Ear and Hearing Journal. www.amauditorysoc.org. 23(6): 501-7. November 2003.

Availability: Available from Lippincott Williams and Wilkins. 530 Walnut Street, Philadelphia, PA 19106-3621. Voice: (215) 521-8300.

Language: English.

Abstract: This article reports on a cross-sectional, epidemiological study which sought to identify potential and modifiable risk factors for tinnitus among an older Australian population. The subjects were 2015 persons aged fifty-five and older, living in an area of Sydney, Australia. The Blue Mountains Hearing Study was conducted in conjunction with colleagues from Sydney University, University of Western Sydney and University of Newcastle in Australia.

Subject Category: Hearing.

Descriptors: Tinnitus. Hearing Research. Hearing Disorder. Hearing Loss Prevention. Older Adults. Blue Mountains Hearing Study.

253. ***Family Rights, Legislation, and Policies: What Professionals Need to Know to Promote Family Involvement and Advocacy.***

Author(s): Sonnenstrahl, B., Raimondo, B.

Source: In: The Young Deaf or Hard of Hearing Child: A Family-Centered Approach to Early Education. Bodner-Johnson, B.; Sass-Lehrer, M., ed. Baltimore, MD. Brookes Publishing Co. 2003. pp61-95.

Availability: Available from Brookes Publishing Co. P.O. Box 10624, Baltimore, MD 21285-0624. (800)638-3775; (410)337-9580; Fax: (410)337-8539. E-mail: custserv@brookespublishing.com. Website: http://www.pbrookes.com/. PRICE: \$38 (paperback) plus shipping and handling. ISBN: 1-55766-579-6.

Language: English.

Abstract: Among the main responsibilities of professionals working with deaf and hard-of-hearing children is to help parents to improve their abilities for advocating on behalf of their children. In this chapter, from the book titled The Young Deaf or Hard of Hearing Child: A Family-Centered Approach to Early Education, the authors discuss advocacy and involvement, outline some aspects of federal law that address family involvement and advocacy, and offer advice to professionals on how to better promote involvement and advocacy of families in early intervention and education systems.

Subject Category: Hearing.

Descriptors: Early Childhood Education. Special Education. Early Intervention. Deaf Children. Hard-of-Hearing Children. Parent Resource. Disability Rights. Legislation. Advocacy.

254. ***Exploring the Language and Literacy Outcomes of Pediatric Cochlear Implant Users.***

Author(s): Spencer, L. J., Barker, B. A., Tomblin, J. B.

Source: Ear and Hearing. June 2003;24:236-247.

Availability: Available from Ear and Hearing. Web site: www.ear-hearing.com.

Language: English.

Abstract: The authors report on a research study, the goal of which is to investigate the relationship between language, and literacy (reading and writing) skills in pediatric cochlear implant users. Peripherally, the study sought to identify the children's skills that needed remediation and subsequently to provide suggestions for remedial programming. Thirty-two participants were used in the study, including 16 pediatric cochlear implant users and 16 hearing children of similar age.

Subject Category: Hearing. Language.

Descriptors: Cochlear Implants. Pediatric Cochlear Implants. Pediatric Hearing Loss. Children and Hearing Loss. Deafness. Hard-of-Hearing Children. Assistive Listening Devices.

255. ***Noise & Toys.***

Author(s): Stein-Meyers, A.

Source: ADVANCE for Speech-Language Pathologists and Audiologists. November 24, 2003.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. 610-278-1400. E-mail: advance@merion.com. Website: www.advancweb.com.

Language: English.

Abstract: This article offers tips and suggestions to parents for selecting toys that are safe in terms of loudness. The article concludes with referrals for additional information on choosing toys that have safe noise levels.

Subject Category: Hearing.

Descriptors: Noise-Induced Hearing Loss. Deafness. Hearing Loss. Children. Parent Resource.

256. ***Literacy and Your Deaf Child: What Every Parent Should Know.***

Author(s): Stewart, D. A., Clarke, B. R.

Source: Gallaudet University Press. ISBN: 1-56368-136-6. Paperback, 228 pp. 2003.

Availability: Available from The University of Chicago Press, Chicago Distribution Center. 11030 South Langley, Chicago, IL 60628. (800) 621-2736 (U.S. and Canada); (773) 702-7000 (Rest of world). Fax: (800) 621-8476 (U.S. & Canada); (773) 702-7212 (Rest of world). E-mail: custserv@press.uchicago.edu.

Language: English.

Abstract: This book gives parents who are raising deaf children important insights into the relationship of language to reading and writing. The book defines associated terminology, discusses the unique challenges deaf children face and the role schools play, and offers ideas for activities parents can do at home to strengthen their children's writing and reading skills. In addition, an outline of how children acquire language and auditory and visual links to literacy is included. Another key topic discussed is the link between American Sign Language and English literacy.

Subject Category: Hearing.

Descriptors: Reading Comprehension. Language Learning. Writing. Communication Skills. American Sign Language. Deaf Children. Hard-of-Hearing. Early Childhood Education. Parent Resource.

257. ***Advances in Mammalian Hair Cell Generation Reported.***

Author(s): The Hearing Review.

Source: The Hearing Review. News. 2003;10;7:12.

Availability: Available from The Hearing Review.

Language: English.

Abstract: This news item reports on early research data on possible treatments for hearing loss and balance disorders involving the regeneration of new hair cells in the inner ear. Simultaneous reports came from GenVec, Inc., a biopharmaceutical company, and the University of Michigan (reported in the June 2003 Journal of Neuroscience.) The GenVec technology is being tested by otology investigators for possible applications to treat diseases of the inner ear. GenVec's research was supported by a grant from NIDCD. Details can be found on the NIDCD Web site at www.nidcd.nih.gov.

Subject Category: Hearing.

Descriptors: Hearing Disorder Treatment. Deafness. Hearing Disorder. Hearing Loss Treatment. Hearing Loss.

258. **Music and Hearing Loss in Schools.**

Author(s): The Mainstream Center, C. S. f. t. D. C. f. O. E.
Source: The Mainstream News. 23(4). November/December 2003.
Availability: Available from The Mainstream Center. CLARKE-School for the Deaf. 48 Round Hill Road, Northampton, MA 01060-2124. Voice: (413) 582-1121. Fax: (413) 586-6645. E-mail: mainstream@clarkeschool.org. Web site: <http://www.clarkeschool.org>. PRICE: \$3 per copy for back issues; Subscriptions: \$25 for individuals and \$75 for schools (8 copies per issue).

Language: English.

Abstract: In this article the author discusses ways that music can be enjoyed by students with hearing problems, or even those who are deaf. The author states that most students with hearing loss are able to receive music, either through their hearing, through feeling, or both. The article details ways that educators can introduce music education to deaf children.

Subject Category: Hearing.

Descriptors: Music Education. Deaf Children. Hard-of-Hearing Students. Hearing Loss. Special Education. Teacher Education. Music Appreciation.

259. **Getting Started.**

Author(s): The Mainstream Center, C. S. f. t. D. C. f. O. E.
Source: CLARKE Mainstream News. Northampton, MA. 23(1). August 2003.
Availability: Available from The Mainstream Center. CLARKE-School for the Deaf. 48 Round Hill Road, Northampton, MA 01060-2124. Voice: (413) 582-1121. Fax: (413) 586-6645. E-mail: mainstream@clarkeschool.org. Web site: <http://www.clarkeschool.org>. PRICE: \$3 per copy for back issues; Subscriptions: \$25 for individuals and \$75 for schools (8 copies per issue).

Language: English.

Abstract: Even though a student with hearing loss may appear to be like his peers in many ways, he has special auditory needs, without which he would be unable to function to his fullest potential. This article discusses teachers' role and responsibilities to make classrooms hearing-friendly for a student with hearing loss.

Subject Category: Hearing.

Descriptors: Students With Hearing Loss. FM Systems. Teacher Resource. Hearing Technology. Audiology. Communication Devices. Special Needs Children.

260. **Receiving A New Student: FM Considerations.**

Author(s): The Mainstream Center, C. S. f. t. D. C. f. O. E.
Source: CLARKE Mainstream News. Northampton, MA. 23(1). August 2003.
Availability: Available from The Mainstream Center. CLARKE-School for the Deaf. 48 Round Hill Road, Northampton, MA 01060-2124. Voice: (413) 582-1121. Fax: (413) 586-6645. E-mail: mainstream@clarkeschool.org. Web site: <http://www.clarkeschool.org>. PRICE: \$3 per copy for back issues; Subscriptions: \$25 for individuals and \$75 for schools (8 copies per issue).

Language: English.

Abstract: Choosing an FM system for new students with hearing loss that correctly meets students' audiological needs.

Subject Category: Hearing.

Descriptors: Students With Hearing Loss. FM Systems. Teacher Resource. Hearing Technology. Audiology. Communication Devices. Special Needs Children.

261. **Student Participation in Education Planning.**

Author(s): The Mainstream Center, C. S. f. t. D. C. f. O. E.
Source: CLARKE Mainstream News. Northampton, MA. 23(1). April 2003.
Availability: Available from The Mainstream Center. CLARKE-School for the Deaf. 48 Round Hill Road, Northampton, MA 01060-2124. Voice: (413) 582-1121. Fax: (413) 586-6645. E-mail: mainstream@clarkeschool.org. Web site: <http://www.clarkeschool.org>. PRICE: \$3 per copy for back issues; Subscriptions: \$25 for individuals

and \$75 for schools (8 copies per issue).

Language: English.

Abstract: The entire issue of this newsletter is dedicated to the IEP processes and a student's role in the process-from elementary to high school.

Subject Category: Hearing.

Descriptors: Students With Hearing Loss. Teacher Resource. IEP Meeting. IEP Process. Special Needs Children.

262. **Living With Hearing Loss: Communication Rules, Revised Edition.**

Author(s): Trychin, S.

Source: The Living With Hearing Loss Program Series. Erie, PA. 2003. 65p.

Availability: Available from Sam Trychin, Ph.D., 212 Cambridge Road, Erie, PA 16511. (814) 897-1194. E-mail: samtrychin@adelphia.net. Web site: www.trychin.com. PRICE: \$23; book and videotape (open captioned) set:\$53, shipping and handling included.

Language: English.

Abstract: This book contains detailed information about communication problems frequently reported by people who are hard of hearing and their families. It contains information about the causes of these problems and strategies and tactics for preventing and reducing these problems. The book has been rewritten to be used either by itself or with the Communication Rules videotape. This book and videotape focus on the what to do aspect of communication.

Subject Category: Hearing.

Descriptors: Deafness. Hearing Disorder. Hearing Loss. Hard-of-Hearing. Communication. Family Guide. Patient Resource.

263. **Living With Hearing Loss: At School.**

Author(s): Trychin, S.

Source: The Living With Hearing Loss Program Series. Erie, PA. May 2002. 38p.

Availability: Available from Sam Trychin, Ph.D., 212 Cambridge Road, Erie, PA 16511. (814) 897-1194. E-mail: samtrychin@adelphia.net. Web site: www.trychin.com. PRICE: \$17, shipping and handling included.

Language: English.

Abstract: The content of this book covers the types of problems encountered in school situations by students who are hard of hearing. The book also addresses the academic, personal, and social risks for these students when their hearing loss is not properly accommodated. The book is focused on strategies and tactics found helpful in preventing and reducing these problems.

Subject Category: Hearing.

Descriptors: Hearing Loss. Hard-of-Hearing Children. Teacher Resource.

264. **Relaxation Training: Deep Muscle Relaxation.**

Author(s): Trychin, S.

Source: The Living With Hearing Loss Program Series. Erie, PA. 2003. Open Captioned Video.

Availability: Available from Sam Trychin, Ph.D., 212 Cambridge Road, Erie, PA 16511. (814) 897-1194. E-mail: samtrychin@adelphia.net. Web site: www.trychin.com. PRICE: \$35, shipping and handling included.

Abstract: The progressive relaxation procedure illustrated on this videotape produce some of the best results in terms of reducing muscle tension. It is helpful in eliminating or reducing tension headaches and neck and upper back pain. Once the procedures have been thoroughly learned and practiced, it is possible to achieve immediate relaxation through brief or mini-relaxation exercises lasting only a minute or two. In this way they can be practiced with good results in difficult communication situations.

Subject Category: Hearing.

Descriptors: Deafness. Hearing Disorder. Hearing Loss. Hard-of-Hearing. Relaxation Therapy. Patient Resource.

265. **Did I Do That?**

Author(s): Trychin, S.

Source: The Living With Hearing Loss Program Series. Erie, PA. 2003. Open Captioned/Sign Language Interpreted Video.

Availability: Available from Sam Trychin, Ph.D., 212 Cambridge Road, Erie, PA 16511. (814) 897-1194. E-mail: samtrychin@adelphia.net. Web site: www.trychin.com. PRICE: \$40, shipping and handling included.

Abstract: This videotape presents 30 scenes in which people are interacting and someone has a hearing loss. Each scene illustrates the kinds of things we do or say that affects others positively (increases their cooperation) or negatively (decreases their cooperation). Following each scene viewers are instructed to identify what was said or done that had a positive or negative result, thereby increasing their awareness of the effects of their behavior on other people. Role-playing corrected versions of the faulty scenarios provides viewers with practice in effective communication behavior.

Subject Category: Hearing.

Descriptors: Deafness. Hearing Disorder. Hearing Loss. Sign Language. Hard-of-Hearing. Patient Resource. Family Resource.

266. *Mini Relaxation.*

Author(s): Trychin, S.

Source: The Living With Hearing Loss Program Series. Erie, PA. 2003. Open Captioned/Sign Language Interpreted Video.

Availability: Available from Sam Trychin, Ph.D., 212 Cambridge Road, Erie, PA 16511. (814) 897-1194. E-mail: samtrychin@adelphia.net. Web site: www.trychin.com. PRICE: \$35, shipping and handling included.

Abstract: Tactics for preventing or reducing harmful stress reactions for people who are hard-of-hearing and for those who are deaf. This relaxation training program is intended to help individuals with hearing loss to have better control of their body processes. Sign Language Interpreted Video.

Subject Category: Hearing.

Descriptors: Deafness. Hearing Disorder. Hearing Loss. Sign Language. Hard-of-Hearing. Relaxation Therapy. Patient Resource.

267. *Getting Along.*

Author(s): Trychin, S.

Source: The Living With Hearing Loss Program Series. Erie, PA. 2003. Open Captioned Video.

Availability: Available from Sam Trychin, Ph.D., 212 Cambridge Road, Erie, PA 16511. (814) 897-1194. E-mail: samtrychin@adelphia.net. Web site: www.trychin.com. PRICE: \$40; book and open captioned videotape set:\$53, shipping and handling included.

Abstract: This videotape shows a variety of scenes in which people are attempting to negotiate issues related to hearing loss. Some scenes illustrate the negative results of faulty efforts to get someone to do something differently. Other scenes illustrate how to use more effective negotiation strategies and tactics. Viewers are encouraged to identify effective and ineffective attempts to persuade someone to change his or her behavior that are portrayed on the videotape and to role-play corrected versions of those that are faulty.

Subject Category: Hearing.

Descriptors: Deafness. Hearing Disorder. Hearing Loss. Hard-of-Hearing. Communication. Family Guide. Patient Resource.

268. *Relaxation Training: Autogenic Procedures.*

Author(s): Trychin, S.

Source: The Living With Hearing Loss Program Series. Erie, PA. 2003. Open Captioned Video.

Availability: Available from Sam Trychin, Ph.D., 212 Cambridge Road, Erie, PA 16511. (814) 897-1194. E-mail: samtrychin@adelphia.net. Web site: www.trychin.com. PRICE: \$35, shipping and handling included.

Abstract: The autogenic procedures demonstrated on this videotape involve the repetition of a set of verbal phrases that induce a state of relaxation in the body. Autogenic relaxation procedures are especially beneficial for people who have physical conditions that prevent them from contracting and relaxing specific muscle groups. They are also useful for people who have Meniere's disease and in whom muscle relaxation may induce an attack. Autogenic phrases, once learned and thoroughly practiced, can be used virtually anywhere and anytime, and the practice also does not attract unwanted attention.

Subject Category: Hearing.

Descriptors: Deafness. Hearing Disorder. Hearing Loss. Sign Language. Hard-of-Hearing. Relaxation Therapy. Patient Resource.

269. *Problem Solving In Families: Suggestions and Procedures for Negotiating Behavior Changes Related to Hearing Loss, Revised Edition.*

Author(s): Trychin, S.

Source: The Living With Hearing Loss Program Series. Erie, PA. 2003. 38p.

Availability: Available from Sam Trychin, Ph.D., 212 Cambridge Road, Erie, PA 16511. (814) 897-1194. E-mail: samtrychin@adelphia.net. Web site: www.trychin.com. PRICE: \$23; book and open captioned videotape set:\$53, shipping and handling included.

Abstract: The problem solving methods offered in this book and a companion videotape, Getting Along, is intended to help promote harmony in families and other social units. The author maintains that the use of effective problem solving techniques can help to achieve satisfaction for all sides involved in a conflict. The various parts of the problem-solving process presented in this monograph can be practiced by individuals working alone or with a friend or family member, or by groups. These procedures have been developed and tested at the Oregon Social Learning Center by Marion Forgatch, Ph.D. and others.

Subject Category: Hearing.

Descriptors: Deafness. Hearing Disorder. Hearing Loss. Hard-of-Hearing. Communication. Family Guide. Patient Resource.

270. *Living With Hearing Loss: Communication Rules.*

Author(s): Trychin, S.

Source: The Living With Hearing Loss Program Series. Erie, PA. 2003. Open Captioned Video.

Availability: Available from Sam Trychin, Ph.D., 212 Cambridge Road, Erie, PA 16511. (814) 897-1194. E-mail: samtrychin@adelphia.net. Web site: www.trychin.com. PRICE: \$40; book and open captioned videotape set:\$53, shipping and handling included.

Abstract: This videotape contains 20 scenes in which people are interacting and someone has a hearing loss. Each scene is presented in two versions-the 'wrong' way depicting communication behavior errors and the 'right' way depicting corrections of the communication behavior errors. Viewers get practice in identifying both faulty and more helpful communication behaviors. It is recommended that viewers also practice (role-play) corrected versions of the 'wrong' way skits prior to viewing the 'right' way versions.

Subject Category: Hearing.

Descriptors: Deafness. Hearing Disorder. Hearing Loss. Hard-of-Hearing. Communication. Family Guide. Patient Resource.

271. *Breathing and Muscle Relaxation Procedures (Sign Language Interpreted).*

Author(s): Trychin, S.

Source: The Living With Hearing Loss Program Series. Erie, PA. 2003. Open Captioned/Sign Language Interpreted Video.

Availability: Available from Sam Trychin, Ph.D., 212 Cambridge Road, Erie, PA 16511. (814) 897-1194. E-mail: samtrychin@adelphia.net. Web site: www.trychin.com. PRICE: \$35, shipping and handling included.

Abstract: The progressive relaxation procedure illustrated on this videotape produce some of the best results in terms of reducing muscle tension. It is helpful in eliminating or reducing tension headaches and neck and upper back pain. Once the procedures have been thoroughly learned and practiced, it is possible to achieve immediate relaxation through brief or mini-relaxation exercises lasting only a minute or two. In this way they can be practiced with good results in difficult communication situations.

Subject Category: Hearing.

Descriptors: Deafness. Hearing Disorder. Hearing Loss. Sign Language. Hard-of-Hearing. Relaxation Therapy. Patient Resource.

272. *Relaxation Training: Breathing Procedures.*

Author(s): Trychin, S.

Source: The Living With Hearing Loss Program Series. Erie, PA. 2003. Open Captioned Video.

Availability: Available from Sam Trychin, Ph.D., 212 Cambridge Road, Erie, PA 16511. (814) 897-1194. E-mail: samtrychin@adelphia.net. Web site: www.trychin.com. PRICE: \$35, shipping and handling included.

Abstract: The deep breathing procedures illustrated on this videotape are known to be an effective antidote to stress reactions. The author

demonstrates the procedure, and the viewer practices while watching the video. One benefit of the deep breathing procedure is that it can be used anywhere and anytime and does not require involving any special equipment. Another benefit is that it can be practiced unobtrusively without attracting attention.

Subject Category: Hearing.

Descriptors: Deafness. Hearing Disorder. Hearing Loss. Sign Language. Hard-of-Hearing. Relaxation Therapy. Patient Resource.

273. **Relaxation Training: Autogenic Procedures (Sign Language).**

Author(s): Trychin, S.

Source: The Living With Hearing Loss Program Series. Erie, PA. 2003. Open Captioned/Sign Language Interpreted Video.

Availability: Available from Sam Trychin, Ph.D., 212 Cambridge Road, Erie, PA 16511. (814) 897-1194. E-mail: samtrychin@adelphia.net. Web site: www.trychin.com. PRICE: \$35, shipping and handling included.

Abstract: The autogenic procedures demonstrated on this videotape involve the repetition of a set of verbal phrases that induce a state of relaxation in the body. Autogenic relaxation procedures are especially beneficial for people who have physical conditions that prevent them from contracting and relaxing specific muscle groups. They are also useful for people who have Meniere's disease and in whom muscle relaxation may induce an attack. Autogenic phrases, once learned and thoroughly practiced, can be used virtually anywhere and anytime, and the practice also does not attract unwanted attention.

Subject Category: Hearing.

Descriptors: Deafness. Hearing Disorder. Hearing Loss. Sign Language. Hard-of-Hearing. Relaxation Therapy. Patient Resource.

274. **Opening Plugged Tympanostomy Tubes: Effect of Tube Composition.**

Author(s): Tsao, B., Stevens, G. R., Antonelli, P. J.

Source: Otolaryngology-Head and Neck Surgery. June 2003. 128:870-4.

Availability: Reprint requests: Patrick J. Antonelli, MD. Department of Otolaryngology-Head and Neck Surgery, University of Florida, Box 100264, 1600 SW Archer Rd., Gainesville, FL 32610-0264. E-mail: antonpj@ent.ufl.edu.

Language: English.

Abstract: The authors report their findings from a study designed to determine if tympanostomy tube (TT) composition impacts the rate of clearing mucoid plugs. The study was conducted using an ex vivo model.

Subject Category: Hearing.

Descriptors: Research Study. Ear Disorders Treatment. Ear Disorders. Hearing Tube.

275. **Acyclovir in the Treatment of Idiopathic Sudden Sensorineural Hearing Loss.**

Author(s): Uri, N., et al.

Source: Otolaryngology-Head and Neck Surgery. 128(4): 544-9. April, 2003.

Availability: Available from American Academy of Otolaryngology-Head and Neck Surgery. One Prince St., Alexandria, VA 22314-3357. (703) 836-4444. TTY: (703) 519-1585. Web site: www.entnet.org.

Language: English.

Abstract: In this article the authors report on a study designed to discover whether patients with Idiopathic sudden sensorineural hearing loss (ISSNHL) would benefit from early treatment with acyclovir and hydrocortisone compared with patients treated by hydrocortisone alone. Sixty patients with ISSNHL were treated in a prospective controlled randomized manner. Patients were seen within seven days of onset and were divided randomly into two groups-the study group patients were treated with acyclovir and hydrocortisone, whereas those in the control group were treated with hydrocortisone alone. Having compared the two groups before and after treatment-regarding SRT, mean hearing level at each frequency, speech reception threshold improvement, gender, age, tinnitus, and balance complaints-the results showed an overall improvement of 78 percent. The authors conclude that there probably is no benefit from the addition of acyclovir in the treatment of ISSNHL.

Subject Category: Hearing.

Descriptors: Sudden Sensorineural Hearing Loss. Hearing Impairment. Ear Disorder Treatment. Hearing Research. Sudden Deafness.

276. **See That Sound! Visual Phonics Helps Deaf and Hard-of-Hearing Students Develop Reading Skills.**

Author(s): Waddy-Smith, B., Wilson, V.

Source: Odyssey. Washington DC. Fall 2003. 5(1).

Availability: Available from the Laurent Clerc National Deaf Education Center, Gallaudet University, 800 Florida Avenue, NE, Washington, DC 20002-3695. Voice/TTY: (202) 651-5340. Toll-free: (800) 526-9105. Fax: (202) 651-5708. Web site: <http://clerccenter.gallaudet.edu>. PRICE:

Available for download online at

<http://clerccenter.gallaudet.edu/Odyssey/Fall2003/index.html>.

Language: English.

Abstract: Many students, both deaf and hearing, learn to read despite lack of access to all possibilities of literacy training. However, there are some students that benefit significantly from phonics as they develop reading skills. See-the-Sound Visual Phonics is a system designed to meet the unique needs and challenges of deaf students.

Subject Category: Hearing. Language.

Descriptors: Cued Speech. American Sign Language. Deaf Communication. Deaf Children. Children With Hearing Loss. Oral-Deaf Communication. Educator Resource. Parent Resource. Language Skills Development.

277. **Insurance Coverage of Post-Operative Services for Adult Cochlear Implant Users.**

Author(s): Walsh, T., Wyatt, R.

Source: Washington, DC. Volta Voices. 2003;10:3:32.

Availability: Available from Alexander Graham Bell Association for the Deaf and Hard of Hearing, 3417 Volta Place, NW, Washington, DC 20007. 202-337-5220; TTY: 202-337-5221; FAX: 202-337-8314. Web site: www.agbell.org.

Language: English.

Abstract: The authors of this article discusses insurance coverage and financing of cochlear implantation and post operative care. The specific procedure codes in effect are included for the benefit of healthcare providers.

Subject Category: Hearing.

Descriptors: Cochlear Implants. Financing. Health Insurance Coverage. Assistive Listening Devices.

278. **The Diagnostic and Treatment Dilemma of Sudden Sensorineural Hearing Loss.**

Author(s): Wazen, J. J., Ghossaini, S. N.

Source: The Hearing Review. December 2003. 10(13):38+.

Availability: Available from CurAnt Communications Inc., Publisher. 6701 Center Drive West, Suite 450, Los Angeles, CA 90045-1535. (310) 642-4400. Web site: www.hearingreview.com.

Language: English.

Abstract: One of the keys to assisting the patient with Sudden Sensorineural Hearing Loss (SSNHL) is to understand the diagnostic and treatment pathways for the patient. In this article the authors look at the evaluation, management, natural history, and rehabilitation of the SSNHL patient.

Subject Category: Hearing.

Descriptors: Sudden Sensorineural Hearing Loss. Ear Disorder. Hearing Loss. Deafness. Hearing Loss Therapy. Professional Resource.

279. **Providing an Educational Hearing Conservation Program for Kids.**

Author(s): White, S.

Source: The Hearing Review. 10(4):24-26,63. September 2003.

Availability: Available from CurAnt Communications Inc., Publisher. 6701 Center Drive West, Suite 450, Los Angeles, CA 90045-1535. (310) 642-4400. (310) 641-0831 (Fax). Web site: www.hearingreview.com.

Language: English.

Abstract: Studies show that hearing conservation practices and knowledge are increased in relation to participation in a hearing conservation program. The author of this article states that the need to educate children on the dangers of high noise levels is urgent and can be done using existing resources. In this text the author presents readers with a tutorial on creating a hearing conservation educational program for schoolchildren using existing resources.

Subject Category: Hearing.

Descriptors: Noise Levels. Noise Induced Hearing Loss. Educational Resource. Teacher Resource. Deafness Prevention. Preventing Hearing Loss. Children and Hearing Loss.

280. **Observations of Noise Exposure Through the Use of Headphones by Radio Announcers.**

Author(s): Williams, W., Presbury, J.

Source: Noise & Health. Apr-Jun 2003. 5;19:69-73.

Availability: Available from National Acoustic Laboratories. 126 Greville Street, Chatswood, NSW 2067, Australia.

Language: English.

Abstract: The authors of this article report on the findings of a study that examines the potential risk of hearing loss by commercial radio announcers, through the regular use of headphones. The study subjects were a cross-section of professional radio announcers that included eight males and four females, involved in talk-back, interviews (live, pre-recorded and telephone), news, music (from classical to heavy rock), and commentary (live and pre-recorded.) References included.

Subject Category: Hearing.

Descriptors: Noise Exposure. Hearing Disorder. Deafness. Noise-Induced Hearing Loss.

281. **The Role of Music Intensity in Aerobics: Implications for Hearing Conservation.**

Author(s): Wilson, W. L.

Source: American Academy of Audiology. Reston, VA. 14(1):29-38. 2003.

Availability: Available from the American Academy of Audiology. Publications, 11730 Plaza America Drive, Suite 300, Reston, VA 20190. Voice: 800-AAA-2336; 703-790-8466. Fax: 703-790-8631. Web site: <http://www.audiology.org/>.

Language: English.

Abstract: According to this research report, aerobics becomes an at-risk activity for noise-induced hearing loss (NIHL) when high intensity music is played in the classes. The authors state also that attempts to reduce this risk through hearing conservation have generally failed, possibly because participants find the high intensity music enjoyable and motivating, and therefore perceive the music as not 'too loud'. The article details the results of a study that investigate perception of noise intensity, and their implications on hearing conservation in aerobics. In the study, the median noise (music) intensities in four high impact aerobics classes were fixed at 80, 85, 89 and 97 dB(A), rated as very low, low, at and high-risk for temporary threshold shift (TTS) and NIHL respectively. Participant (236) responses were measured via a post-class questionnaire. These results, and their implications on hearing conservation in aerobics, were discussed.

Subject Category: Hearing.

Descriptors: Noise-Induced Hearing Loss. Recreational Noise-Induced Hearing Loss. Hearing Conservation Research. Audiology.

282. **Multi-Microphone and Adaptive Strategies.**

Author(s): Wouters, J.

Source: The Hearing Journal. 56(11): 48-51. November 2003.

Availability: Available from Lippincott Williams and Wilkins. Customer Service, P.O. 1175, Lowell, MA 01853. (978) 262-9611. Fax: (978) 262-9617. Website: <http://www.thehearingjournal.com>.

Language: English.

Abstract: The author addresses the future of speech-in-noise enhancement approaches in hearing aids with answers to three main points: can better performance be obtained through more signal processing?; is better performance possible with more than two microphones?; and is there enough power in current microphone systems' directionality? The author concludes that the current complexity for signal processing to improve speech understanding in the presence of multiple moving or fixed noise sources will be less of an issue in the future.

Subject Category: Hearing.

Descriptors: Hearing Aid. Directional Microphone Hearing Aids. Directional Technology. Hearing Research. Hearing Aid Assistive Devices. Hearing Technology. Speech Recognition Synthesis.

283. **What Is Remote Realtime Captioning?**

Author(s): Wyant, J.

Source: Volta Voices. May/June 2003. 10(3). p. 18-19.

Availability: AG Bell. 3417 Volta Place, NW, Washington, DC 20007. Voice: (202) 337-5220. TTY (202) 337-5221. Fax: (202) 337-8314. E-mail: Publications@agbell.org. Web site: www.agbell.org.

Language: English.

Abstract: Remote Realtime Captioning (RTC) is a captioning service in which a caption provider offers live captioning from a remote location. This article describes the technology and how it might be used in a classroom, conference, or workplace. The author explores how RTC differs from standard captioning services in which the captioner is in the room, including equipment and room set-up, cost, availability, mobility, and other considerations. Actual user experiences, both positive and negative, are also described.

Subject Category: Hearing.

Descriptors: Captioning. Closed Captioning. Open Captioning. Television. Interpreter. Translator.

284. **Sudden Sensorineural Hearing Loss.**

Author(s): Wynne, M. K.

Source: The Hearing Journal. July 2003. 56(7). p. 10-15.

Availability: Available from Lippincott Williams & Wilkins. 345 Hudson Street, 16th Floor, New York, NY 10014. (212) 886-1244. Fax: (212) 886-1209. E-mail: hj@lww.com. Web site: www.thehearingjournal.com.

Language: English.

Abstract: Sudden sensorineural hearing loss affects approximately 4,000 people each year, with the highest incidence occurring in people between 50 and 60 years of age. Through a question-and-answer format, this article explains the characteristics, possible causes, diagnosis, prognosis, and treatment of sudden sensorineural hearing loss.

Subject Category: Hearing.

Descriptors: Sudden Sensorineural Hearing Loss. SSHL. Hearing Loss. Older Adults. Elderly. Seniors. Sudden Deafness. Sudden Hearing Loss. Hearing Impaired Persons. Hard of Hearing Persons. Deaf Persons.

285. **Screening and Management of Adult Hearing Loss in Primary Care.**

Author(s): Yueh, B., Shapiro, N., MacLean, C. H., Shekelle, P. G.

Source: Journal of the American Medical Association (JAMA). April 16, 2003. 289(15). p. 1976-1985.

Availability: Available from Journal of the American Medical Association. P.O. Box 10946, Chicago, IL 60610-0946. (312) 670-7827. Toll-free: (800) 262-2350. E-mail: ama-subs@ama-assn.org. Web site: <http://jama.ama-assn.org/>. PRICE: \$12 for single copy of online version (PDF or full text).

Language: English.

Abstract: Hearing loss is the third most prevalent chronic condition in older adults. Yet most older adults are not evaluated and treated for hearing loss. After reviewing 1,595 articles for the most clinically relevant information, the authors of this scientific review contend that fairly simple, yet accurate, methods are available for the screening of hearing loss in the primary care setting. These include a self-administered, 10-question survey called the Hearing Handicap Inventory for the Elderly-Screening, and a physiologic test that employs a device called the audioscope, a handheld combination otoscope and audiometer. Primary care physicians can also be instrumental in the treatment of several hearing problems, including impacted cerumen (earwax), chronic otitis media, sudden sensorineural hearing loss, and hearing loss caused by ototoxicity.

Subject Category: Hearing.

Descriptors: Hearing Screening. Late Deafened Adults. Older Adults. Elderly. Seniors. Presbycusis. Age Related Hearing Loss. Primary Care. Hearing Loss. Sensorineural Hearing Loss. Conductive Hearing Loss. Sudden Deafness. Diagnostic Tests. Audiogram. Audiometry. Hearing Tests. Hearing Evaluation. Clinical Research.

286. **Diagnosis and Treatment of Sudden-Onset Sensorineural Hearing Loss: A Study of 51 Patients.**

Author(s): Zadeh, M. H., Stroper, I. S., Spitzer, J. B.

Source: Otolaryngology-Head and Neck Surgery. 2003;128:92-8.

Availability: Send requests to: Ian S. Stroper, MD. Director of Neurotology, Columbia University College of Physicians and Surgeons, Suite 511, 161 Fort Washington Ave., New York, NY 10032. E-mail: iss9@columbia.edu.

Language: English.

Abstract: The authors of this article discuss a research study conducted to determine the efficacy of steroid and antiviral therapy in the management of idiopathic sudden sensorineural hearing loss (SSNHL.) Fifty-one patients on the same treatment protocol were evaluated for the study. The reported significance of the study findings is that antiviral therapy and increased length of steroid treatment may play a role in improved recovery rates in patients with sudden-onset sensorineural hearing loss.

Subject Category: Hearing.

Descriptors: Hearing Loss. Sudden-Onset Sensorineural Hearing Loss. Deafness. Deafness Research. Hearing Loss Intervention.

287. *Ear and Head Noises: Tinnitus.*

Source: San Bruno, CA: Krames Communications. 2004. 2 p.

Availability: Available from Krames Communications. Order Department, 100 Grundy Lane, San Bruno, CA 94066-3030. (800) 333-3032; Fax: (415) 244-4512. PRICE: Single copy free; \$0.40 each for multiple copies; bulk discounts available. Order Number 1103.

Language: EN.

Abstract: This patient education brochure discusses the problem of tinnitus (ear and head noises) in adults. After a description of the problem, the brochure discusses the anatomy of the ear and the etiology of tinnitus; the importance of a thorough patient history and examination; diagnostic tests conducted to confirm tinnitus, including hearing tests, balance tests, nerve conduction tests, and computed tomography (CT scan) or magnetic resonance imaging (MRI); and treatment options, including the use of masking. The brochure concludes that the key to successful treatment of tinnitus is getting the most accurate diagnosis possible.

Subject Category: Hearing.

Descriptors: Tinnitus. Patient Education. Anatomy. Therapy. Diagnosis. Diagnostic Tests. Etiology.

288. *Hearing Aids: A Guide to Selection, Wear, and Care.*

Source: San Bruno, CA: Staywell Company. 2004. 16 p.

Availability: Available from Staywell Company. Order Department, 100 Grundy Lane, San Bruno, CA 94066-3030. (800) 333-3032. PRICE: Single copy free; \$1.35 each for multiple copies; bulk discounts available. Order Number 1600.

Language: English.

Abstract: This patient education brochure provides basic information about hearing aids. Topics covered include the signs of hearing loss; reasons for hearing loss; the limitations of hearing aids; the physiology of normal hearing; the types of hearing loss; how a hearing aid helps a person hear; the health care providers involved in hearing evaluation and hearing aid dispensing; audiograms; the types of hearing aids; hearing aid fitting; caring of the hearing aid; adjusting to the use of a hearing aid; aural rehabilitation, including speechreading training; and assistive listening devices. The brochure concludes with a list of resource organizations that can provide additional information on hearing loss and hearing aids. The brochure is illustrated with numerous full-color line drawings.

Subject Category: Hearing.

Descriptors: Hearing Aids. Patient Education. Consumer Information. Hearing Aid Dispensing. Care and Maintenance. Patient Care Team. Audiogram. Diagnostic Tests. Physiology. Hearing. Assistive Listening Devices. Aural Rehabilitation.

289. *Catalog: Resources Serving the Deaf and Hard-of-Hearing Communities 2004.*

Source: Hillsboro, OR: Butte Publications, Inc. 2005. [31p.].

Availability: Available from Butte Publications, Inc. P.O. Box 1328, Hillsboro, OR 97123-1328. (800) 330-9791. Fax: (503) 693-9526. PRICE: Single copy free.

Language: English.

Abstract: This annually published catalog provides materials for members of the Deaf community and people who work with them such as parents, educators, interpreters, counselors, students, and teachers. The catalog includes interpreter resources; parent resources; reading resources; vocabulary and language building materials; dictionaries; materials on time, money, and math; science materials; Macintosh software; tests; resources for working with families; speechreading materials; resource books; and school-to-work transition materials. Each item is described, illustrated with a black-and-white photograph, and

priced. An order form is included.

Subject Category: Hearing. Language.

Descriptors: Hearing Impaired Persons. Deaf Persons. Education of the Hearing Impaired. Instructional Materials. Interpreters. Family. Parent Education. Speech Language Therapy. Vocabulary. Language Development. Reading Skills. Assessment Instrument. Communication. Information Resources.

290. *Acoustic Neuroma.*

Source: New Fairfield, CT: National Organization for Rare Disorders, Inc. (NORD). 2004. 8 p.

Availability: Available from National Organization for Rare Disorders, Inc. (NORD). NORD Literature, P.O. Box 1968, Danbury, CT 06813-1968. (203) 744-0100. Fax: (203) 798-2291. E-mail: orphan@rarediseases.org. Website: www.rarediseases.org. PRICE: \$3.75 per copy; add \$1 for delivery outside of US. Item Number 45.

Language: English.

Abstract: This fact sheet reprints information on acoustic neuroma from the National Organization for Rare Disorders (NORD) database. Acoustic neuroma is a benign tumor of the 8th cranial nerve. This nerve lies within the auditory canal and is associated with hearing and sending balance information from the inner ear to the brain. Acoustic neuroma can therefore cause hearing and balance disorders. The fact sheet presents information about symptoms, causes, affected population, related disorders, and standard and investigational therapies for acoustic neuroma. It includes a resource section listing organizations that can provide information about acoustic neuroma. 5 references.

Subject Category: Hearing. Balance.

Descriptors: Acoustic Neuroma. Patient Education. Symptoms. Etiology. Incidence. Therapy. Rare Diseases. Neoplasms. Surgical Techniques. Surgery.

291. *AbleNet Catalog.*

Author(s): Able Net Inc.

Source: Roseville, MN. Able Net, Inc. 47p.

Availability: Available from Able Net, Inc. 2808 Fairview Avenue N., Roseville, MN 55113-1308. 1-800-322-0956; Fax: 651-294-2222. E-mail: customerservice@ablenetinc.com. Website: http://www.ablenetinc.com.

Language: EN.

Abstract: This catalog offers services and products to support students and teachers including supplemental and technology curricular solutions to match the changing background and needs of schools. The catalog introduces a new curricular program 'MEville to WEville'. The first program, 'The Star Reporter', is still available.

Subject Category: Hearing.

Descriptors: Disability Education Programs. Special Education. Teacher Resources. Communication Tools. Disability Access Tools. Disability Participation Tools. Disability Learning Tools.

292. *Telephone Use and Understanding in Patients With Cochlear Implants.*

Author(s): Adams, J. S., Hasenstab, M. S., Pippin, G. W., Sismanis, A.

Source: ENT: Ear, Nose and Throat Journal. 83(2): 96-103. February 2004.

Availability: Available from Medquest Communications LLC, 3800 Lakeside Avenue, Suite 201, Cleveland, OH 44114. (216) 391-9100. E-mail: circulation@entjournal.com. Web site: http://www.entjournal.com/.

Language: English.

Abstract: The authors report the findings of a mail survey of patients who had received cochlear implants to ascertain their ability to communicate on the telephone. Of eighty-six patients who responded, thirty-eight (44 percent) did not use the telephone at all, thirty-six (42 percent) were able to use the telephone without assistance (independent users), and twelve (14 percent) were able to use the telephone with some type of assistance. Factors associated with independent use were male sex, older age at the onset of hearing loss, longer duration of hearing loss, successful use of hearing aids prior to cochlear implantation, implantation with a MED-EL Combi 40+ device, and a shorter duration of implant use. The authors findings concluded that, regardless of the circumstances, many cochlear implant patients can use the telephone during daily activity without the need for assistive devices or relay services.

Subject Category: Hearing.

Descriptors: Cochlear Implants. Deafness. Hearing Loss. Hearing Assistive Devices.

293. ***Cochlear Implants Enhance Quality of Life for Elderly.***

Author(s): ADVANCE for Speech-Language Pathologists and Audiologists.
Source: ADVANCE for Speech-Language Pathologists and Audiologists. 14(45):31. November 2004.
Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. 610-278-1400. E-mail: advance@merion.com. Website: www.advancweb.com.
Language: English.
Abstract: This article discusses a recent study conducted by German researchers that examined cochlear implants in 26 seniors aged 65 to 80 with emphasis on preoperative findings, perioperative complications, and postoperative speech perception. Among the final conclusions the researchers report no significant differences in similarly resting results when they compared their findings with younger recipients, ages 18-50.
Subject Category: Hearing.
Descriptors: Treating Senior Hearing Loss. Cochlear Implantation. Hearing Research. Hearing Loss Testing. Deafness.

294. ***Hearing Sensitivity: Hormone That Helps Fish To Mate May Affect Hearing In Women.***

Author(s): ADVANCE for Speech-Language Pathologists and Audiologists.
Source: ADVANCE for Speech-Language Pathologists and Audiologists. 14(41):20. October 2004.
Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. 610-278-1400. E-mail: advance@merion.com. Website: www.advancweb.com.
Language: EN.
Abstract: Without enough estrogen-like-hormone in their systems, female plainfin midshipman fish turn a deaf ear to the alluring love songs of the males. A similar steroid-sensitive response could underlie changes in the hearing sensitivity of people, according to a group of biologists at Cornell University in Ithaca, New York. The fish study was supported in part by the National Institutes of Health. This article discusses the details of the study and its findings.
Subject Category: Hearing.
Descriptors: Hearing Research. Deafness in Women. Hearing Loss. Hearing Disorder. Hearing Impairment.

295. ***Surgery for Meniere's: A Safe Viable Option for Treating the Disease.***

Author(s): ADVANCE for Speech-Language Pathologists and Audiologists.
Source: ADVANCE for Speech-Language Pathologists and Audiologists. 37(14):26. September 2004.
Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. 610-278-1400. E-mail: advance@merion.com. Website: www.advancweb.com.
Language: EN.
Abstract: This article discusses the findings of a recent study that confirm surgery as a viable option for treating medically refractory Meniere's disease—a disorder characterized by episodic attacks of vertigo with hearing loss, tinnitus and aural fullness.
Subject Category: Hearing. Balance.
Descriptors: Vertigo. Balance Disorder. Meniere's Treatment. Hearing Loss. Tinnitus. Ear Disorder.

296. ***Annual Report Card on Infant Hearing Screening.***

Author(s): ADVANCE for Speech-Language Pathologists and Audiologists.
Source: In: ADVANCE for Speech-Language Pathologists and Audiologists. 14(19):25. May 2004.
Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. 610-278-1400. E-mail: advance@merion.com. Website: <http://www.advancforspanda.com/>.
Language: English.
Abstract: On May 5, 2004 the World Council on Hearing Health (WCHH),

in partnership with the American Academy of Pediatrics (AAP) and the National Center for Hearing Assessment and Management (NCHAM), released the results of its Annual Hearing Healthy Kids State Report Card on Infant Hearing Screenings. The report card cited a 64.8 percent increase in newborn hearing screenings in the last five years. Data released in 1999 indicated that only 25 percent of U.S. newborns were screened for hearing loss that year. This article presents data from the WCHH report.

Subject Category: Hearing.
Descriptors: Infant Hearing Screening. Infant Deafness. Children. Birth Defects. Hard-of-Hearing.

297. ***Left and Right Ears Are Not Created Equal.***

Author(s): ADVANCE for Speech-Language Pathologists and Audiologists.
Source: ADVANCE for Speech-Language Pathologists and Audiologists. 14(50):12. December 2004.
Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. 610-278-1400. E-mail: advance@merion.com. Website: www.advancweb.com.
Language: English.
Abstract: This article summarizes previous and current research studies that indicate auditory processing differences begin in the ear and not from a preferred side of the brain—as previously thought by the scientific community for decades. As stated in the article, the new research could hold profound implications for the rehabilitation of people with hearing loss in one or both ears and help doctors enhance speech and language development in newborns with hearing impairments.
Subject Category: Hearing.
Descriptors: Hearing Research. Deafness. Hearing Loss. Infant Deafness.

298. ***Vitamin E and Hearing Loss: Effective for Sudden Onset.***

Author(s): ADVANCE for Speech-Language Pathologists and Audiologists.
Source: ADVANCE for Speech-Language Pathologists and Audiologists. 14(48):12. November 2004.
Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. 610-278-1400. E-mail: advance@merion.com. Website: www.advancweb.com.
Language: English.
Abstract: According to this article, vitamin E may be effective in restoring hearing after sudden onset hearing loss of unknown origin. This preliminary finding was reported recently by researchers in the Department of Otolaryngology and Head and Neck Surgery, Technion-Israel Institute of Technology in Haifa, Israel. The study was done to determine whether the use of antioxidants in idiopathic sudden hearing loss could improve the outcome of sudden onset hearing loss of unknown origin, based on the suggestion that they might prevent cisplatin-induced ototoxicity, reduce the incidence of deafness after bacterial meningitis, and protect against noise-induced hearing loss. The recovery rate for the study group receiving vitamin E was found to be better than the control group who received other treatments.
Subject Category: Hearing.
Descriptors: Hearing Loss Treatment. Hearing Loss Research. Hearing Loss Therapy. Sudden Onset Hearing Loss. Audiology.

299. ***Sudden Deafness: Investigating Etiology With MRI.***

Author(s): ADVANCE for Speech-Language Pathologists and Audiologists.
Source: ADVANCE for Speech-Language Pathologists and Audiologists. 14(48):9. November 2004.
Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. 610-278-1400. E-mail: advance@merion.com. Website: www.advancweb.com.
Language: English.
Abstract: This article provides details from a recent study conducted on 495 cases of patients with sudden deafness by a team of researchers from the Federal University of Sao Paulo-Paulista Medical School in Brazil. The researchers utilized MRI in a detailed study of the structures of the inner ear, the internal auditory meatus (IAM), and the cerebellopontine angle—the most likely location of an acoustic neuroma. The team presented its findings at the Annual Meeting and Oto Expo of the

American Academy of Otolaryngology-Head and Neck Surgery Foundation, New York City, September 2004.

Subject Category: Hearing.

Descriptors: Hearing Research. Sudden Deafness. Deafness. Audiology.

300. **Research Reports: Surgical Repair of Perforated Eardrum.**

Author(s): ADVANCE for Speech-Language Pathologists and Audiologists.

Source: In: ADVANCE for Speech-Language Pathologists and Audiologists. 14(28):22. July 2004.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. 610-278-1400. E-mail: advance@merion.com. Website: www.advanceweb.com.

Language: English.

Abstract: This research report summarizes past and current research and clinical findings related to tympanoplasties, with a focus on the elderly. Key findings from one recent research study, presented at the Annual Meeting and Oto Expo of the American Academy of Otolaryngology-Head and Neck Surgery Foundation in Orlando FL, show the anatomic and functional result of tympanoplasties decreases after age 60, but the success rate of the graft and audiological response still recommends this procedure as a viable option for the elderly patient. The findings show also a tendency not to operate on patients over age 60.

Subject Category: Hearing.

Descriptors: Ear Injury. Surgery. Audiology. Elderly.

301. **Gene Discovered for CdLS.**

Author(s): ADVANCE for Speech-Language Pathologists and Audiologists.

Source: In: ADVANCE for Speech-Language Pathologists and Audiologists. 14(23):17 June 2004.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. 610-278-1400. E-mail: advance@merion.com. Website: <http://www.advanceforspanda.com/>.

Language: English.

Abstract: Researchers have discovered the gene for Cornelia de Lange syndrome (CdLS), a disease that affects about one in 10,000 children, according to this article. As reported, the finding is expected to lead to a genetic test and subsequent rapid and definitive diagnosis of the syndrome as well as prenatal testing for families who already have a child with the disease. This article provides an overview of the research, findings and long-term goals.

Subject Category: Hearing.

Descriptors: Birth Defects. Children With Disabilities. Genetics. Genetic Testing.

302. **Exercise Promotes Hearing Health.**

Author(s): Alessio, H. H.

Source: In: The Hearing Review. 11(4):36. April 2004.

Availability: Available from CurAnt Communications Inc., Publisher. 6701 Center Drive West, Suite 450, Los Angeles, CA 90045-1535. (310) 642-4400. (310) 641-0831 (Fax). Web site: www.hearingreview.com.

Language: English.

Abstract: In this article the authors discuss relationship between exercise and better hearing health. Two key statements from the authors are: cardiovascular health and physical fitness are positively correlated to better hearing; and an older person who is not genetically predisposed to hearing loss who can stay fit and avoid major hearing risk factors--such as noise and ototoxic medications--is far more likely to retain hearing capabilities of people in their 30s than persons who have low cardiovascular health.

Subject Category: Hearing.

Descriptors: Hearing Health. Hearing Loss Prevention. Hearing Impairment. Healthy Lifestyle. Physical Fitness.

303. **Newborn Hearing and Screening.**

Author(s): American Academy of Audiology.

Source: American Academy of Audiology. Reston, VA. 2002.

Availability: Available from the American Academy of Audiology. Publications, 11730 Plaza America Drive, Suite 300, Reston, VA 20190.

Voice: 800-AAA-2336; 703-790-8466. Fax: 703-790-8631. Web site: <http://www.audiology.org/store>. PRICE: Pkgs. of 100. Members: \$40; Non-Members: \$50 plus shipping and handling.

Language: English.

Abstract: Written for both parents and professionals, this brochure emphasizes the importance of hearing screening for newborns. The brochure explains why a baby should be tested as soon after birth as possible, how the testing will be done, and the hearing milestones that are a part of an infant's normal development.

Subject Category: Hearing.

Descriptors: Newborn Screening. Hearing Test. Early Hearing Detection. Infant Hearing Health. Infant Deafness. Birth Defects. Deafness.

304. **Joint Committee On Infant Hearing Year 2000 Position Statement: Principles and Guidelines for Early Hearing Detection & Intervention Programs.**

Author(s): American Academy of Audiology.

Source: American Academy of Audiology. Reston, VA. 2002.

Availability: Available from the American Academy of Audiology. Publications, 11730 Plaza America Drive, Suite 300, Reston, VA 20190. Voice: 800-AAA-2336; 703-790-8466. Fax: 703-790-8631. Web site: <http://www.audiology.org/store>.

Language: English.

Abstract: The Joint Committee on Infant Hearing (JCIH) endorses the development of family-centered, community-based early hearing detection and intervention (EHDI) systems. EHDI systems are comprehensive, coordinated, timely, and available to all infants. Eight principles provide the foundation for effective EHDI systems. Each of the principles is discussed in the Guideline, which follows the delineation of the principles. These Guidelines are developed to supplement the eight JCIH Year 2000 Position Statement Principles and to support the goals of universal access to hearing screening, evaluation, and intervention for newborns and infants embodied in Healthy People 2000 and 2010 (U.S. Department of Health and Human Services, 2000; U.S. Department of Health and Human Services Public Health Service, 1990). The Guidelines provide current information on the development and implementation of successful EHDI systems.

Subject Category: Hearing.

Descriptors: Newborn Screening. Newborn Screening Guidelines. Testing Guidelines. Hearing Test. Infant Health. Birth Defects. Infant Deafness. Early Hearing Detection. Deafness Prevention.

305. **Red Book 2004 Edition.**

Author(s): American Medical Association.

Source: Atlanta, GA. AMA Press. May, 2004. 800 p.

Availability: Available from American Medical Association, Attn: Order Department. P.O. Box 930876, Atlanta, GA 31193-0876. Web site: www.amapress.com. 1-800-621-8335. Fax: 312-464-5600. ISBN: 1-56363-452-X. PRICE: \$72.95 plus shipping and handling. Item#: OP959904.

Language: English.

Abstract: This resource of clinical and pharmaceutical references offers product information and prices on more than 100,000 prescription drugs, over-the-counter (OTC) items and reimbursable medical supplies. Includes: complete package information including dosage form, route of admission strength and size; common laboratory values--answers to common patient questions about cholesterol, blood pressure, and more; and summaries of drug-food and other interactions.

Subject Category: Hearing. Balance. Smell. Taste. Voice. Speech. Language.

Descriptors: Pharmacy Reference. Physicians' Reference.

306. **Speech Perception Benefits of FM and Infrared Devices to Children With Hearing Aids in a Typical Classroom.**

Author(s): Anderson, K. L., Goldstein, H.

Source: In: Language, Speech, and Hearing Services in Schools. (35)2:169-81. April 2004.

Availability: Available from American Speech-Language-Hearing Association. 10801 Rockville Pike, Rockville, MD 20852. Web site: <http://www.asha.org/>.

Language: English.

Abstract: Children typically learn in classroom environments that have

background noise and reverberation that interfere with accurate speech perception. Amplification technology can enhance the speech perception of students who are hard of hearing. This study used a single-subject alternating treatments design to compare the speech recognition abilities of children who are hard of hearing when they were using hearing aids with each of three frequency modulated (FM) or infrared devices. The study participants were eight 9 to 12-year-olds affected by mild to severe hearing loss.

Subject Category: Hearing. Speech.

Descriptors: Childhood Deafness. Hearing Aids. Assistive Listening Devices. Hearing Aid Research. Deaf Children. Speech Perception.

307. **Sound Field: Integral Part of Any Classroom.**

Author(s): Appold, K.

Source: ADVANCE for Speech-Language Pathologists and Audiologists. 14(41):10. October 2004.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. 610-278-1400. E-mail: advance@merion.com. Website: www.advanceweb.com.

Language: EN.

Abstract: According to the author of this article, students in a typical classroom setting can miss 25 percent of what the teacher says, further compounding their ability to listen and learn. The author names some adverse classroom conditions such as noise, echoes, and distance from the teacher. The article discussion covers how sound field application systems can help a child to hear better in a classroom by providing a positive signal-to-noise (SN) ratio via wall-or ceiling-mounted loudspeakers.

Subject Category: Hearing.

Descriptors: Amplification System. Hearing Technology, FM Technology. Sound. Noise Pollution. Classroom Assistance. Language Development. ALD Applications.

308. **Executive Dysfunction: Strategies for Student Success.**

Author(s): Banotai, A.

Source: ADVANCE for Speech-Language Pathologists and Audiologists. 14(50):6. December 2004.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. 610-278-1400. E-mail: advance@merion.com. Website: www.advanceweb.com.

Language: English.

Abstract: In this article executive dysfunction is defined as having two components-behavioral and metacognitive. The article provides details about the characteristics of executive dysfunction, as well as information about diagnosis, evaluation, and treatment of these deficits. The article is intended to help both parents and professionals.

Subject Category: Language. Speech. Hearing.

Descriptors: Children With Disabilities. Learning Disability. Cognitive Dysfunction. Speech-Language Disorder. Speech-Language Pathology. Special Education. Auditory Processing Disorder. Language Processing Disorder. Speech Rehabilitation.

309. **Hearing Recovery: Initiative Explores Inner-Ear Hair Cell Regeneration.**

Author(s): Banotai, A.

Source: ADVANCE for Speech-Language Pathologists and Audiologists 42(15):6-8. October 2004.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. (610) 278-1400. E-mail: advance@merion.com. Website: www.advanceweb.com.

Language: English.

Abstract: This article discusses the progress and current status of the Hearing Regeneration Initiative (HRI)-a growing, collaborative research approach to advancing the study of inner-ear hair cell regeneration. The goal of this project is to find a cure for hearing loss. The researchers operate at the Virginia Merrill Bloedel Hearing Research Center, housed at the University of Washington (UW) in Seattle.

Subject Category: Hearing.

Descriptors: Hearing Rehabilitation. Hearing Research. Hair Cell Regeneration. Cochlea Regeneration Elements. Deafness.

310. **Ototoxicity: Hearing Loss and Pharmacology.**

Author(s): Banotai, A.

Source: ADVANCE for Speech-Language Pathologists and Audiologists. 14(2):11-12. January 12, 2004.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. 610-278-1400. E-mail: advance@merion.com. Website: www.advanceweb.com.

Language: English.

Abstract: Ototoxic drugs can cause hearing loss and vestibular disturbances, but patients can benefit from education and audiological intervention. This article discusses hearing loss and vestibular disturbances resulting from ototoxic drugs.

Subject Category: Hearing.

Descriptors: Hearing Loss. Vestibular Disturbance. Sensorineural Hearing Loss. Vestibular Toxicity. Orototoxic Drugs. Audiological Care. Audiological Intervention. Ototoxicity. Medical Care.

311. **Educate Patients About ALDs to Meet Their Total Hearing Needs.**

Author(s): Bayard, S. T.

Source: In: ADVANCE for Speech-Language Pathologists and Audiologists. 14(15):14. April 2004.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. 610-278-1400. E-mail: advance@merion.com. Website: http://www.advanceforspanda.com/.

Language: English.

Abstract: According to the author of this article, most people with hearing loss are largely unaware of assistive listening devices (ALDs) and their potential for improving the quality of their daily lives. In the article the writer talks about what dispensing audiologists can do to increase their patients' awareness of how the different types of hearing assistive technology now available can improve patients' quality of life.

Subject Category: Hearing.

Descriptors: Assistive Listening Devices. Hearing Loss. Hearing Devices. Deafness. Audiology.

312. **Redefining Auditory Processing Disorder: An Audiologist's Perspective; A Speech-Language Pathologist's Perspective; APD in Academia.**

Author(s): Bellis, T. J., Douglas, R. G.

Source: In: The ASHA Leader. (9)6:6 March, 2004.

Availability: Available from American Speech-Language-Hearing Association. 10801 Rockville Pike, Rockville, MD 20852. Web site: http://www.professional.asha.org.

Language: English.

Abstract: This three part feature presents the latest thinking on diagnosis and treatment of auditory processing disorder (APD). The presentations from the treatment specialists reflect the ongoing debate in the professions as the authors seek to unravel the mysteries of diagnosing and treating APD for readers. In the third section of this feature, APD in Academia, the writer shares the impact of APD on learning through her experiences with a medical school student.

Subject Category: Hearing. Speech.

Descriptors: Deafness. Hearing Problem. Auditory Processing Disorder. Speech-Language Pathology. Audiology. Hearing Therapy.

313. **Classroom Intervention Strategies and Resource Materials for Children With Hearing Impairment.**

Author(s): Berry, V.

Source: In: Auditory Disorders in School Children, Fourth Edition. Roeser, R.J.; Downs, M.P., ed. York, PA. Thieme 2004. 394-413.

Availability: Available from Thieme New York. 333 Seventh Avenue, New York, NY 10001. Toll-free: (800) 782-3488. Fax: (212) 947-1112. E-mail: customerservice@thieme.com. Web site: http://www.thieme.com. ISBN: 1-58890-228-5. PRICE: \$59 plus shipping and handling.

Language: English.

Abstract: In this chapter of the fourth edition of Auditory Disorders in School Children the author provides tools for educators to successfully manage a child with hearing impairment in the classroom. The author hopes to illustrate that strategies for the child with hearing impairment are no more overwhelming than those basic strategies that support a good educational setting in general.

Subject Category: Hearing.

Descriptors: Auditory Processing Disorder. Hard-of-Hearing Children. Learning Disabilities. Assistive Listening Devices. Special Education Programs. Educator Resource.

314. ***New Weapon Against Hearing Loss?***

Author(s): Boswell, S.

Source: In: The ASHA Leader. (9)3:1 February, 2004.

Availability: Available from American Speech-Language-Hearing Association. 10801 Rockville Pike, Rockville, MD 20852. Web site: <http://www.professional.asha.org>.

Language: English.

Abstract: The nation's first clinical trial to test an antioxidant compound that may prevent noise-induced hearing loss is underway at a California military base. As part of the first controlled trial that began February 1, 500, recruits at the Marine Corps Recruit Depot in San Diego are testing the effects of The Hearing Pill(TM). Developed by the U.S. Navy and marketed as a dietary supplement by a San Diego pharmaceutical firm, the pill is being sold to consumers without a prescription. This article provides details about the program.

Subject Category: Hearing.

Descriptors: Deafness. Hearing Loss Therapy. Hearing Loss Research.

315. ***Mapping Your Own Audiogram.***

Author(s): Carmen, R., English, K.

Source: In: Consumer Handbook on Hearing Loss and Hearing Aids: A Bridge to Healing, Second Edition. Sedona, AZ: Auricle Ink Publishers. 2004. p.

Availability: Available from Auricle Ink Publishers. P.O. Box 20607, Sedona, AZ 86341. (520) 284-0860; E-mail: spruhner@sedona.net; <http://www.hearingproblems.com>. PRICE: soft cover \$18.95 plus shipping and handling, ISBN: 0966182618; hard cover \$24.95 plus shipping and handling, ISBN: 0966182626.

Language: English.

Abstract: The main goal of this chapter from the second edition of the Consumer Handbook on Hearing Loss and Hearing Aids: A Bridge to Healing is to provide hearing users with guidelines for reading their own audiogram to better understand their personal hearing challenges. To advance reader's understanding of the text, the author summarizes each section to include vocabulary and concepts definitions, and an emphasizes points where the hearing aid user should give particular attention.

Subject Category: Hearing.

Descriptors: Hearing Loss. Consumer Information. Hearing Aids. Aural Rehabilitation. Psychosocial Factors. Information Resources. Assistive Listening Devices. Noise-Induced Hearing Loss. Adjustment.

316. ***Consumer Handbook on Hearing Loss and Hearing Aids: A Bridge to Healing, Second Edition.***

Author(s): Carmen, R.

Source: Sedona, AZ: Auricle Ink Publishers. 2004. 250 p.

Availability: Available from Auricle Ink Publishers. P.O. Box 20607, Sedona, AZ 86341. (520) 284-0860; E-mail: spruhner@sedona.net; <http://www.hearingproblems.com>. PRICE: soft cover \$18.95 plus shipping and handling, ISBN: 0966182618; hard cover \$24.95 plus shipping and handling, ISBN: 0966182626.

Language: English.

Abstract: This consumer handbook offers information about the problems of hearing loss and how they affect families. All chapters are authored by clinical audiologists who work on a daily basis with people who have hearing loss. The text discusses the use of hearing aids as a therapeutic factor in addressing hearing loss. But it emphasizes that efforts to overcome the challenge of living in the mainstream as a hard of hearing person should not end with the hearing aid purchase. Fourteen chapters cover the emotions of losing hearing, aging and its impact on hearing, the process of hearing loss, why some consumers reject hearing aids, how hearing aids work, problem solving for hearing aid users, ways to improve listening and hearing, tinnitus, preventing noise-induced hearing loss or drug-induced hearing damage (ototoxicity), and assistive listening devices. The book includes one chapter of answers to commonly-asked questions about hearing aids and adapting to their use. The book concludes with a chapter of resource organizations which offer information for consumers with hearing impairments; organizations are

listed with their addresses, telephone numbers, Fax: numbers, e-mail addresses, and World Wide Web addresses. Each organization is briefly described. Black and white photographs illustrate the text; a subject index concludes it.

Subject Category: Hearing.

Descriptors: Hearing Loss. Consumer Information. Hearing Aids. Aural Rehabilitation. Psychosocial Factors. Information Resources. Voluntary Organizations. Presbycusis. Aging. Physiology. Assistive Listening Devices. Prevention. Tinnitus. Ototoxicity. Noise-Induced Hearing Loss. Adjustment.

317. ***Hearing Aid Technology.***

Author(s): Carmen, R., Sweetow, R. W.

Source: In: Consumer Handbook on Hearing Loss and Hearing Aids: A Bridge to Healing, Second Edition. Sedona, AZ: Auricle Ink Publishers. 2004. p43-61.

Availability: Available from Auricle Ink Publishers. P.O. Box 20607, Sedona, AZ 86341. (520) 284-0860; E-mail: spruhner@sedona.net; <http://www.hearingproblems.com>. PRICE: soft cover \$18.95 plus shipping and handling, ISBN: 0966182618; hard cover \$24.95 plus shipping and handling, ISBN: 0966182626.

Language: English.

Abstract: In this chapter from the second edition of the Consumer Handbook on Hearing Loss and Hearing Aids: A Bridge to Healing, the author gives an overview of hearing devices and hearing technology advances to assist hearing aid users to make an informed decision about hearing aid upgrades or acquiring new hearing aids.

Subject Category: Hearing.

Descriptors: Hearing Loss. Consumer Information. Hearing Aids. Aural Rehabilitation. Psychosocial Factors. Information Resources. Assistive Listening Devices. Noise-Induced Hearing Loss. Adjustment.

318. ***Vibroacoustic Disease.***

Author(s): Castelo Branco, N. A., Alves-Pereira, M.

Source: In: Noise & Health. 6:23, pp.3-20(18). April-June 2004.

Availability: Address correspondence to Nuno Castelo Branco, Apartado 173, 2626-Alverca Codex, Portugal. E-mail: mariana.pereira@onimet.pt.

Language: English.

Abstract: In this report the authors describe vibroacoustic disease (VAD) as: a whole-body, systemic pathology, characterized by the abnormal proliferation of extra-cellular matrices, and caused by excessive exposure to low frequency noise (LFN). The authors further explain that the disorder has been observed in LFN-exposed professionals, such as, aircraft technicians, commercial and military pilots and cabin crewmembers, ship machinists, restaurant workers, and disk-jockeys. The report summarizes what is known to date on VAD, LFN-induced pathology, and related issues. In conclusion the authors make the following observations: that the inadequacy of currently established legislation regarding noise assessments is a powerful hindrance to scientific advancement; VAD can never be fully recognized as an occupational and environmental pathology unless the agent of disease -.

Subject Category: Hearing.

Descriptors: Noise Pollution. Occupational Hazard. Occupational Health. Acoustic Stressor. Hearing. Noise Assessment.

319. ***Hear the Music...Or Not?***

Author(s): Chasin, M.

Source: In: Hearing Journal. 57(7):10. July 2004.

Availability: Available from Lippincott Williams and Wilkins. Customer Service, P.O. 1175, Lowell, MA 01853. (978) 262-9611. Fax: (978) 262-9617. Website: <http://www.thehearingjournal.com/>.

Language: English.

Abstract: Hearing aids are manufactured and fitted primarily to help individuals with hearing impairments hear and understand speech better. Many hearing aid users, however, will like to have hearing devices that enable them to hear music better also. The author of this month's page ten Hearing Journal article provides specific, practical advice on helping the hearing impaired who loves to listen to music.

Subject Category: Hearing.

Descriptors: Hearing Impairment. Deafness. Hard-of-Hearing. Hearing Aids. Hearing Assistive Technology.

320. **Young Children Who Are Deaf-Blind: Implications for Professionals in Deaf and Hard-of-Hearing Services.**

Author(s): Chen, D.

Source: In: The Volta Review: Multiple Challenges-Multiple Solutions: Children with Hearing Loss and Special Needs. Perigoe, C.B.; Perigoe, R., Eds. Washington, DC. The Volta Review 104(4):273-284. 2004.

Availability: Available from the Alexander Graham Bell Association for the Deaf and Hard of Hearing. Publications Department, 3417 Volta Place, NW, Washington, DC 20007. (202) 337-5220 or (202)337-5221 (TTY). Website: www.agbell.org.

Language: English.

Abstract: Children who have a hearing loss and a visual impairment are a very small but extremely heterogeneous low-incidence group. These children vary greatly in the types and degrees of visual impairment and hearing loss. The majority of them have some usable vision or hearing, and many have additional disabilities. Most professionals providing deaf and hard of hearing services may not be experienced in working with a child who has a visual impairment in addition to a hearing loss. However, these professionals have a critical role in facilitating early identification and providing early intervention services to infants and preschoolers who are deaf and blind. This chapter provides basic information about the combined condition of deafness and blindness, including relevant definitions, types of visual impairment, effects of visual impairment and hearing loss, ways to enhance the child's use of vision and touch, and considerations in working with a young child who is both deaf and blind. 2 tables. 18 references. (AA-M).

Subject Category: Hearing.

Descriptors: Children. High Risk Infants. Deafness. Visual Impairment. Blindness. Etiology. Early Intervention. Assistive Devices.

321. **Neurobiological Connections Are Key to APD.**

Author(s): Chermak, G. D.

Source: In: The Hearing Journal 57(4):58. April 2004.

Availability: Available from Lippincott Williams and Wilkins. Customer Service, P.O. 1175, Lowell, MA 01853. (978) 262-9611. Fax: (978) 262-9617. Web site: www.thehearingjournal.com.

Language: English.

Abstract: This article review addresses the effect of neurobiology on hearing diagnosis and therapy. According to the author, our increased understanding of neurobiology drives efforts to develop more sensitive behavioral tests of central auditory function, as well as electrophysiological, electroacoustic, and neuroimaging procedures that may soon alter clinical auditory processing test batteries.

Subject Category: Hearing.

Descriptors: Hearing Aid Technology. Hearing Aid. Deafness Screening. Hearing Impairment. Assistive Listening Devices. Audiology. Auditory Function.

322. **A Guide to Understanding Fibrous Dysplasia.**

Author(s): Children's Craniofacial Association.

Source: Children's Craniofacial Association. 2004. 5 pp.

Availability: Available from Children's Craniofacial Association. 13140 Colt Road, Suite 307, Dallas, TX 75240. (800) 535-3643 or (214) 570-9099; Fax: (214) 570-8811. Website: www.CCAkids.com. PRICE: Free.

Language: English.

Abstract: This parent's guide answers questions frequently asked by parents of children with fibrous dysplasia. It is intended to provide a clear understanding of the condition for patients, parents, and others.

Subject Category: Hearing. Speech.

Descriptors: Birth Defects. Monostotic Disease. Polyostotic Disease. McCune-Albright Syndrome. Rare Diseases. Bone Disease. Craniofacial Defect. Facial Deformity Hearing Loss.

323. **Fitting and Evaluating a Hearing Aid for Recipients of a Unilateral Cochlear Implant: The NAL Approach.**

Author(s): Ching, T.

Source: In: The Hearing Review. 11(7):14. July 2004.

Availability: Send correspondence to HR or Teresa YC Ching, PhD, National Acoustics Laboratories, 126 Greville Street, Chatswood, NSW 2067, Australia. E-mail: Teresa.Ching@nal.gov.au.

Language: English.

Abstract: This article is the first of a 2-part article that provides

information on fitting a hearing aid to the opposite ear of a cochlear implant. Part 1 details the NAL approach for prescribing and evaluating a hearing aid for people who use a cochlear implant in the opposite ear. This approach is based on two items of research that show: systematic adjustment of the hearing aid to suit individual needs leads to improved performance; and empirical results show that the NAL-RP procedure prescribes appropriate frequency-response slope on average. Because NAL-RP was designed for linear aids, the proper prescription and fine-tuning (via paired comparisons) for appropriate frequency and gain responses for non-linear aids are also explained, and two case studies are included. Part 2 of this article will review recent research on binaural benefits arising from bimodal hearing.

Subject Category: Hearing.

Descriptors: Hearing Loss. Deafness. Hearing Impairment. Hearing Aid. Cochlear Implant. Linear Aids. Hearing Assistive Devices.

324. **Quality of Life in Hearing-Impaired Adults: The Role of Cochlear Implants and Hearing Aids.**

Author(s): Cohen, S. M., Labadie, R. F., Dietrich, M. S., Haynes, D. S.

Source: Otolaryngology-Head and Neck Surgery. 131(4): 413-21. October 2004.

Availability: Available from Elsevier Science. (800) 654-2452. Fax: (212) 633-3820. E-mail: reprints@elsevier.com. Web site: www.us.elsevierhealth.com.

Language: EN.

Abstract: This article reports on a study conducted to compare the quality-of-life (QOL) benefit received from cochlear implants (CIs) and hearing aids (HAs) among hearing-impaired adults. The study design featured a health-related questionnaire. Participants included 27 CI users and a control group of 54 HA users, both older than 49. Questionnaires for the pre-rehab state (without HA or CI use) and post-rehab state (after HA or CI for 12 months) were mailed 2 weeks apart. The study findings involve 26 (96.3 percent) CI and 30 (55.6 percent) HA users who responded. The researchers concluded that cochlear implants provide at least comparable benefit for those with profound hearing loss as hearing aids bring for those with less severe hearing loss.

Subject Category: Hearing.

Descriptors: Adult Hearing Research. Hearing Impairment. Cochlear Implants. Hearing Assistive Devices. Hearing Aid. Hearing Impaired Adults. Deafness. Hard-of-Hearing Adults.

325. **Relations Among Linguistic and Cognitive Skills and Spoken Word Recognition in Adults With Cochlear Implants.**

Author(s): Collison, E. A., Munson, B., Carney, A. E.

Source: In: Journal of Speech, Language, and Hearing Research. (47)3:496-507. June 2004.

Availability: Available from American Speech-Language-Hearing Association. 10801 Rockville Pike, Rockville, MD 20852. Web site: <http://www.asha.org/>.

Language: English.

Abstract: This article reports on a study that looks at spoken word recognition in adults with cochlear implants (CIs) to find out the extent to which linguistic and cognitive abilities predict variability in speech-perception performance. The researchers' method included a traditional consonant-vowel-consonant (CVC) repetition measure and a gated-word recognition measure. Participants were 15 postlingually deafened adults aged 34 to 68, with a mean age of 55 and native speakers of American English; and 15 normal hearing adults with an average age of 54 years. Adults with CIs repeated CVC words less accurately than did age-matched adults with normal hearing sensitivity (NH). In addition, adults with CIs required more acoustic information to recognize gated words than did adults with NH. Neighborhood density had a smaller influence on gated-word recognition by adults with CIs than on recognition by adults with NH.

Subject Category: Hearing. Speech. Language.

Descriptors: Hearing Research. Cochlear Implants. Communication Skills. Linguistic Skills. Cognitive Skills. Speech Problems. Hearing Impairment. Nonverbal IQ. Vocabulary.

326. **CSD (Communication Service for the Deaf) Product Catalog 2004.**

Author(s): Communication Service for the Deaf.

Source: Eden Prairie, MN. Communication Service for the Deaf. pp.186.

2004.

Availability: Available from CSD. 15155 Technology Drive, Eden Prairie, MN 55344-2277. (800) 825-6758; (800) 825-9187 (Voice/TTY); (952) 609-1826 (Fax). Website: <http://www.c-s-d.org/>.

Language: English.

Abstract: CSD catalog contains quality products to help individuals who are deaf and hard of hearing lead productive lives. Resources include telephones and telephone products, warning devices, ALD accessories, hearing aid products, speech assistance tools, cochlear implant products, print and audiovisual material for parents and care-giving professionals, and novelty items.

Subject Category: Hearing. Speech.

Descriptors: Resources for the Deaf. Hearing Aid Products. Speech Assistance. Special Needs Products. Cochlear Implant Products. Consumer Resource. Professional Resource. Special Education. ALD Accessories.

327. **Classroom Acoustics.**

Author(s): Crandell, C. C., Smaldino, J. J.

Source: In: Auditory Disorders in School Children, Fourth Edition. Roeser, R.J.; Downs, M.P., ed. York, PA. Thieme 2004. 269-83.

Availability: Available from Thieme New York. 333 Seventh Avenue, New York, NY 10001. Toll-free: (800) 782-3488. Fax: (212) 947-1112. E-mail: customerservice@thieme.com. Web site: <http://www.thieme.com>. ISBN: 1-58890-228-5. PRICE: \$59 plus shipping and handling.

Language: English.

Abstract: Accurate perception and processing of speech are fundamental for academic achievement in the classroom environment. In this chapter of the fourth edition of Auditory Disorders in School Children the author considers the acoustic factors that can influence speech perception in a classroom environment.

Subject Category: Hearing.

Descriptors: Auditory Processing Disorder. Hard-of-Hearing Children. Learning Disabilities. Mild Hearing Loss. Conductive Hearing Loss. Special Education Programs.

328. **Postoperative Infection in Cochlear Implant Patients.**

Author(s): Cunningham, C. D., Slattery, W. H., Luxford, W. H.

Source: In: Otolaryngology-Head and Neck Surgery. 131(1): 109-114. July 2004.

Availability: Available from Elsevier Science. (800) 654-2452. Fax: (212) 633-3820. E-mail: reprints@elsevier.com. Web site: www.us.elsevierhealth.com.

Language: English.

Abstract: This report summarizes the authors' examination of incidence of all postoperative infections in patients undergoing cochlear implant surgery. The researchers performed a retrospective chart review of all patients undergoing cochlear implants at a private tertiary referral center from 1993 to 2002, including cochlear implant surgeries in 462 adults and 271 children. The authors identified patients with evidence of a postoperative infection or infectious complication related to cochlear implantation, and acquired data on patient characteristics, surgery, and treatment outcome. The results showed the following: overall incidence of postoperative infection in the reviewed cases to be 4.1 percent; major infectious complications occurred in 3 percent of cases; and the majority of infections required surgical intervention. The authors state also that a history of chronic ear disease may have increased the risk of infectious complications and there were no cases of meningitis. The authors came to the conclusion that: cochlear implants remain a safe procedure with a low complication rate; the majority of infections can be managed without removing the implant device; and advances in surgical technique and flap design have decreased the occurrence of wound-related complications. The report also concludes that identification of risk factors for infection and optimization of treatment regimens will further reduce the complications associated with postoperative infection.

Subject Category: Hearing.

Descriptors: Hearing Impairment. Cochlear Implantation. Postoperative Infection. Hearing Device Safety. Cochlear Implant Procedure.

329. **New Feedback-Cancellation Algorithm Reported to Increase Usable Gain.**

Author(s): Dai, H., Hou, Z.

Source: In: The Hearing Journal 57(5):44. May 2004.

Availability: Available from Lippincott Williams and Wilkins. Customer Service, P.O. 1175, Lowell, MA 01853. (978) 262-9611. Fax: (978) 262-9617. Web site: www.thehearingjournal.com.

Language: English.

Abstract: In this article the authors describe a new algorithm called the adaptive echo cancellation (AEC). At conclusion the authors state that compared with the typical 5 to 15 dB additional usable gain in the hearing aid industry, their study results for the AEC show a benefit in the range of 16 to 23 dB.

Subject Category: Hearing.

Descriptors: Hearing Aid Technology. Hearing Aid. Deafness Screening. Hearing Impairment. Assistive Listening Devices. Audiology. Auditory Function.

330. **Communication Wake-Up Call: A Practical Look at Assistive Listening Devices and Systems.**

Author(s): Davis, C. D.

Source: In: Hearing Loss. 25(2):10 March/April 2004.

Availability: Available from Self help for Hard of Hearing People. 7910 Woodmont Avenue, Suite 1200, Bethesda, MD 20814. Voice: (301) 657-2248. TTY (301) 657-2249. Web site: www.shhh.org.

Language: English.

Abstract: In this article the author talks about assistive listening devices (ALDs), described as technologies that can help improve listening situations for many individuals. The author addresses people who don't yet wear hearing aids as well as people who do. According to the author, some individuals who don't use hearing aids can benefit from (ALDs)also.

Subject Category: Hearing.

Descriptors: Hearing Aid Technology. Hearing Aid. Deafness. Hearing Impairment. Assistive Listening Devices. Communication. Hard-of-Hearing. Auditory Function.

331. **Otosclerosis and Stapedectomy: Diagnosis, Management, and Complications.**

Author(s): de Souza, C., Glasscock, M. E.

Source: York, PA. Thieme 2004. 224 pp. 69 illustrations. Hardcover.

Availability: Available from Thieme New York. 333 Seventh Avenue, New York, NY 10001. Toll-free: (800) 782-3488. Fax: (212) 947-1112. E-mail: customerservice@thieme.com. Web site: <http://www.thieme.com>. ISBN: 1-58890-169-6. PRICE: \$89 plus shipping and handling.

Language: EN.

Abstract: This textbook is written for the novice as well as the experienced professional or practitioner in the field: general ENT specialists, ENT surgeons, and medical students and otology fellows. This text provides a detailed and practical discussion of otosclerosis patient diagnosis, treatment, and management. The book presents a step-by-step account of stapedectomy surgery, and covers, in addition, the pros and cons of all lasers such as the latest erbium lasers and their current applications; the analysis of recent otosclerosis studies using CT scanning and audiometry as parameters; stapedectomy versus stapedotomy; frequent complications encountered in otosclerosis surgery; and much more. One key feature of this textbook is a practical quiz that helps reinforce all the salient features of the book for the reader.

Subject Category: Hearing.

Descriptors: Otolaryngology. Otology. Audiology. Audiological Evaluation. Cochlear Otosclerosis. Sensorineural Hearing Loss. Otosclerosis Surgery.

332. **Stapedectomy.**

Author(s): de Souza, C., Glasscock, M. E.

Source: In: Otosclerosis and Stapedectomy: Diagnosis, Management, and Complications. York, PA. Thieme 2004. pp. 89-118. Hardcover.

Availability: Available from Thieme New York. 333 Seventh Avenue, New York, NY 10001. Toll-free: (800) 782-3488. Fax: (212) 947-1112. E-mail: customerservice@thieme.com. Web site: <http://www.thieme.com>. ISBN: 1-58890-169-6. PRICE: \$89 plus shipping and handling.

Language: EN.

Abstract: The procedure discussed in this chapter of the book Otosclerosis and Stapedectomy: Diagnosis, Management, and Complications is indicated, according to the authors, when the patient is suspected of having otosclerosis with a bone condition level of 0 to 24 dB in the speech range and an air conduction loss of 45 to 65 dB. In the chapter the authors detail the use of the procedure in different age groups

(children and elderly) and situations. Post operative care is also discussed. The chapter concludes with a summary and references.

Subject Category: Hearing.

Descriptors: Otolaryngology. Otology. Audiology. Audiological Evaluation. Cochlear Otosclerosis. Hearing Devices. Otosclerosis Surgery. Sensorineural Hearing Loss.

333. *Medical Treatment of Otosclerosis.*

Author(s): de Souza, C., Glasscock, M. E.

Source: In: *Otosclerosis and Stapedectomy: Diagnosis, Management, and Complications.* York, PA. Thieme 2004. pp. 59-68. Hardcover.

Availability: Available from Thieme New York. 333 Seventh Avenue, New York, NY 10001. Toll-free: (800) 782-3488. Fax: (212) 947-1112. E-mail: customerservice@thieme.com. Web site: <http://www.thieme.com>. ISBN: 1-58890-169-6. PRICE: \$89 plus shipping and handling.

Language: EN.

Abstract: In this chapter of the book *Otosclerosis and Stapedectomy: Diagnosis, Management, and Complications* the authors discuss surgical and other medical procedures used to arrest the progression of cochlear or combined otosclerosis, specifically sodium fluoride therapy, biphosphonates (diphosphonates), and cytokine inhibitors. References are included.

Subject Category: Hearing.

Descriptors: Otolaryngology. Otology. Audiology. Audiological Evaluation. Cochlear Otosclerosis. Hearing Devices. Otosclerosis Surgery. Sensorineural Hearing Loss.

334. *Cochlear Otosclerosis.*

Author(s): de Souza, C., Glasscock, M. E.

Source: In: *Otosclerosis and Stapedectomy: Diagnosis, Management, and Complications.* York, PA. Thieme 2004. pp. 51-8. Hardcover.

Availability: Available from Thieme New York. 333 Seventh Avenue, New York, NY 10001. Toll-free: (800) 782-3488. Fax: (212) 947-1112. E-mail: customerservice@thieme.com. Web site: <http://www.thieme.com>. ISBN: 1-58890-169-6. PRICE: \$89 plus shipping and handling.

Language: EN.

Abstract: In this chapter of the book *Otosclerosis and Stapedectomy: Diagnosis, Management, and Complications* the authors discuss cochlear otosclerosis. According to the authors this disorder is known also as sensorineural hearing loss with otosclerosis, because the cause-and-effect relationship is unclear. The authors introduce the chapter with a definition of cochlear otosclerosis and follow up in the chapter with discussions about incidence, symptoms, specialized tests, characteristics, diagnosis, treatment and more. The authors conclude the chapter with a summary and references.

Subject Category: Hearing.

Descriptors: Otolaryngology. Otology. Audiology. Audiological Evaluation. Cochlear Otosclerosis. Hearing Devices. Otosclerosis Surgery. Sensorineural Hearing Loss.

335. *Lasers in Otosclerosis.*

Author(s): de Souza, C., Glasscock, M. E.

Source: In: *Otosclerosis and Stapedectomy: Diagnosis, Management, and Complications.* York, PA. Thieme 2004. pp. 73-88. Hardcover.

Availability: Available from Thieme New York. 333 Seventh Avenue, New York, NY 10001. Toll-free: (800) 782-3488. Fax: (212) 947-1112. E-mail: customerservice@thieme.com. Web site: <http://www.thieme.com>. ISBN: 1-58890-169-6. PRICE: \$89 plus shipping and handling.

Language: EN.

Abstract: In this chapter of the book *Otosclerosis and Stapedectomy: Diagnosis, Management, and Complications* the authors discuss the role of laser revision stapedectomy. This approach, the authors say, has greatly improved results in terms of hearing and reduced the incidence of permanent sensorineural hearing loss (SHL). The pros and cons of types of lasers are discussed and compared. The chapter concludes with a summary and references.

Subject Category: Hearing.

Descriptors: Otolaryngology. Otology. Audiology. Audiological Evaluation. Cochlear Otosclerosis. Hearing Devices. Otosclerosis Surgery. Sensorineural Hearing Loss.

336. *Speech Perception Results for Children Using Cochlear Implants Who Have Additional Special Needs.*

Author(s): Dettman, S. J.

Source: In: *The Volta Review: Multiple Challenges-Multiple Solutions: Children with Hearing Loss and Special Needs.* Perigoe, C.B.; Perigoe, R., Eds. Washington, DC. The Volta Review 104(4):361-392. 2004.

Availability: Available from the Alexander Graham Bell Association for the Deaf and Hard of Hearing. Publications Department, 3417 Volta Place, NW, Washington, DC 20007. (202) 337-5220 or (202) 337-5221 (TTY). Website: www.agbell.org.

Language: English.

Abstract: Speech perception outcomes in young children with cochlear implants are affected by numerous variables, including the age of implantation, duration of implantation, mode of communications, and the presence of a developmental delay or additional disability. This chapter describes a study that examined the association between degree of developmental delay and speech perception outcomes for a group of young children using cochlear implants. Forty-nine children who received cochlear implants at a hospital in Melbourne, Australia, between 1993 and 2001 were assessed by an educational psychologist. Children were grouped according to cognitive development level. Twenty-seven children in group one had normal cognitive development. Fourteen children, who were placed in group two, had mild cognitive developmental delay. The remaining eight children, who were placed in group three, had severe cognitive delay. Results suggest that there was a significant association between cognitive development and speech perception based on the categorical scale of outcomes. There was insufficient data available from the formal speech perception test scores for children with a range of cognitive delay to enable valid statistical analysis. However, clinical observations suggest that these children did benefit from the cochlear implant. Thus, the presence of cognitive delay should not preclude children from being considered for receiving cochlear implants. The degree of cognitive impairment should be evaluated carefully to assist the provision of counseling regarding expectations for language development. 2 figures, 1 table. 76 references. (AA-M).

Subject Category: Hearing. Language. Speech.

Descriptors: Children. Speech Perception. Cochlear Implants. Developmental Disorders. Assessment.

337. *I Am Not A Stranger.*

Author(s): Df, C. M.

Source: Colorado Springs, CO. Df Chd Media. 2004.

Availability: Available from Df Chd Media, 4140 Bowsprit Ln., Colorado Springs, CO 80918. 719-266-9916. E-mail: dfchdmedia@adelphia.net. Website: <http://users.adelphia.net/~vonloh>. PRICE: \$27.95 VHS and \$29.95 DVD, plus \$4 shipping per item. 43 minutes, color.

Language: English.

Abstract: This educational video offers a unique view to hearing parents and professionals of the importance of meaningful communication with a deaf child, from the child's perspective. The video demonstrates three scenarios of a typical day and family outing seen through the eyes of a deaf child. In one scene the family does not communicate in a meaningful way, in another the family uses the oral method, and in a third the family uses sign language.

Subject Category: Hearing.

Descriptors: Deaf Communication. Communicating With deaf Children. Hearing Family. Deaf Children. Raising a Deaf Child.

338. *Auditory Neuropathy and Configured Hearing Loss: The Case for Two-Stage Screening.*

Author(s): Dolphin, W. F.

Source: *The Hearing Review.* February 2004. 11(2):28.

Availability: Correspondence can be addressed to HR or William Dolphin, PhD, Sonamed Corp, 1250 Main St, Waltham, MA 02451. E-mail: wdolphin@SonaMed.com.

Language: English.

Abstract: The two-stage hearing screening approach, which utilizes both otoacoustic emissions (OAEs) and auditory brainstem response (ABR), allows the detection of those infants with auditory neuropathy and configured hearing loss. screening approach, recommended by the National Institutes of Health in the 1993 NIH Consensus Statement, has emerged as the preferred protocol and has been widely implemented with considerable success. This approach identifies the overwhelming majority

of newborns with hearing loss in the most cost-effective and efficacious approach currently available. Additionally, it is only through the combined use of OAE and ABR screening that one is able to detect and identify those infants with auditory neuropathy and configured loss, ensuring a complete assessment of the auditory pathway. The author discusses these processes and explains how using the two-stage testing minimizes missing infant hearing loss. Includes charts and references.

Subject Category: Hearing.

Descriptors: Newborn Screening. Newborn Hearing Screening. Infant Auditory Neuropathy. Newborn Hearing Loss.

339. **Contribution of Mild Hearing Loss to Auditory Language Learning Problems.**

Author(s): Downs, M. P.

Source: In: Auditory Disorders in School Children, Fourth Edition. Roeser, R.J.; Downs, M.P., ed. York, PA. Thieme 2004. 233-48.

Availability: Available from Thieme New York. 333 Seventh Avenue, New York, NY 10001. Toll-free: (800) 782-3488. Fax: (212) 947-1112. E-mail: customerservice@thieme.com. Web site: <http://www.thieme.com>. ISBN: 1-58890-228-5. PRICE: \$59 plus shipping and handling.

Language: English.

Abstract: Views in what is an educationally handicapping hearing loss have undergone dramatic changes. On the basis of new research, the author of this chapter of the fourth edition of Auditory Disorders in School Children discusses the need for changes in educational approaches used with children with conductive hearing loss in schools. The chapter addresses six main questions: What kind of hearing loss caused by ear disease would result in educational handicap? How prevalent is the disease in the school-aged child? What intensity level should be used as the criterion to define the educationally handicapping condition? Why do mild losses from common ear disease become learning handicaps? What evidence suggests that ear disease in early life results in language learning disorders? On the basis of new information, what change should schools make in their identification and remediation of hearing loss? In addition, the author explores other forms of environmental deprivation affecting the auditory language learning process.

Subject Category: Hearing.

Descriptors: Auditory Processing Disorder. Hard-of-Hearing Children. Learning Disabilities. Mild Hearing Loss. Conductive Hearing Loss. Special Education Programs.

340. **Advocating for Accessibility.**

Author(s): Dugan, M.

Source: In: The Hearing Review. 11(4):32. April 2004.

Availability: Available from CurAnt Communications Inc., Publisher. 6701 Center Drive West, Suite 450, Los Angeles, CA 90045-1535. (310) 642-4400. (310) 641-0831 (Fax). Web site: www.hearingreview.com.

Language: English.

Abstract: This article presents information from a panel discussion on advocating hearing accessibility, specifically access in restaurants, during travel, for legislative efforts, in houses of worship, at places of employment, and in hospitals.

Subject Category: Hearing.

Descriptors: Hearing Accessibility. Deafness. Hearing Impairment. Hard-of-Hearing. Disability Rights.

341. **Eating In Restaurants-Fun or Frustration.**

Author(s): Dugan, M. B.

Source: In: Hearing Loss. 25(4):18. July/August 2004.

Availability: Available from Self help for Hard of Hearing People. 7910 Woodmont Avenue, Suite 1200, Bethesda, MD 20814. Voice: (301) 657-2248. TTY (301) 657-2249. Web site: www.shhh.org.

Language: English.

Abstract: The Rochester, NY chapter of Self help for Hard of Hearing People (SHHH) developed some practical tips and guidelines about dining out to help individuals who are hearing impaired. The author of this article reports on these guidelines to help individuals deal with the challenges of noise levels in restaurants. Many hard-of-hearing people cite hearing well in restaurants as a situation they find most difficult.

Subject Category: Hearing.

Descriptors: Hearing Impaired. Hard-of-Hearing. In-door Noise Levels. Noise Reduction. Deafness.

342. **Easter Seals Camping and Recreation Services.**

Author(s): Easter Seals.

Source: Easter Seals, Chicago, IL. 2004. 27p.

Availability: Available from Easter Seals. Attention: Rosemary Graza, Information and Referral Specialist. 230 West Monroe Street, Suite 1800, Chicago IL 60606-4802. 1-800-221-6821. Web site: www.easter-seals.org. PRICE: free including shipping.

Language: English.

Abstract: Easter Seals offers a broad range of sporting and recreational activities to people with disabilities-from team activities to wilderness exploration, aquatics to skiing-for every athletic level. This list of camping activities around the country provides a fun summer retreat for kids with special needs.

Subject Category: Hearing. Speech. Language. Voice.

Descriptors: Children With Special Needs. Camping. Summer Camp. Children With Disabilities. Camping and Recreation Programs. Easter Seals. Recreation for Children With Disabilities.

343. **Counseling in Audiologic Practice: Helping Patients and Families Adjust to Hearing Loss.**

Author(s): English, K. M., Clark, J. G.

Source: Boston, MA: Allyn & Bacon. 2004.

Availability: Available from Allyn & Bacon, Publisher. Web site: www.ablongman.com. PRICE: \$48.80 plus shipping and handling. ISBN: 0-205-36697-X (paperback) 264 pp.

Language: English.

Abstract: In this book the authors guide practicing audiologists or audiology students in the mastery of counseling skills to meet the needs of patients and families suffering from hearing loss. The authors examine the range of emotions experienced by parents following the diagnosis of pediatric hearing loss as well as the less recognized emotional impact accompanying adult hearing loss. Discussion based upon counseling theory reveals the variety of dynamics within audiologists' interactions with patients to help clinicians more completely address the personal adjustment and support counseling needs of individuals, families, and groups as well as those approaching audiologic services from within the context of a culturally diverse background.

Subject Category: Hearing.

Descriptors: Audiology. Audiologist. Hearing Loss. Treating Hearing Loss. Clinical Practice Skills. Counseling Deaf Individuals. Deafness. Cultural Competence.

344. **Fluctuating and Sensorineural Hearing Loss in Children.**

Author(s): Epstein, S.

Source: Washington, DC. Volta Voices. 11(8):38. November/December 2004.

Availability: Available from Alexander Graham Bell Association for the Deaf and Hard of Hearing. 3417 Volta Place, NW, Washington, DC 20007. 202-337-5220; TTY: 202-337-5221; FAX: 202-337-8314. Web site: <http://www.agbell.org>.

Language: English.

Abstract: Dr. Epstein is a practicing otologist involved with parents of newborns and young children with sensorineural hearing loss (SHL). In this article he discusses SHL in children, including the possible causes and medical management of fluctuating SHL.

Subject Category: Hearing.

Descriptors: Infant Hearing Loss. Children. Hearing Impairment. Deafness. Sensorineural Hearing Loss.

345. **Sound Advice: The Doctor's Orders.**

Author(s): Epstein, S.

Source: Volta Voices 11(2):46. March/April 2004.

Availability: Available from Alexander Graham Bell Association for the Deaf, Inc. 3417 Volta Place, NW, Washington, DC 20007. (202) 337-5220; (202) 337-5221 (TTY); Fax: (202) 337-8314. Website: www.agbell.org.

Language: English.

Abstract: Dr. Epstein answers a question from a reader about the use of candling in ear wax build-up removal that interferes with the hearing aid functioning. Dr. Epstein advises treatment by a specialist as the safest and best option.

Subject Category: Hearing.
Descriptors: Ear Disorder. Hearing Aids. Management.

346. **Literacy Development in Deaf Students: Case Studies in Bilingual Teaching and Learning.**

Author(s): Evans, C. J.
Source: American Annals of the Deaf. 149(1): 17-27. Spring 2004.
Availability: Available from Gallaudet University Press Denison House. 800 Florida Avenue, NE, Washington, DC 20002. (202) 651-5488 (Voice/TTY; Fax: (202) 651-5489. E-mail: gupress@gallaudet.edu. Web site: <http://gupress.gallaudet.edu/annals>.
Language: English.
Abstract: A bilingual model has been applied to educating deaf students who are learning American Sign Language (ASL) as their first language and written English as a second. Although Cummins's (1984) theory of second-language learning articulates how learners draw on one language to acquire another, implementing teaching practices based on this theory, particularly with deaf students, is a complex, confusing process. The purposes of the present study were to narrow the gap between theory and practice and to describe the teaching and learning strategies used by the teachers and parents of three elementary school children within a bilingual/bicultural learning environment for deaf students. The findings suggest strategies such as using ASL as the language of instruction and making translation conceptual rather than literal contribute to literacy learning. Findings further indicate that some inconsistencies persist in applying a bilingual approach with deaf students.
Subject Category: Hearing.
Descriptors: Bilingual Deaf Students. American Sign Language. Deafness. Hard-of-Hearing. Teacher Resource.

347. **Hearing Aids: Is High-Tech Really Better?**

Author(s): Fabry, D.
Source: Washington, DC. Hearing Health Spring 2004. 20(1):10-12.
Availability: Available from Deafness Research Foundation. 1050 17th Street, NW, Suite 701, Washington, DC 20036. Voice: (202) 289- 5850. Fax: (202) 293-1805. E-mail: info@hearinghealthmag.com. Web site: <http://www.hearinghealthmag.com>.
Language: English.
Abstract: In this article the author discusses the benefits of the latest advances in hearing aid technology and what the future developments may mean for patients. The author concludes by advising the hearing aid user to work closely with his or her hearing healthcare professional to determine the most appropriate selection, fitting and maintenance to guarantee the best hearing outcome.
Subject Category: Hearing.
Descriptors: Hearing Aid Technology. Hearing Aid. Hearing Assistive Devices. Deafness. Hearing Loss. Patient Education.

348. **Assistive Technology Resources 2004.**

Author(s): Family Center on Technology and Disability.
Source: Washington DC. Family Center on Technology and Disability.
Availability: Available from the Family Center on Technology and Disability (FCTD), Academy for Educational Development (AED). 1825 Connecticut Avenue, NW 7th Floor, Washington, DC 20009-5721. (202) 884-8068. Fax: (202) 884-8441. E-mail: fctd@aed.org; Web site: <http://www.fctd.info/>. PRICE: Free.
Language: English.
Abstract: The Family Center on Technology and Disability (FCTD) maintains a database that houses hundreds of reviews of assistive technology resources such as books, newsletters, training manuals, software and web sites. These resources are available at no cost and may be ordered online or by telephone. FCTD experts review and evaluate these resources in-house. This agency operates entirely through program support from the U.S. Department of Education's Office of Special Education Programs (OSEP).
Subject Category: Hearing. Speech. Voice. Language.
Descriptors: Assistive Technology. Disabilities. Disability Resource Database. Disability Rights. Disability Laws.

349. **Transcanal Approaches to Cholesteatoma.**

Author(s): Farrior, J. B.

Source: In: Middle Ear and Mastoid Surgery: Haberman, R. S., ed. York, PA. Thieme 2004. pp. 49-54.
Availability: Available from Thieme New York. 333 Seventh Avenue, New York, NY 10001. Toll-free: (800) 782-3488. Fax: (212) 947-1112. E-mail: customerservice@thieme.com. Web site: <http://www.thieme.com>. ISBN: 1-5889-0173-4. PRICE: \$109 plus shipping and handling.
Language: EN.

Abstract: In this chapter from the text Middle Ear and Mastoid Surgery the author describes transcanal procedures for the removal of cholesteatoma as the most direct approach for the removal of disease originating in the middle ear and epitympanum, and the Hypotympanum. In the chapter the author discusses patient presentation and indication, preoperative evaluation, and surgical procedure. Includes figures and references.
Subject Category: Hearing.
Descriptors: Tympanic Membrane Disease. Middle Ear Procedure. Middle Ear Therapy. Hearing Loss Correction. Hypotympanum. Otology.

350. **Revision Cochlear Implant Surgery: Causes and Outcome.**

Author(s): Fayad, J. N., Bains, T., Parisier, S. C.
Source: Otolaryngology-Head and Neck Surgery. 131(4): 429-32. October 2004.
Availability: Available from Elsevier Science. (800) 654-2452. Fax: (212) 633-3820. E-mail: reprints@elsevier.com. Web site: www.us.elsevierhealth.com.
Language: EN.

Abstract: This article provides details of a study that review experience with cochlear implant reimplantations, including effect of reinsertion on audiological performance. The study design and setting was a retrospective review of cochlear implant reinsertions in patients seen in a private tertiary neurotologic practice. Forty-three patients (8 adults and 35 children) underwent revision cochlear implant surgery for device failure or upgrade. Findings at initial and repeat operations were noted, including number of electrodes inserted, and speech perception performance data were obtained when available. The results demonstrate five complications occurred in the reinsertion operations, 2 (6 percent) intraoperative cerebral spinal fluid leaks and 3 (7 percent) postoperative flap breakdowns with implant extrusion. Number of electrodes inserted was unchanged in 40/43 patients. Speech perception abilities remained stable or improved. The study concludes that cochlear reimplantation is technically feasible. According to the researchers, the significance of the findings are that patients facing reimplantation must be aware of the possibility of differences in sound quality and speech recognition performance with their replacement device, but speech perception ability will typically remain the same or improve.
Subject Category: Hearing.
Descriptors: Cochlear Implant Surgery. Cochlear Reinsertion Operations. Hearing Assistive Devices. Audiological Performance.

351. **The Effect of Noise on Public Health: International Congress Explores Global Impact.**

Author(s): Finegold, L. S., Job, S., de Jong, R., Griefahn, B.
Source: The ASHA Leader 2004. (9)18:6-7,13.
Availability: Available from American Speech-Language-Hearing Association. 10801 Rockville Pike, Rockville, MD 20852. Web site: <http://www.professional.asha.org>.
Language: EN.
Abstract: This article is the first of a two-part series that describes the research presented at the 8th International Congress on Noise as a Public Health Problem. The International Congress has convened every five years in nations around the world to report on the full range of the biological effects of noise.
Subject Category: Hearing.
Descriptors: Noise Pollution. Workplace Noise. Noise Induced Hearing Loss. Noise Research. Administration and Policy.

352. **Classroom Amplification Systems.**

Author(s): Flexer, C.
Source: In: Auditory Disorders in School Children, Fourth Edition. Roeser, R.J.; Downs, M.P., ed. York, PA. Thieme 2004. 284-305.
Availability: Available from Thieme New York. 333 Seventh Avenue, New York, NY 10001. Toll-free: (800) 782-3488. Fax: (212) 947-1112. E-mail: customerservice@thieme.com. Web site: <http://www.thieme.com>. ISBN:

1-58890-228-5. PRICE: \$59 plus shipping and handling.

Language: English.

Abstract: The purpose of amplification technology is to efficiently and effectively channel sound to the brain. In this chapter of the fourth edition of *Auditory Disorders in School Children* the author details the rationale and use of classroom amplification systems.

Subject Category: Speech. Hearing.

Descriptors: Auditory Processing Disorder. Hard-of-Hearing Children. Learning Disabilities. Mild Hearing Loss. Conductive Hearing Loss. Special Education Programs.

353. ***Output Levels of Commercially Available Portable Compact Disc Players and the Potential Risk to Hearing.***

Author(s): Fligor, B. J., Cox, L. C.

Source: Ear and Hearing: Journal of The American Auditory Society. 25(6): 586-97. December 2004.

Availability: Available from Lippincott Williams and Wilkins. 530 Walnut Street, Philadelphia, PA 19106-3621. Voice: (215) 521-8300. Website: <http://www.ear-hearing.com>.

Language: English.

Abstract: The study discussed in this article measured the sound levels generated by the headphones of commercially available portable compact disc players to provide hearing healthcare providers with safety guidelines based on a theoretical noise dose model. The authors point out that there is documentation that personal stereo systems (headphones) are capable of delivering potentially toxic levels of sound under certain conditions, but no clinically applicable guidelines available for the hearing healthcare provider to recommend responsible use. In this report the research team sought to measure output levels from a variety of manufacturers of personal stereo systems and several different styles of headphones and calculate the theoretical listening duration and volume control setting that would constitute a hazardous noise dose. The study findings indicated variation in output levels among CD player manufacturers and systematic differences in output levels depending on the style of headphone. All the CD players studied were capable of delivering sound levels that could result in toxic noise exposure given sufficient listening duration.

Guidelines constituting responsible portable CD player use are given for specific CD players and headphones at various volume control settings.

Subject Category: Hearing.

Descriptors: Noise Induced Hearing Loss. Noise Safety Guidelines. Noise Levels. Hazardous Noise. Hearing Health. Hearing Research.

354. ***SSRI Use by Tinnitus Patients: Interactions Between Depression and Tinnitus Severity.***

Author(s): Folmer, R. L., Shi, Y. B.

Source: ENT: Ear, Nose and Throat Journal. 83(2): 107-17. February 2004.

Availability: Available from Medquest Communications LLC, 3800 Lakeside Avenue, Suite 201, Cleveland, OH 44114. (216) 391-9100. E-mail: circulation@entjournal.com. Web site: <http://www.entjournal.com/>.

Language: English.

Abstract: Depression is often coincident with chronic tinnitus, and several studies have suggested that antidepressant medications may play a role in relieving tinnitus as well as depression. The authors of this article conducted a retrospective study of the use of selective serotonin reuptake inhibitors (SSRIs) by patients at a large tinnitus clinic to assess the effects of these antidepressants on tinnitus severity. The subjects were a subgroup of 30 patients with depression who had begun taking SSRI medication after the onset of their tinnitus, and who had been treated also with psychotherapy by a mental health clinician. At a mean follow-up of 20.6 months, the researchers found that: only 10 of the 30 patients reported that they were still experiencing major depression; the group as a whole demonstrated a statistically significant improvement in tinnitus symptoms as reflected by a reduction in their Tinnitus Severity Index scores. The writers conclusions were that SSRIs represent one category of tools that can be used to help patients with severe tinnitus and depression and, like all antidepressant medications, SSRIs should be used in conjunction with psychotherapy to facilitate patient improvement.

Subject Category: Hearing.

Descriptors: Tinnitus. Chronic Tinnitus. Tinnitus Treatment. Tinnitus Research. Tinnitus Severity Index. Hearing Disorder.

355. ***A Chat About Radiosurgery.***

Author(s): Friedman, W. A.

Source: Cumming, GA. ANA Notes. September 2004.

Availability: Available from Acoustic Neuroma Association. 600 Peachtree Parkway, Suite 108, Cumming, GA 30041. 770-205-8211; Fax: 770-205-0239. Web site: <http://www.ANAUSA.org>. E-mail: ANAUSA@aol.com.

Language: EN.

Abstract: This article discusses radiosurgery as a treatment option for acoustic neuroma. The author hopes to provide an up-to-date summation of radiosurgery option, good and bad, for readers. The author describes the term radiosurgery as one coined by a Swedish neurosurgeon, Lars Leksell, in the 1950s, to describe his method of focusing hundreds of small beams of radiation on a target within the head. 2 figures included.

Subject Category: Hearing.

Descriptors: Acoustic Neuroma Surgery. Radiation. Ear Disorder Therapy.

356. ***Research in Progress: Molecular and Neural Perspectives on Age-Related Hearing Loss.***

Author(s): Frisina, R. D.

Source: In: the ASHA leader. 9(13)16. July 2004.

Availability: Available from American Speech-Language-Hearing Association. 10801 Rockville Pike, Rockville, MD 20852. Web site: <http://www.asha.org/>.

Language: English.

Abstract: In this research brief the author discusses past and current studies on presbycusis-age-related hearing loss. A recent molecular investigation is using gene arrays and mouse animal models to further understand the molecular genetic basis of presbycusis.

Subject Category: Hearing.

Descriptors: Age-Related Hearing Loss. Presbycusis. Hearing Loss. Deafness Research. Hearing Impairment. Research. Aging.

357. ***Schools and Programs In the United States.***

Author(s): Gallaudet University Press.

Source: In: American Annals of the Deaf, Reference Issue 2004.

Washington, D.C. American Annals of the Deaf. 149(2) Reference Issue 2004. 93-166 pp.

Availability: Available from Gallaudet University Press Denison House. 800 Florida Avenue, NE, Washington, DC 20002. (202) 651-5488 (Voice/TTY; Fax: (202) 651-5489. E-mail: frances.clark@gallaudet.edu. Web site: <http://gupress.gallaudet.edu/annals>. PRICE: \$30 for a single copy, plus shipping and handling.

Language: English.

Abstract: Contained in the American Annals of the Deaf, Reference Issue 2004, this is a directory of information about U.S. schools and programs enrolling children who are deaf or hard of hearing. The references are listed alphabetically by state and city and includes schools--residential, day, center schools; local programs; and other types of facilities. Contact information to update or include a program is included.

Subject Category: Hearing.

Descriptors: Student Reference. Educational Programs for Deaf Students. Deaf-Blind Children. Deaf Students. Deafness Research. Deafness Advocacy. Hearing Disorder. Hearing Impairment. Deafness. Hard-of-Hearing. Hearing Disability.

358. ***Programs For Training Interpreters.***

Author(s): Gallaudet University Press.

Source: In: American Annals of the Deaf, Reference Issue 2004.

Washington, D.C. American Annals of the Deaf. 149(2) Reference Issue 2004. 198-204 pp.

Availability: Available from Gallaudet University Press Denison House. 800 Florida Avenue, NE, Washington, DC 20002. (202) 651-5488 (Voice/TTY; Fax: (202) 651-5489. E-mail: frances.clark@gallaudet.edu. Web site: <http://gupress.gallaudet.edu/annals>. PRICE: \$30 for a single copy, plus shipping and handling.

Language: English.

Abstract: Contained in the American Annals of the Deaf, Reference Issue 2004, this listing of programs for training interpreters for the deaf is intended for use as a quick reference guide.

Subject Category: Hearing.

Descriptors: Student Reference. Educational Programs for Deaf Students. Deaf-Blind Children. Deaf Students. Deafness Research.

Deafness Advocacy. Hearing Disorder. Hearing Impairment. Deafness. Hard-of-Hearing. Hearing Disability.

359. **Programs For Deaf-Blind Children and Youth.**

Author(s): Gallaudet University Press.

Source: In: American Annals of the Deaf, Reference Issue 2004. Washington, D.C. American Annals of the Deaf. 149(2) Reference Issue 2004. 221-38 pp.

Availability: Available from Gallaudet University Press Denison House. 800 Florida Avenue, NE, Washington, DC 20002. (202) 651-5488 (Voice/TTY; Fax: (202) 651-5489. E-mail: frances.clark@gallaudet.edu. Web site: <http://gupress.gallaudet.edu/annals>. PRICE: \$30 for a single copy, plus shipping and handling.

Language: English.

Abstract: Contained in the American Annals of the Deaf, Reference Issue 2004, this list of community organizations offers services to deaf and hard of hearing people on the local and regional levels. Included are state commissions and councils for the deaf, separate from the state vocational rehabilitation offices and other state agencies. The lists are in alphabetical order, by state and city.

Subject Category: Hearing.

Descriptors: Student Reference. Educational Programs for Deaf Students. Deaf-Blind Children. Deaf Students. Deafness Research. Deafness Advocacy. Hearing Disorder. Hearing Impairment. Deafness. Hard-of-Hearing. Hearing Disability.

360. **The Clerc Center Catalog 2004-2005.**

Author(s): Gallaudet University Press.

Source: Washington, DC. Gallaudet University Laurent Clerc National Deaf Education Center. 2004.

Availability: Available from Publications and Information Dissemination, Clerc Center KDES PAS-6800, Florida Avenue, NE, Washington, DC 20002-3695. Voice/TTY: (202) 651-5340. Toll-free: (800) 526-9105. Fax: (202) 651-5708. Web site: <http://clerccenter.gallaudet.edu>. PRICE: Available free online at

http://clerccenter.gallaudet.edu/products/alpha_listing.html or for download at <http://clerccenter.gallaudet.edu/products/ClercCatalog04.pdf>.

Language: English.

Abstract: This product catalog includes books, manuals, curricula, occasional papers, videotapes, and training programs to aid parents, students, professionals, and others involved in the education of deaf and hard-of-hearing children. Some products are available in languages other than English.

Subject Category: Hearing.

Descriptors: Curricula for Deaf Students. Hard-of-Hearing Students. Special Education. Deaf Students. Teaching Guides. Parent Resource. Professional Resource.

361. **Programs For Deaf-Blind Children and Youth.**

Author(s): Gallaudet University Press.

Source: In: American Annals of the Deaf, Reference Issue 2004. Washington, D.C. American Annals of the Deaf. 149(2) Reference Issue 2004. 206-12 pp.

Availability: Available from Gallaudet University Press Denison House. 800 Florida Avenue, NE, Washington, DC 20002. (202) 651-5488 (Voice/TTY; Fax: (202) 651-5489. E-mail: frances.clark@gallaudet.edu. Web site: <http://gupress.gallaudet.edu/annals>. PRICE: \$30 for a single copy, plus shipping and handling.

Language: English.

Abstract: Contained in the American Annals of the Deaf, Reference Issue 2004, this is a reference guide of programs for deaf-blind children and youth. The programs are listed in alphabetical order, by state and city.

Subject Category: Hearing.

Descriptors: Student Reference. Educational Programs for Deaf Students. Deaf-Blind Children. Deaf Students. Deafness Research. Deafness Advocacy. Hearing Disorder. Hearing Impairment. Deafness. Hard-of-Hearing. Hearing Disability.

362. **Programs For Training Teachers.**

Author(s): Gallaudet University Press.

Source: In: American Annals of the Deaf, Reference Issue 2004.

Washington, D.C. American Annals of the Deaf. 149(2) Reference Issue 2004. 185-93 pp.

Availability: Available from Gallaudet University Press Denison House. 800 Florida Avenue, NE, Washington, DC 20002. (202) 651-5488 (Voice/TTY; Fax: (202) 651-5489. E-mail: frances.clark@gallaudet.edu. Web site: <http://gupress.gallaudet.edu/annals>. PRICE: \$30 for a single copy, plus shipping and handling.

Language: English.

Abstract: Contained in the American Annals of the Deaf, Reference Issue 2004, this is a listing of teacher training programs intended for use by teachers who are working with, or intend to work with, deaf students. The listing is intended as a quick reference guide for users.

Subject Category: Hearing.

Descriptors: Student Reference. Educational Programs for Deaf Students. Deaf-Blind Children. Deaf Students. Deafness Research. Deafness Advocacy. Hearing Disorder. Hearing Impairment. Deafness. Hard-of-Hearing. Hearing Disability.

363. **Meniere's Disease in 2004.**

Author(s): Gates, G. A.

Source: Washington, DC. Hearing Health Spring 2004. 20(1):10-12.

Availability: Available from Deafness Research Foundation. 1050 17th Street, NW, Suite 701, Washington, DC 20036. Voice: (202) 289- 5850. Fax: (202) 293-1805. E-mail: info@hearinghealthmag.com. Web site: <http://www.hearinghealthmag.com>.

Language: English.

Abstract: In this opinion piece the author discusses symptoms and management of Meniere's disease, based on the available evidence.

Subject Category: Hearing.

Descriptors: Ear Disorder. Hearing Disorder. Meniere's Disease. Hearing Impairment. Hearing Loss. Tinnitus. Patient Education.

364. **Are You Being Served? A Look At Title III of the Americans With Disabilities Act.**

Author(s): Gold, L. A.

Source: Washington, DC. Volta Voices. 11(1):26-7. Jan/Feb 2004.

Availability: Available from Alexander Graham Bell Association for the Deaf and Hard of Hearing. 3417 Volta Place, NW, Washington, DC 20007. 202-337-5220; TTY: 202-337-5221; FAX: 202-337-8314. Web site: <http://www.agbell.org>.

Language: English.

Abstract: Title III of the Americans With Disabilities Act prohibits discrimination on the basis of disability in places of public accommodations. This article addresses some of the requirements of public accommodations as they pertain to individuals who are deaf or hard-of-hearing and discusses the role of self-advocacy in achieving ADA compliance.

Subject Category: Hearing.

Descriptors: Americans With Disabilities Act. ADA. Disabilities. Deafness. Hard-of-Hearing. Hearing Impairment.

365. **Habituation for Tinnitus and Hyperacusis.**

Author(s): Gold, S. L.

Source: In: ADVANCE for Speech-Language Pathologists and Audiologists. 14(20):10. May 2004.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. 610-278-1400. E-mail: advance@merion.com. Website: <http://www.advanceforspanda.com/>.

Language: English.

Abstract: In this article the writer talks about specific goals for working with hearing aid users: to educate, empower, and counterbalance the negative emotions and erroneous information that have been disseminated regarding tinnitus, and the processes for achieving these goals. The author is the Program Director at the University of Maryland Tinnitus and Hyperacusis Center in Baltimore, MD.

Subject Category: Hearing.

Descriptors: Hearing Disorder. Tinnitus. Tinnitus Treatment.

366. **Middle Ear and Mastoid Surgery.**

Author(s): Haberman, R. S.

Source: York, PA. Thieme 2004. 296 pp. 19 tables. 225 illustrations.

Hardcover.

Availability: Available from Thieme New York, 333 Seventh Avenue, New York, NY 10001. Toll-free: (800) 782-3488. Fax: (212) 947-1112. E-mail: customerservice@thieme.com. Web site: <http://www.thieme.com>. ISBN: 1-5889-0173-4. PRICE: \$109 plus shipping and handling.

Language: EN.

Abstract: This is an up-to-date otologic reference on middle ear and mastoid surgery for practicing otolaryngologists. This textbook covers procedures from simple myringoplasty to cochlear implantation with descriptions of the latest techniques for virtually every surgery performed in the middle ear and mastoid. The text is organized by operative procedure with each chapter covering a specific surgical procedure written by an expert in the field. This procedural text layout allows users to easily and quickly refer to a particular operation when preparing for a case. The book progresses from simple surgical techniques to more complicated procedures, including tympanoplasty; the various forms of mastoidectomy; initial and revision stapedectomy; ossiculoplasty; and more.

Subject Category: Hearing.

Descriptors: Myringoplasty. Cochlear Implantation. Otology. Audiology. Audiological Evaluation. Hearing Therapy. Middle Ear Surgery. Hearing Loss Correction. Surgical Implantable Hearing Aids.

367. **Clinical Experience Using a Hearing Aid for TMJ-Related Fitting Problems.**

Author(s): Hall, C. M.

Source: In: The Hearing Review. 11(4):50. April 2004.

Availability: Available from CurAnt Communications Inc., Publisher. 6701 Center Drive West, Suite 450, Los Angeles, CA 90045-1535. (310) 642-4400. (310) 641-0831 (Fax). Web site: www.hearingreview.com.

Language: English.

Abstract: A new hearing instrument style may provide benefits for patients who have trouble with their hearing aids retaining an adequate seal in the ear canal, according to this article. The author makes a case for clinicians to incorporate this device--a Post Auricular Canal (PAC) instrument--into their practices. According to the author, this device has the potential to assist clinicians in fitting patients with TMJ- related problems. He concludes that, because of the unique shape and texture of the silicone ear tip and the fact this tip is designed to be deeply seated in the bony portion of the ear canal, patients can wear this device without it working free from the canal or losing the critical ear canal seal.

Subject Category: Hearing.

Descriptors: Hearing Aid Technology. Hearing Aid. Deafness. Hearing Impairment. Assistive Listening Devices.

368. **Newborn Hearing Screening With Combined Otoacoustic Emissions and Auditory Brainstem Responses.**

Author(s): Hall, J. W., Smith, S. D., Popelka, G. R.

Source: American Academy of Audiology. Reston, VA. 15(6):414-25. June 2004.

Availability: Available from the American Academy of Audiology. Publications, 11730 Plaza America Drive, Suite 300, Reston, VA 20190. Voice: 800-AAA-2336; 703-790-8466. Fax: 703-790-8631. Web site: <http://www.audiology.org/>.

Language: English.

Abstract: This article reports on a research study based on the researchers' position that accurate assessment of neonatal hearing screening performance is impossible without knowledge of the true status of hearing, a prohibitive requirement that necessitates a complete diagnostic evaluation on all babies screened. The purpose of this study is to circumvent this limitation by integrating two types of screening measures obtained near simultaneously on every baby. Peripheral auditory function was defined by otoacoustic emission results. A complete diagnostic evaluation was performed on every baby who received a 'refer' outcome for auditory brainstem response screening. The integrated results for auditory brainstem response screening in an unselected group of 300 newborns estimated sensitivity at 100 percent, specificity at 99.7 percent, overall referral rate at 2 percent, and a positive predictive value of 83.3 percent. The results show conductive loss associated with amniotic fluid in the middle ear can persist several weeks after birth; conductive loss can produce a 'refer' outcome for auditory brainstem response screening; and auditory neuropathy can be detected with screening measures. Prevalence results were consistent with the published literature. The implications reported for these findings are that

otoacoustic emissions and auditory brainstem measures provide much more information than either alone and that both are needed for a comprehensive hearing screening program.

Subject Category: Hearing.

Descriptors: Auditory Brainstem Responses. Neonate. Universal Hearing Screening. Newborn Hearing Screening. Otoacoustic Emission.

369. **Gentamicin: Problem or Solution?**

Author(s): Haybach, P. J.

Source: Portland, OR. Vestibular Disorders Association. 2004.

Availability: Available from the Vestibular Disorders Association. P.O. Box 13305, Portland, OR 97213. Voice: (800) 837-8428. E-mail: veda@vestibular.org. Website: <http://www.vestibular.org>. PRICE: \$3 members, \$4 non-members per single copy.

Language: English.

Abstract: This article discusses the unintentional damage to the inner ear hearing components and balance components often caused by the body-wide use of the antibiotic gentamicin. The result of this damage is often deterioration in balance and hearing loss. The author offers solutions to lessen these incidents.

Subject Category: Hearing.

Descriptors: Dizziness. Vertigo. Antibiotic Side Effects. Balance Problems. Hearing Loss. Inner-Ear Disorder. Inner-Ear Damage. Medication Side Effects. Prescription Drugs.

370. **Topical Antibiotics: Strategies for Avoiding Ototoxicity.**

Author(s): Haynes, D. S.

Source: ENT: Ear, Nose and Throat Journal. 83(1): 12-13. January 2004.

Availability: Available from Medquest Communications LLC, 3800 Lakeside Avenue, Suite 201, Cleveland, OH 44114. (216) 391-9100. E-mail: circulation@entjournal.com. Web site: <http://www.entjournal.com/>.

Language: English.

Abstract: This report is from a panel discussion sponsored by Alcon Laboratories during the annual meeting of the American Academy of Otolaryngology-Head and Neck Surgery; Sept. 23, 2003; Orlando, Fla. The report focuses on the dangers associated with ototoxic agents--specifically cochlear and/or vestibular ototoxicity.

Subject Category: Hearing.

Descriptors: Hearing Loss. Ear Disorder Treatment. Medical Care.

371. **Comparison of Custom Sounds for Achieving Tinnitus Relief.**

Author(s): Henry, J. A., Rheinsburg, B., Zaugg, T.

Source: American Academy of Audiology. Reston, VA. 15(8):585-98. September 2004.

Availability: Available from the American Academy of Audiology. Publications, 11730 Plaza America Drive, Suite 300, Reston, VA 20190. Voice: 800-AAA-2336; 703-790-8466. Fax: 703-790-8631. Web site: <http://www.audiology.org/>.

Language: English.

Abstract: The purpose of this pilot study is to determine the most effective of custom sounds (maskers) that are designed to promote tinnitus relief for 21 subjects. The subjects sat in booths and listened to white noise and custom sounds available commercially for providing tinnitus relief. Three sound formats (E-Water, E-Nature, and E-Air) were provided by the Dynamic Tinnitus Mitigation (DTM-6a) system (Petroff Audio Technologies, Inc.). Additionally, seven sounds were provided by the Moses/Lang CD7 system (Oregon Hearing Research Center). As a group, the data show all of the sounds provided a significant reduction in tinnitus annoyance relative to the annoyance of tinnitus alone. In addition, two of the commercial sounds (DTM E-Nature and E-Water) were judged significantly more effective than the other sounds. The subjects for this study are all involved in other ongoing tinnitus studies at the research facility. The criteria for his particular study required subjects to report tinnitus annoyance that was at least 'moderately annoying' when attended to consciously. The subjects used the Tinnitus Annoyance Scale (Table 1 in the report) to judge annoyance level.

Subject Category: Hearing.

Descriptors: Hearing Disorders. Perceptual Masking. Tinnitus.

372. **ALD Applications: FM Systems Should Fit Individual Needs.**

Author(s): Henry, P. K.

Source: In: ADVANCE for Speech-Language Pathologists and Audiologists. 14(32):12. August 2004.
Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. 610-278-1400. E-mail: advance@merion.com. Website: www.advanceweb.com.

Language: English.

Abstract: This article presents an overview of FM technology and how audiologists can utilize these systems, in conjunction with hearing aids, to improve signal-to-noise ration for deaf and hard-of-hearing clients.

Subject Category: Hearing.

Descriptors: Hearing Assistive Devices. Hearing Loss. Deafness. FM Systems. FM Technology. Hearing Aids.

373. *Emergency Preparedness: What You Can Do.*

Author(s): Heppner.C.A.

Source: Hearing Loss. Bethesda, MD. 25(1):13 Jan/Feb 2004.

Availability: Available from Self help for Hard of Hearing People. 7910 Woodmont Avenue, Suite 1200, Bethesda, MD 20814. Voice: (301) 657-2248. TTY (301) 657-2249. Web site: www.shhh.org.

Language: English.

Abstract: Emergency preparedness tips for persons with hearing loss from the director of the Northern Virginia Resource Center for Deaf and Hard of Hearing Persons (NVRC).

Subject Category: Hearing.

Descriptors: Hearing Loss. Emergency Warning Systems. Weather Emergency. Emergency Preparedness. Telecommunications Act.

374. *Auditory Processing Efficiency and Temporal Resolution in Children and Adults.*

Author(s): Hill, P. R.

Source: In: Journal of Speech, Language, and Hearing Research: Speech. (47)5:1022-1029. October 2004.

Availability: Available from American Speech-Language-Hearing Association. 10801 Rockville Pike, Rockville, MD 20852. (888) 498-6699. TTY (301) 897-0157. Web site: <http://www.asha.org>.

Language: English.

Abstract: In this article researchers report on a study to examine the competing hypotheses of 'temporal resolution' and 'efficiency' by measuring backward masking (BM) as a function of signal-to-masker interval in children and adults. The children manifested significantly higher thresholds than the adults at each of the intervals. Subsequent modeling and analyses showed that the data for both children and adults were best fitted using the same, fixed temporal window. The researchers conclude that the differences in BM threshold between adults and children were not due to differences in temporal resolution but to reduced detection efficiency in the children.

Subject Category: Hearing.

Descriptors: Backward Masking. Auditory Processing Disorder. Internal Noise. Attention.

375. *Trade-Offs Between Informativeness and Speed of Message Delivery in Augmentative and Alternative Communication.*

Author(s): Hoag, L. A.

Source: Journal of Speech, Language, and Hearing Research. (47)6:1270-85. December 2004.

Availability: Available from American Speech-Language-Hearing Association. 10801 Rockville Pike, Rockville, MD 20852. (888) 498-6699. TTY (301) 897-0157. Web site: <http://www.asha.org>.

Language: English.

Abstract: In this paper the authors review a study that examines trade-offs between the informativeness of a prestored message and its speed of delivery and report the study findings. (This report is the second in a series of investigations designed to develop a working model identifying the effects of trade-offs between selected conversational maxims on public attitudes toward augmentative and alternative communication (AAC) system users and their communication.) In this current study the participants were 96 salesclerks. Sixteen scripted, videotaped conversational conditions, involving an AAC customer and a clerk at a checkout counter, were used to manipulate message informativeness and speed of message delivery. Following each assigned viewing, participants completed a questionnaire designed to assess their attitudes toward the AAC user and his or her communication. The authors discussion include implications regarding a model of conversational trade-offs and

technological applications.

Subject Category: Speech. Hearing.

Descriptors: Augmentative and Alternative Communication. Utterance-Based Computer Systems. Theory Development. Public Attitudes. Maxim Violations.

376. *The Penetrating Electrode Auditory Brainstem Implant (PABI).*

Author(s): House Ear Institute.

Source: In: ADVANCE for Speech-Language Pathologists and Audiologists. 14(23):13 June 2004.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. 610-278-1400. E-mail: advance@merion.com. Website: <http://www.advanceforspanda.com/>.

Language: English.

Abstract: Seeking to match the performance of cochlear implants, the House ear Institute (HEI) in Los Angeles, CA has developed the penetrating electrode auditory brainstem implant (PABI). This system is described as the first of its kind to try to provide hearing sensations to people who are deaf, and the first brain implant to replace a human sense. To date five patients in the United States have received the PABI. This article talks about this new technological milestone in auditory devices.

Subject Category: Hearing.

Descriptors: Listening Assistive Device. Hearing Assistive Technology. Auditory Devices. Deafness. Audiology.

377. *Speech Perception by Students With Cochlear Implants Using Sound-Field Systems in Classrooms.*

Author(s): Iglehart, F.

Source: In: American Journal of Audiology. 13(1)62. June 2004.

Availability: Available from American Speech-Language-Hearing Association. 10801 Rockville Pike, Rockville, MD 20852. Web site: <http://www.asha.org/>.

Language: English.

Abstract: Eighty percent of hearing impaired students with cochlear implants are using sound-field systems to improve audition in classrooms. This article reports on a study that compares speech perception by fourteen school-age cochlear implant recipients via two classroom sound-field systems, one wall-mounted and the other a personal, or desktop, system. Testing was conducted in two classroom environments, one noisy and reverberant (typical of many classrooms) and the other ideally quiet with reverberation of short duration. In the quiet room with low reverberation, both sound-field systems produced improved phoneme recognition, but there was no difference between the two. In the noisy room with high reverberation, the sound-field benefits were greater, and the desktop systems provided more benefit than the wall-mounted systems.

Subject Category: Hearing. Speech.

Descriptors: Hearing Assistive Devices. FM Systems. Hearing Impaired Students. Cochlear Implants. Deafness. Communication.

378. *Balance Disorders in the Elderly.*

Author(s): Ives, T. E.

Source: In: ADVANCE for Speech-Language Pathologists and Audiologists. 14(15):22. April 2004.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. 610-278-1400. E-mail: advance@merion.com. Website: <http://www.advanceforspanda.com/>.

Language: English.

Abstract: According to the writer of this article, more than half of the U.S. population will experience a balance or vestibular disorder in their lifetime, and balance disorders are the number one health complaint of patients over seventy. The author discusses the medical and social implications of vestibular disorders in the elderly population.

Subject Category: Hearing. Balance.

Descriptors: Balance Disorder. Dizziness. Vestibular Disorder.

379. *Speech Intelligibility of Young School-Aged Children in the Presence of Real-Life Classroom Noise.*

Author(s): Jamieson, D. G., Kranjc, G., Yu, K., Hodgetts, W. E.

Source: American Academy of Audiology. Reston, VA. 15(7):508-17.

July/August 2004.

Availability: Available from the American Academy of Audiology. Publications, 11730 Plaza America Drive, Suite 300, Reston, VA 20190. Voice: 800-AAA-2336; 703-790-8466. Fax: 703-790-8631. Web site: <http://www.audiology.org/>.

Language: English.

Abstract: In this study the researchers examined the ability of 40 young children (ages 5-8) to understand speech (monosyllables, spondees, trochees, and trisyllables) when listening in a background of real life classroom noise. The findings include the following: all children had some difficulty understanding speech when the noise was at levels found in many classrooms (i.e., 65 dBA), but, at an intermediate (-6 dB SNR) level; kindergarten and grade 1 children had much more difficulty than did older children. Conversely, all children performed well in quiet, with results being comparable to or slightly better than those reported in previous studies. According to the research team, these results indicate that the youngest children in the school system, whose classrooms also tend to be among the noisiest, are the most susceptible to the effects of noise.

Subject Category: Speech. Hearing.

Descriptors: Classroom Noise. Signal-to-Noise Ratio. Speech Intelligibility.

380. **Recording Auditory Steady-State Responses in Young Infants.**

Author(s): John, M. S., Brown, D. K., Muir, P. J., Picton, T. W.

Source: Ear and Hearing: Journal of The American Auditory Society. 25(6): 539-53. December 2004.

Availability: Available from Lippincott Williams and Wilkins. 530 Walnut Street, Philadelphia, PA 19106-3621. Voice: (215) 521-8300. Website: <http://www.ear-hearing.com>.

Language: English.

Abstract: A summary of a study that examines the auditory steady-state responses (ASSRs) evoked by amplitude-modulated (AM), mixed-modulated (MM), and exponentially-modulated (AM2) tones in 50 newborn infants, within 3 days of birth, and in 20 older infants, within 3-15 weeks of birth. Multiple ASSRs were evoked by 0.5, 1, 2, and 4 kHz stimuli modulated between 78 and 95 Hz and presented at 50 dB SPL. The report details results for both newborn and older infants and findings that indicate the following: using MM and AM2 stimuli will increase the reliability/efficiency of evoked potential audiometry in infancy; ASSRs at 50 dB SPL are more easily detected at 3-15 wk of age than just after birth; comprehensive frequency-specific testing of hearing using steady-state responses will likely be more accurate if postponed until after the immediate neonatal period.

Subject Category: Hearing.

Descriptors: Infant Hearing. Newborn Screening. Infant Hearing Assessment.

381. **Cochlear Hyperacusis and Vestibular Hyperacusis.**

Author(s): Johnson, M.

Source: Vestibular Disorders Association. 2004.

Availability: Available from the Vestibular Disorders Association. P.O. Box 13305, Portland, OR 97213. (800) 837-8428. E-mail: veda@vestibular.org. Website: <http://www.vestibular.org>. PRICE: \$3 member, \$4 non-member per single copy.

Language: English.

Abstract: This brochure presents an overview of cochlear hyperacusis and vestibular hyperacusis and a comparison of the disorders. The author discusses causes and characteristics, testing, and treatment innovations for these disorders. The information is intended for patients and health professionals.

Subject Category: Hearing. Balance.

Descriptors: Balance Dysfunction. Vertigo. Dizziness. Audiogenic Seizure Disorder. Inner-Ear Damage. Acoustic Therapies. Hearing Tests. Electroencephalography.

382. **Rural Health Research/Aging: Nonmetro Residence, Hearing Loss, and Accommodation Among Elderly People.**

Author(s): Johnson, N. E.

Source: In: The Journal of Rural Health. 20(2):136. Spring 2004.

Availability: Available from the National Rural Health Association, Publications Department, One West Armour Blvd., Suite 203, Kansas City, MO 64111. (816) 756-3140; Fax: (816) 756-3144. E-mail:

pubs@nrharural.org. Website: <http://www.nrharural.org/>.

Language: English.

Abstract: This report presents details about a study conducted to compare the prevalence of physiological hearing loss among older adults by nonmetro/metro residence and the successes of hearing aid use in these circumstances. The study analyzes 8,222 respondents to Wave 1 (1993-1994) of the national Asset and Health Dynamics Among the Oldest Old (AHEAD) Survey. Some findings show that: nonmetro residents had the same odds as metro residents of having no residual hearing loss when a hearing aid was worn (versus having physiologically normal hearing); the risk for nonmetro residents was much greater than their metro counterparts for having a hearing loss but no hearing aid or a residual hearing loss even when wearing a hearing aid. The status of either of these occurrences was greater by association than by age. The authors conclude that future studies should add nonmetro residence to the list of risk factors for negative hearing outcomes, especially since the percentage of elderly nonmetro residents is likely to grow over the next twenty years.

Subject Category: Hearing.

Descriptors: Rural Health Research. Hearing Research. Hearing Aid. Deafness. Hearing Loss. Hearing Impairment. Elderly.

383. **Vestibular Neuritis, or Driving Dizzily Through Donegal.**

Author(s): Johnson, R. T.

Source: In: New England Journal of Medicine 2004. 351(4):322-23.

Availability: Available from the Johns Hopkins University School of Medicine and Bloomberg School of Public Health, Baltimore.

Language: EN.

Abstract: In this article the author discusses advances in diagnosis and care of vestibular neuritis and uses as a case study his own experience to a sudden onset of vertigo 10 years ago.

Subject Category: Balance. Hearing.

Descriptors: Dizziness. Vertigo. Vestibular Disorder. Vestibular Neuritis. Balance Disorder. Treatment. Diagnosis.

384. **Myringoplasty.**

Author(s): Jones, R. O.

Source: In: Middle Ear and Mastoid Surgery: Haberman, R. S., ed. York, PA. Thieme 2004. pp. 5-11.

Availability: Available from Thieme New York. 333 Seventh Avenue, New York, NY 10001. Toll-free: (800) 782-3488. Fax: (212) 947-1112. E-mail: customerservice@thieme.com. Web site: <http://www.thieme.com>. ISBN: 1-5889-0173-4. PRICE: \$109 plus shipping and handling.

Language: EN.

Abstract: This chapter from the text Middle Ear and Mastoid Surgery describes simple myringoplasty, a corrective measure for perforation injuries to the tympanic membrane. The author covers diagnostic procedures, postoperative assessment methods, the operative procedures, and discusses results and benefits. Includes figures and references.

Subject Category: Hearing.

Descriptors: Tympanic Membrane Surgery. Middle Ear Surgery. Ossicular Chain Surgery. Hearing Therapy. Hearing Loss Correction. Ear Perforation. Otology.

385. **Auditory Processing Disorders.**

Author(s): Keith, R. W.

Source: In: Auditory Disorders in School Children, Fourth Edition. Roeser, R.J.; Downs, M.P., ed. York, PA. Thieme 2004. 124-46.

Availability: Available from Thieme New York. 333 Seventh Avenue, New York, NY 10001. Toll-free: (800) 782-3488. Fax: (212) 947-1112. E-mail: customerservice@thieme.com. Web site: <http://www.thieme.com>. ISBN: 1-58890-228-5. PRICE: \$59 plus shipping and handling.

Language: English.

Abstract: In this chapter of the fourth edition of Auditory Disorders in School Children the author discusses approaches to the assessment of auditory processing amid the identification of children with auditory processing disorders (APDs). Over the years the term 'auditory processing disorders' has evolved and is variously described as a central auditory processing disorder (CAPD), auditory perceptual disorder, auditory language-learning disorder, and auditory processing disorder (APD). APD is the term the author uses in this chapter.

Subject Category: Hearing. Speech.

Descriptors: Auditory Processing Disorder. Childhood Deafness. Deaf Children. Hard-of-Hearing Children. Learning Disabilities. Special Education Programs.

386. **The MIT Encyclopedia of Communication Disorders.**

Author(s): Kent, R. D.

Source: MIT Press. Cambridge, MA. February 2004. ISBN: 0-262-112787-7. 618p.

Availability: Available from The MIT Press. 5 Cambridge Center, Cambridge MA 02142-1493. 800-405-1619. E-mail: mitpress-orders@mit.edu. Web site: <http://www.mitpress.mit.edu>. PRICE: \$95 plus shipping.

Language: English.

Abstract: This reference book was written for both research and clinicians working in the field of communication and speech disorders. It offers almost 200 detailed entries, covering the entire range of communication and speech disorders in children and adults, from basic science to clinical diagnosis. This encyclopedia is divided into four sections that reflect the standard categories within the field: Voice, Speech, Language, and Hearing. Within each category, entries are organized into three subsections: Basic Science, Disorders, and Clinical Management. Basic Science includes relevant information on normal anatomy and physiology, physics, psychology and psychophysics, and linguistics; this provides a scientific foundation for entries in the other subsections. The entries that appear under Disorders offer information on the definition and characterization of specific disorders, and tools for their identification and assessment. The Clinical Management subsection describes appropriate interventions, including behavioral, pharmacological, surgical, and prosthetic. Topics covered include cochlear implants for children and adults, pitch perception, tinnitus, alaryngeal voice and speech rehabilitation, neural mechanisms of vocalization, holistic voice therapy techniques, computer-based approaches to children's speech and language disorders, neurogenic mutism, regional dialect, agrammatism, global aphasia, and psychosocial problems associated with communicative disorders. Many topics include separate entries that reflect the differences in approach to communication disorders for children and adults. 128 illustrations.

Subject Category: Voice. Speech. Language. Hearing.

Descriptors: Communication Disorder. Speech Disorder. Clinical Management. Hearing Disorder. Language Disorder. Linguistics. Behavior Disorder. Social Skills Development. Deafness. Hearing Assistive Devices. Hearing Technology. Speech Rehabilitation. Voice Rehabilitation. Children With Disabilities. Audiology. Voice Therapy. Birth Disorders. Children Language Disorders. Infant Deafness.

387. **Myths About Hearing in Noise and Directional Microphones.**

Author(s): Killion, M. C.

Source: The Hearing Review. February 2004. 11(2):14.

Availability: Correspondence can be addressed to HR or Mead C. Killion, PhD, Etymotic Research, Elk Grove Village, IL 60007. E-mail: abonso@aol.com.

Language: English.

Abstract: Abundant evidence indicates that every hearing aid dispensed should feature a directional microphone. Yet only 20 percent to 30 percent of all hearing aids do. One reason is as few as eight percent of dispensing professionals may have access to the HINT or QuickSin, and as many as half of all patients may be leaving offices with a 5 dB SNR hearing loss. In this context, it is little wonder that some patients complain that they hear better without hearing aids. This article is a continuation of a three-part series on this subject. Includes charts and references.

Subject Category: Hearing.

Descriptors: Hearing Aids. Hearing Technology. Directional Microphones.

388. **Diagnostic, Pathophysiologic, and Therapeutic Aspects of Benign Paroxysmal Positional Vertigo.**

Author(s): Korres, S. G., Balatsouras, D. G.

Source: Otolaryngology-Head and Neck Surgery. 131(4): 438-43. October 2004.

Availability: Available from Elsevier Science. (800) 654-2452. Fax: (212) 633-3820. E-mail: reprints@elsevier.com. Web site: www.us.elsevierhealth.com.

Language: EN.

Abstract: In introducing this report, the authors state the following points: benign paroxysmal positional vertigo is the most common peripheral vestibular disorder; the disorder is transient vertigo induced by a rapid head position change, associated with a characteristic paroxysmal positional nystagmus; canalolithiasis of the posterior semicircular canal is considered the most convincing theory of its pathogenesis and the development of appropriate therapeutic maneuvers resulted in its effective treatment. The authors state also that involvement of the horizontal or the anterior canal has been found in a significant rate and the recognition and treatment of these variants completed the clinical picture of the disease. This paper describes the advances in understanding how this disease is generated and discusses the current therapeutic modalities.

Subject Category: Hearing. Balance.

Descriptors: Balance Disorder. Benign Paroxysmal Positional Vertigo. Dizziness.

389. **Clinical Observations: Visual Preference and Vestibular Deficiency.**

Author(s): Kramer, J.

Source: Vestibular Disorders Association Newsletter: On the Level 21(2):5. Spring 2004.

Availability: Available from the Vestibular Disorders Association. P.O. Box 4467, Portland, OR 97208-4467. Voice: (800) 837-8428. E-mail: veda@vestibular.org. Web site: <http://www.vestibular.org>. PRICE: \$3 per issue plus shipping and handling for back issues.

Language: English.

Abstract: Dr Kramer shares his experiences treating and managing patients with neurovestibular disorders--specifically dizziness and balance dysfunctions that include benign positional vertigo, acute labyrinthitis, multiphysiologic disequilibrium; mal de debrquement, and other undefined vestibular deficiencies.

Subject Category: Hearing. Balance.

Descriptors: Inner Ear Disorder. Vestibular Disorder. Balance Disorder. Vertigo. Dizziness. Neurovestibular Disorder.

390. **Minimizing Acquired Sensorineural Hearing Loss.**

Author(s): Kujawa, S. G.

Source: In: The ASHA Leader. (9)7:10 April, 2004.

Availability: Available from American Speech-Language-Hearing Association. 10801 Rockville Pike, Rockville, MD 20852. Web site: <http://www.professional.asha.org>.

Language: English.

Abstract: In this article the author discusses advances in hearing loss research that seek to understand the molecular bases for some types of hearing loss. Two specific research programs are covered: the first aims to identify genetic contributions to acquired sensorineural hearing loss (SNHL) susceptibility, the other will apply information from the first program, as well as from other pharmacologic and molecular advances, to the goal of developing targeted inner ear therapies to prevent or minimize SNHL in humans.

Subject Category: Hearing.

Descriptors: Hearing Disorder. Deafness. Hearing Loss Research. Sensorineural Hearing Loss. Hearing Loss Therapy.

391. **Public School Cued Speech Program for Children With Hearing Loss and Special Learning Needs.**

Author(s): LeBlanc, B. M.

Source: In: The Volta Review: Multiple Challenges-Multiple Solutions: Children With Hearing Loss and Special Needs. Perigoe, C.B.; Perigoe, R., Eds. Washington, DC. The Volta Review 104(4):327-338. 2004.

Availability: Available from the Alexander Graham Bell Association for the Deaf and Hard of Hearing. Publications Department, 3417 Volta Place, NW, Washington, DC 20007. (202) 337-5220 or (202)337-5221 (TTY). Website: www.agbell.org.

Language: English.

Abstract: The chapter, which focuses on language and literacy skills, describes a public school Cued Speech program used by a Louisiana public school system. For the past 9 years, this public school system has included both regular and special education instructors in the children's programming. As a team, they design individualized goals and accommodations that are similar to those set for the children's peers with normal hearing and similar learning needs. The programming includes Cued Speech; intensive speech, language, and listening training; use of

assistive-listening devices; early intervention for the development of reading, writing, and general knowledge; annual assessment; identification of specific learning styles; and mainstreaming. As a result, the students with hearing loss who have special learning needs have been able to meet state standards in mathematics and language arts. 2 tables. 21 references. (AA-M).

Subject Category: Hearing. Language. Speech.

Descriptors: Children. Hearing Loss. Multiple Disabilities. Cued Speech. Public Schools. Special Education. Educational Methods.

392. ***Hearing Technology at a Crossroads: What Happens Now Will Set the Stage For the Future.***

Author(s): Levitt, H.

Source: ADVANCE for Speech-Language Pathologists and Audiologists. 14(41):14. October 2004.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. 610-278-1400. E-mail: advance@merion.com. Website: www.advancweb.com.

Language: EN.

Abstract: According to the author of this article, the development of the hearing aid has followed an analogous sequence, with a few falls along the way. The author discusses hearing aid designs, inventions, advances and obstacles, and industry predictions for the future.

Subject Category: Hearing.

Descriptors: Hearing Aid Research. Hearing Aid. Hearing Technology. Hearing Loss. Hearing Disorder. Hearing Assistive Devices.

393. ***Ask the Doctor: Dr. Lustig Answers Your Questions About The Hearing Pill.***

Author(s): Lustig, L.

Source: Hearing Loss. Sept/Oct 2004. Page 10.

Availability: Available from Self help for Hard of Hearing People. 7910 Woodmont Avenue, Suite 1200, Bethesda, MD 20814. Voice: (301) 657-2248. TTY (301) 657-2249. Web site: www.shhh.org.

Language: EN.

Abstract: This article is in response to questions Self help for Hard of Hearing People (SHHH) received from its newsletter subscribers regarding a new pill manufactured by American BioHealth Group LLC. The manufacturer promises that the pill can save hearing. Dr. Lustig explains that the Hearing Pill is mainly an antioxidant and the idea for the pill is based on several prior studies that show if you give antioxidants to an animal, and then deliver a noise loud enough to cause inner-ear damage, the animal that received the drug will have almost complete prevention of hearing loss.

Subject Category: Hearing.

Descriptors: Hearing Loss Prevention. Hearing Loss Research. Hearing Loss Treatment.

394. ***Language Learning Practices With Deaf Children, Third Edition.***

Author(s): McAnally, P. L., Rose, S., Quigley, S. P.

Source: Austin, Texas. PRO-ED, Inc. 2004. ISBN 0-89079-927-X. Large format paperback, 302 pp.

Availability: Available from PRO-ED, Inc. 8700 Shoal Creek Boulevard, Austin, Texas 78757-6897. 800-897-3202; Fax: 800-397-7633. E-mail: proed@proedinc.com. Web site: www.proedinc.com. PRICE: \$45 plus shipping and handling.

Language: EN.

Abstract: This text provides future and practicing teachers of deaf children with basic theoretical and research knowledge as well as specific principles and practices for fostering the development of language and reading. In this third edition of Language Learning Practices with Deaf Children, the authors have added a section on language assessment in Chapter 7 addressing high-stakes or large-scale testing and a new chapter on special programs, including ASL-English programs for children from multicultural homes and technology for language learning. An Appendix has been added with an annotated list of Internet Web sites that may be useful to teachers, parents, and pre-service teachers as well as others interested in language practices with children who are deaf.

Subject Category: Hearing. Language.

Descriptors: Language Development. Children. Deaf Persons. Hearing Impaired Persons. Educational Methods. Theories. Education of the Hearing Impaired. Reading. Writing. Reading Instruction. Language

Therapy. Bilingualism. Auditory-Oral Method. Syntax. Teaching Strategies.

395. ***Bioethics of Genetic Testing.***

Author(s): MdBio Inc.

Source: Frederick, MD. MdBio, Inc.

Availability: Available from MdBio, Inc. 1003 West 7th St., Suite 202 Frederick, MD 21701. 301-228-2445; 800-863-5994 FAX. E-mail: info@mdbio.org. Web site: http://www.mdbio.org/.

Language: English.

Abstract: This 2-part video lesson explores the issues surrounding genetic testing. Without taking sides, the lesson allows students to come to their own conclusion about whether they would or would not take a genetic test. The video begins with the National Cancer Institute's Understanding Gene Testing, a 25-minute segment featuring a series of 39 slides that examine the science underlying genetic testing. This session prepares students to tackle the bioethical issues surrounding genetic testing. The second 15-minute video segment--The Cutting Edge from BAPA's Imagination Stage, depicts a teenager has to decide on getting tested for the 'blind gene' that has caused her sister to lose her sight. Both pro and con viewpoints are brought to Casey's attention as she ponders her final decision. The teaching toll includes a teacher's guide to help educators lead students through an examination of this bioethical dilemma. VHS video; teacher's guide; and worksheets.

Subject Category: Language. Speech. Hearing.

Descriptors: Genetic Testing. Birth Defects. Teachers Resource. Educational Resource. Bioethics.

396. ***Speech Recognition in Fluctuating and Continuous Maskers: Effects of Hearing Loss and Presentation Level.***

Author(s): Molis, M. R.

Source: In: Journal of Speech, Language, and Hearing Research: Speech. (47)2:245-55. April 2004.

Availability: Available from American Speech-Language-Hearing Association. 10801 Rockville Pike, Rockville, MD 20852. (888) 498-6699. TTY (301) 897-0157. Web site: http://www.asha.org.

Language: English.

Abstract: In this article the author reports on a two-level study experiment to examine how presentation level influenced the performance of normal-hearing listeners (NH) and listeners with hearing impairments (HI) in fluctuating and steady state maskers for speech levels ranging from 60 to 90 dB SPL. The primary focus of the study was how presentation level influenced the abilities of NH listeners and listeners with HI to benefit from masker fluctuations; a secondary focus was on the mechanisms of the masking effects from the competing background stimulation. In this study listeners with normal-hearing (NH) sensitivity and listeners with hearing impairment (HI) were tested for sentence recognition at moderate and high presentation levels in competing speech-shaped noise, in competing speech by a single talker, and in competing time-reversed speech by the same talker. The results and findings are reported in this article.

Subject Category: Hearing.

Descriptors: Hearing Loss. Hearing Loss Research. Speech Recognition Screening. Hearing Impaired.

397. ***Cluttering: Specialists Work To Put It on The Map of Fluency Disorders.***

Author(s): Mosheim, J.

Source: ADVANCE for Speech-Language Pathologists and Audiologists. 14(47):6-9. November 2004.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. 610-278-1400. E-mail: advance@merion.com. Website: www.advancweb.com.

Language: English.

Abstract: This article discusses cluttering, a speech impairment defined as a rare fluency disorder characterized by an abnormal speech delivery rate and frequent disfluencies, unlike those found in stuttering. The contributors to the article are researchers with twenty years experience with this disorder. In the article the authors discuss identification, treatment, and research related to cluttering.

Subject Category: Language. Speech. Hearing.

Descriptors: Speech Disorder. Speech Research. Language Processing. Language Motor Skills. Language Perception.

398. ***Fun With a Special Focus: Camps for Children With Developmental, Speech, and Hearing Disorders.***

Author(s): Mosheim, J.

Source: ADVANCE for Speech-Language Pathologists and Audiologists. 14(11):10. March 2004.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. 610-278-1400. E-mail: advance@merion.com. Website: www.advancweb.com.

Language: English.

Abstract: More summer camps are being developed for children with special needs. The year 2004 Annual Camp Edition of ADVANCE highlights programs for children with cochlear implants in Dallas, TX; developmental disabilities in Nashville, TN; hearing impairment in Washington, DC; and fluency disorders in Wichita, KS.

Subject Category: Hearing. Language. Speech.

Descriptors: Special Needs Children. Developmental Disabilities. Speech Disorder. Children With Cochlear Implants. Recreation for Special Needs Children. Summer Camp. Behavior Disorder. Autism. Stuttering.

399. ***FM Technology: Optimal Listening for Young Children.***

Author(s): Mosheim, J.

Source: In: ADVANCE for Speech-Language Pathologists and Audiologists. 14(25):12. June 2004.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. 610-278-1400. E-mail: advance@merion.com. Website: www.advancweb.com.

Language: English.

Abstract: In his article, the author states that premature babies exposed to ototoxic drugs are at risk for early hearing loss. The author also states that though gentamicin can kill disease-causing bacteria, the antibiotic also can kill hair cells in both ears, resulting in hearing loss, tinnitus and balance problems. In his article the author discusses managing hearing loss in small children, with a focus on the advantages of coupling an FM system to the children's hearing aids. The author concludes that, with hearing loss being the No. 1 birth defect in the United States, the need for well-trained pediatric audiologists to provide appropriate diagnostic and follow-up services, including amplification, is obvious.

Subject Category: Hearing.

Descriptors: Children. Hard-of-Hearing Children. Deaf Children. Assistive Listening Devices. Hearing Aid. Children With Hearing Loss. Deafness.

400. ***The Influence of Multiple Presentations on Judgments of Children's Phonetic Accuracy.***

Author(s): Munson, B., Brinkman, K. N.

Source: In: American Journal of Speech-Language Pathology. (13)4:341-54. November 2004.

Availability: Available from American Speech-Language-Hearing Association. 10801 Rockville Pike, Rockville, MD 20852. (888) 498-6699. TTY (301) 897-0157. Web site: <http://www.asha.org>.

Language: English.

Abstract: Two experiments examined whether listening to multiple presentations of recorded speech stimuli influences the reliability and accuracy of judgments of children's speech production accuracy. In Experiment 1, 10 listeners phonetically transcribed words produced by children with phonological impairments after a single presentation and after the word was played 7 times. The researchers find that inter- and intratranscriber reliability in the single- and multiple-presentation conditions did not differ significantly. In Experiment 2, 18 listeners provided binary correct/incorrect judgments of /s/ accuracy in single- and multiple-presentation conditions. The findings show no systematic effect of presentation condition on either accuracy or intrarater reliability but show greater interrater reliability in the multiple-presentation condition, particularly for tokens of /s/ that were incorrect or acoustically intermediate between an incorrect and a correct /s/. As a whole the study results suggest that multiple presentations have no measurable effect on the accuracy and intrarater reliability of judgments of children's phonetic accuracy, but that they do have a small effect on interrater reliability. The authors also discuss the clinical implications.

Subject Category: Speech. Hearing.

Descriptors: Phonological and Articulation Disorders. Speech Disorders. Speech Assessment. Speech Perception.

401. ***Assessment and Remediation of An Auditory Processing Disorder Associated With Head Trauma.***

Author(s): Musiek, F. E., Baran, J. A., Shinn, J.

Source: American Academy of Audiology. Reston, VA. 15(2):117-32. February 2004.

Availability: Available from the American Academy of Audiology. Publications, 11730 Plaza America Drive, Suite 300, Reston, VA 20190. Voice: 800-AAA-2336; 703-790-8466. Fax: 703-790-8631. Web site: <http://www.audiology.org/>.

Language: English.

Abstract: This case study report highlights a number of important clinical characteristics and features associated with minor head injury, specifically that: auditory deficits can be a sequel to minor head injury; these deficits are often subtle and may not be detected unless central auditory testing is conducted; and these deficits may be amenable to remediation. The case involves a 41-year-old female patient who sustained a mild traumatic brain injury during a horseback riding accident. The patient was seen for medical and neuropsychological testing following the accident and subsequently referred to a speech-language pathologist for rehabilitative services. After 13 months the patient had little progress and requested an audiologic work-up. The results revealed normal peripheral hearing and significant central auditory deficits. Based on these findings, an auditory rehabilitation program was developed and implemented. The components of this patient's rehabilitation program and the post-therapy improvements noted in her auditory functions are reviewed here.

Subject Category: Hearing.

Descriptors: Auditory Evoked Potentials. Auditory Perceptual Disorder. Auditory Processing Disorder. Central Auditory Processing Disorder. Head Injury. Traumatic Brain Injury.

402. ***Central Deafness Associated With A Midbrain Lesion.***

Author(s): Musiek, F. E., Charette, L., Morse, D., Baran, J. A.

Source: American Academy of Audiology. Reston, VA. 15(2):133-51. February 2004.

Availability: Available from the American Academy of Audiology. Publications, 11730 Plaza America Drive, Suite 300, Reston, VA 20190. Voice: 800-AAA-2336; 703-790-8466. Fax: 703-790-8631. Web site: <http://www.audiology.org/>.

Language: English.

Abstract: Central deafness is defined in this report as a relatively rare disorder but one that, if appropriately defined and investigated, can add much to the understanding of the specific anatomical structures within the human brain that are involved in the processing of auditory stimuli. The authors view this present investigation as having extended the understanding of the potential anatomical correlates to central deafness by demonstrating that bilateral involvement of an auditory structure within the midbrain can additionally result in this condition. This case report documents the range of auditory deficits that may be associated with damage to the inferior colliculi, and profiles a hierarchical recovery of auditory function consistent with test findings. The subject is a 21-year-old male with a subarachnoid bleed affecting both inferior colliculi. The subject showed significant auditory deficits for the middle and late auditory evoked potentials, while electrophysiologic measures of the periphery indicated normal function. The patient was enrolled in a rehabilitation program for approximately 14 weeks. Although initially unresponsive to sounds, the patient regained most of his auditory abilities during the 10 months he was followed.

Subject Category: Hearing.

Descriptors: Auditory Processing Disorder. Central Auditory Disorder. Central Deafness. Inferior Colliculus.

403. ***Assistive Devices.***

Author(s): Musket, C. H.

Source: In: Auditory Disorders in School Children, Fourth Edition. Roeser, R.J.; Downs, M.P., ed. York, PA. Thieme 2004. 306-22.

Availability: Available from Thieme New York. 333 Seventh Avenue, New York, NY 10001. Toll-free: (800) 782-3488. Fax: (212) 947-1112. E-mail: customerservice@thieme.com. Web site: <http://www.thieme.com>. ISBN: 1-58890-228-5. PRICE: \$59 plus shipping and handling.

Language: English.

Abstract: The term 'assistive device' is used within the discipline of audiology to refer to any device, other than personal hearing aids or a cochlear implant, designed to improve communication or awareness of

auditory signals in the environment for those with hearing loss. In this chapter of the fourth edition of *Auditory Disorders in School Children* the author provides an overview of the extensive and versatile array of assistive devices that could benefit students with hearing impairments and the federal laws that mandate and regulate many of these devices.

Subject Category: Hearing.

Descriptors: Auditory Processing Disorder. Hard-of-Hearing Children. Learning Disabilities. Assistive Listening Devices. Special Education Programs.

404. *Essentials of Hearing Aid Selection, Part 3: Perception Is Reality.*

Author(s): Mynders, J.

Source: *The Hearing Review*. February 2004. 11(2):22.

Availability: Correspondence can be addressed to HR or Joel Mynders, AP Mynders & Associates, Inc, 129 North Church St, West Chester, PA 19180.

Language: English.

Abstract: This third part of a 3-part series on the various methods of hearing aid selection examines how subjective responses can be used during the hearing aid selection process.

Subject Category: Hearing.

Descriptors: Hearing Aids. Hearing Assistive Devices. Choosing Hearing Aids.

405. *Lessons in Shooter Safety-You Can Prevent Hearing Loss: Always Wear Ear Protection While Shooting.*

Author(s): National Institute on Deafness and Other Communication Disorders (NIDCD).

Source: Bethesda, MD: National Institute on Deafness and Other Communication Disorders (NIDCD). 2004. [1 p.].

Availability: Available from NIDCD Information Clearinghouse. 1 Communication Avenue, Bethesda, MD 20892-3456. Voice: (800) 241-1044. TTY (800) 241-1055. Fax: (301) 907-8830. E-mail: nidcdinfo@nidcd.nih.gov. Website: www.nidcd.nih.gov. PRICE: Single copy free.

Language: EN.

Abstract: This 1-page fact sheet presents important information for individuals on a less often discussed aspect of firearm safety-hearing protection to avoid noise-induced hearing loss (NIHL). The fact sheet discusses causes of noise NIHL and prevention methods. Hearing protection for those using firearms includes wearing earplugs or earmuffs when shooting a rifle, shotgun, or pistol. This fact sheet is a production of WISE EARS(r), a coalition of government agencies, nonprofit organizations, businesses, industries and unions to prevent NIHL.

Subject Category: Hearing.

Descriptors: Hearing Protection. Noise Pollution. Noise-Induced Hearing Loss. Deafness. Hearing Impairment. Hearing Health. Prevention.

406. *Usher Syndrome: New Insights Lead to Earlier Treatment.*

Author(s): National Institute on Deafness and Other Communication Disorders (NIDCD).

Source: Bethesda, MD: National Institute on Deafness and Other Communication Disorders (NIDCD). February 2004. [4 p.].

Availability: Available from NIDCD Information Clearinghouse. 1 Communication Avenue, Bethesda, MD 20892-3456. Voice: (800) 241-1044. TTY (800) 241-1055. Fax: (301) 907-8830. E-mail: nidcdinfo@nidcd.nih.gov. Website: www.nidcd.nih.gov. PRICE: Single copy free. NIH Publication Number 98-4291A.

Language: EN.

Abstract: This NIDCD fact sheet discusses better treatment options for Usher syndrome, based on a recent discovery of a method by which to identify the disorder at birth. Usher syndrome is an inherited hearing and vision disorder. Children with Usher syndrome type I are usually born deaf or hearing-impaired in both ears and suffer an eye disorder called retinitis pigmentosa. With retinitis pigmentosa vision worsens over time. However, vision problems often don't appear until a child is older-around age 10 for those with the most severe form of Usher syndrome and age 20 for those with a less severe form.

Subject Category: Hearing.

Descriptors: Genetic Disorders. Usher Syndrome. Hearing Loss. Visual Impairment. Communication Strategies. Research. Deaf Blindness. Screening. Diagnosis. Symptoms.

407. *Rethinking Hearing Aid Occlusion.*

Author(s): Navarro, R.

Source: *In: The Hearing Review*. 11(3):42. March 2004.

Availability: Available from CurAnt Communications Inc., Publisher. 6701 Center Drive West, Suite 450, Los Angeles, CA 90045-1535. (310) 642-4400. (310) 641-0831 (Fax). Web site: www.hearingreview.com.

Language: English.

Abstract: In this article the author supports the idea that the hearing aid occlusion (HAO) effect is a distinctly different phenomenon from the threshold occlusion effect and offers the reader four reasons why HAO and threshold occlusion are two different things. The author concludes that dispensing professionals may need to rethink the process to develop more effective solutions to help solve patients' HAO complaints.

Subject Category: Hearing.

Descriptors: Hearing Aid Technology. Hearing Aid. Deafness. Hearing Impairment. Assistive Listening Devices. Audiology.

408. *The Relationship of Tinnitus, Hyperacusis, and Hearing Loss.*

Author(s): Nelson, J. J., Chen, K.

Source: *In: ENT: Ear, Nose and Throat Journal* 83(7):472. July 2004.

Availability: Available from Medquest Communications LLC, 3800 Lakeside Avenue, Suite 201, Cleveland, OH 44114. (216) 391-9100. E-mail: circulation@entjournal.com. Web site: http://www.entjournal.com/.

Language: English.

Abstract: The authors discuss the relationship among tinnitus, hyperacusis, and hearing loss which is described in the article as an often-underdiagnosed combination of symptoms that causes physical, mental, and emotional distress for millions of patients. The authors' position is that these symptoms may have a common pathophysiology--specifically, improper function of cochlear hair cells may result in a hearing loss secondary to the failure of these cells to propagate proper signals through the auditory centers. In addition, the authors believe that: in response to an incongruous neural message, higher auditory cortical centers may adapt and remodel transmitted sound; this neuroplasticity may lead to an increased perception of volume in the auditory cortex (hyperacusis) and to the perception of phantom sounds (tinnitus); awareness of the potential relationship among tinnitus, hyperacusis, and hearing loss may contribute to improved diagnosis, treatment, and follow-up for patients with these conditions.

Subject Category: Hearing.

Descriptors: Hearing Problems. Hearing Impairment. Hearing Loss. Tinnitus. Hyperacusis. Hyperacute Hearing. Noise Levels.

409. *Self-Reported Tinnitus and Noise Sensitivity Among Adolescents in Sweden.*

Rural Gifted Students Who Are Deaf or Hard of Hearing: How Electronic Technology Can Help.

Author(s): Olsen Widen, S. E., Erlandsson, S. I., Belcastro, F. P.

Source: *In: Noise & Health*. (7)25:29-40. October-December 2004. *American Annals of the Deaf*. 149(4): 309-13. Fall 2004.

Availability: Full-text article available online from www.igenta.com or address correspondence to University of Trollhattan-Uddevalla, Box 1236, S-462 28 Vanersborg, Sweden. E-mail: Stephen.Olsen@htu.se. Noise and Health: http://www.ucl.ac.uk/noiseandhealth/.

Language: English.;English.

Abstract: This report contains research data and findings from a hearing protection study. Subjects are high-school students (1285), aged 13 to 19 years, in the United Kingdom (UK). The data used is self-reported hearing-related symptoms, such as tinnitus and noise sensitivity. Results show the prevalence of permanent tinnitus and noise sensitivity, reported in the total group, was 8.7 percent and 17.1 percent respectively; permanent tinnitus was not significantly related to level of socio-economic status, but age-related differences in the prevalence rates of experienced tinnitus and noise sensitivity were found to be significant; older students reported such symptoms to a greater extent than younger students did; those who reported tinnitus and other hearing-related symptoms protected their hearing to the highest extent and were the most concerned.

This document lists Web sites for online college and high school courses, tutoring, and assistance to teachers of gifted students in rural areas who are deaf or hard of hearing. The author also recommends ways that legislatures and rural school districts can make Internet resources and assistive technology more widely available in rural educational settings.

Subject Category: Hearing.;Hearing.

Descriptors: Noise. Adolescent Health. Hearing Protection. Tinnitus. Noise Sensitivity. Teenage Hearing Health.;Rural Schools. Deaf Students. Hard-of-Hearing Students. Rural Educational Settings. Online Courses. Distance Learning.

410. **When Hearing Loss Occurs With Other Disabilities.**

Author(s): Parrish, R., Roush, J.

Source: Washington, DC. Volta Voices. 11(7):20-21. November 2004.

Availability: Available from Alexander Graham Bell Association for the Deaf and Hard of Hearing. 3417 Volta Place, NW, Washington, DC 20007. 202-337-5220; TTY: 202-337-5221; FAX: 202-337-8314. Web site: www.agbell.org.

Language: English.

Abstract: Information to aid parents raising children with hearing loss and one or more other disabilities. The authors encourage these parents to acquaint themselves with the laws and policies that provide such children with access to special education and medical services, as well as other issues and dynamics involved in caring and managing a child with multiple disabilities. The article provides additional resources related to these issues.

Subject Category: Hearing.

Descriptors: Infant Hearing Loss. Children. Hearing Impairment. Children With Disabilities. Deafness.

411. **Speech Intelligibility of Pediatric Cochlear Implant Recipients With 7 Years of Device Experience.**

Author(s): Peng, S., Spencer, L. J., Tomblin, J. B.

Source: Journal of Speech, Language, and Hearing Research. (47)6:1227-35. December 2004.

Availability: Available from American Speech-Language-Hearing Association. 10801 Rockville Pike, Rockville, MD 20852. (888) 498-6699. TTY (301) 897-0157. Web site: <http://www.asha.org>.

Language: English.

Abstract: The authors of this paper review an experiment in which speech intelligibility of 24 prelingually deaf pediatric cochlear implant (CI) recipients with 84 months of device experience was investigated. Among the key findings reported is that approximately 70 percent of a particular set of utterances produced by pediatric CI recipients, with 7 years of device experience, could be understood by unfamiliar listeners.

Subject Category: Hearing. Speech.

Descriptors: Cochlear Implants. Speech Intelligibility. Speech Development. Speech Production.

412. **Multiple Challenges-Multiple Solutions: Children With Hearing Loss and Special Needs.**

Author(s): Perigoe, C. B., Perigoe, R.

Source: Washington, DC. The Volta Review 104(4) [182 pp]. 2004.

Availability: Available from the Alexander Graham Bell Association for the Deaf and Hard of Hearing. Publications Department, 3417 Volta Place, NW, Washington, DC 20007. (202) 337-5220 or (202)337-5221 (TTY). Website: www.agbell.org.

Language: English.

Abstract: This monograph focuses on children who are deaf or hard of hearing and have additional disabilities. Chapters take readers through a series of stages in developing a greater understanding of children with hearing loss and other special needs. The first chapter addresses the issue of counseling parents of children with hearing loss and additional special needs. Chapter two reviews current epidemiological studies estimating the prevalence and incidence of permanent hearing loss in children. In chapter three, the author presents information on the psychological assessment of children with multiple handicaps who have hearing loss. The next two chapters focus on hearing loss among children who have attention deficit/hyperactivity disorder and children who are blind. Chapter six examines the degree of ethnic diversity that exists among children with hearing loss. The seventh chapter presents learning conditions developed by Brian Cambourne that form a framework for developing appropriate environments to foster language and literacy learning. In the eighth chapter, the author describes a public school Cued Speech program for children with hearing loss and special learning needs. Chapter nine describes the Association Method for children with hearing loss and special needs. The final two chapters focus on cochlear implants for children with hearing loss and special needs. 2 figures. 11 tables. Numerous references.

Subject Category: Hearing. Language. Speech.

Descriptors: Children. Hearing Loss. Multiple Disabilities. Epidemiology. Etiology. Counseling. Attention Deficit Disorder. Blindness. Literacy. Cued Speech. Public Schools. Cochlear Implants. Speech Perception.

413. **Children With Permanent Hearing Loss and Associated Disabilities: Revisiting Current Epidemiological Data and Causes of Deafness.**

Author(s): Picard, M.

Source: In: The Volta Review: Multiple Challenges-Multiple Solutions: Children With Hearing Loss and Special Needs. Perigoe, C.B.; Perigoe, R., Eds. Washington, DC. The Volta Review 104(4):221-236. 2004.

Availability: Available from the Alexander Graham Bell Association for the Deaf and Hard of Hearing. Publications Department, 3417 Volta Place, NW, Washington, DC 20007. (202) 337-5220 or (202)337-5221 (TTY). Website: www.agbell.org.

Language: English.

Abstract: This chapter provides current data on the prevalence and incidence of permanent hearing loss in children, trends in ages of onset of hearing loss, and causes of hearing loss throughout the world. The author presents studies estimating the number of children with hearing loss and additional special needs in various countries and identifies some well-known causes of hearing loss that have co-associated occurring disabilities. In addition, the author presents the case of linguistically diverse children as a new group of children with hearing loss who may function with multiple disabilities. A few of the conclusions reached by the author are that sensorineural hearing loss in newborns remains high worldwide and that the level of development of a country is related to prevalence of sensorineural hearing loss in the newborn population. 3 tables. 50 references. (AA-M).

Subject Category: Hearing.

Descriptors: Children. Infants. Sensorineural Hearing Loss. Multiple Disabilities. Epidemiology. Prevalence. Incidence. Etiology.

414. **Is the End Near for Acoustic Feedback?**

Author(s): Pirzanski, C., Berge, B.

Source: In: The Hearing Review. 11(4):18. April 2004.

Availability: Available from CurAnt Communications Inc., Publisher. 6701 Center Drive West, Suite 450, Los Angeles, CA 90045-1535. (310) 642-4400. (310) 641-0831 (Fax). Web site: www.hearingreview.com.

Language: English.

Abstract: According to this article, digital shell-making technology holds great possibilities for the fitting process. However, this technology will be limited by the same factors that limit traditional impression-taking technologies, a need for the use of open-mouth impressions and higher viscosity impression materials. The authors of this article present a review of the various materials and technologies for readers and conclude that, regardless of the technology, to obtain the best fitting results clinicians should modify their impression technique and routinely take open-mouth impressions with a firmer silicone for all hearing instruments.

Subject Category: Hearing.

Descriptors: Hearing Aid Technology. Hearing Aid Fitting. Hearing Aid Mold. Audiology. Open Mouth Ear Impression technique.

415. **Endoscopic Middle Ear and Mastoid Surgery.**

Author(s): Poe, D. S.

Source: In: Middle Ear and Mastoid Surgery: Haberman, R. S., ed. York, PA. Thieme 2004. pp.168-76.

Availability: Available from Thieme New York. 333 Seventh Avenue, New York, NY 10001. Toll-free: (800) 782-3488. Fax: (212) 947-1112. E-mail: customerservice@thieme.com. Web site: <http://www.thieme.com>. ISBN: 1-5889-0173-4. PRICE: \$109 plus shipping and handling.

Language: EN.

Abstract: As stated by the author of this chapter from the text Middle Ear and Mastoid Surgery, endoscopy has created new opportunities for minimally invasive techniques in middle ear and temporal bone surgery. The author states also that endoscopes offer the potential for reducing open surgical exposure, reducing operating time, improving cholesteatoma eradication, and minimizing surgically induced artifacts during middle ear exploration for perilymphatic fistulas. In this chapter the author discusses surgical equipment, the conditions for which endoscopic surgery is applicable, technique and procedure including second-look mastoidectomy, and future progresses in the field. Include figures and

references.

Subject Category: Hearing.

Descriptors: Hearing Loss Surgery. Hearing Loss Correction. Hearing Therapy. Middle Ear Surgery. Mstoidectomy. Endoscopy. Otology.

416. *Language and Children With Auditory Impairments.*

Author(s): Reed, V. A.

Source: In: An Introduction to Children with Language Disorders, Third Edition. Boston, MA. Allyn & Bacon. 2004. [p.].

Availability: Available from Allyn, Beacon/Longman. 75 Arlington Street, Suite 300, Boston, MA 02116. 617-848-7210. Web site: www.ablongman.com. PRICE: \$74.67 plus shipping and handling. ISBN: 0-205-42042-7.

Language: English.

Abstract: This chapter from the third edition of An Introduction to Children with Language Disorders describes current knowledge and understanding about the relationship between hearing loss and language disorder.

Students who have reviewed this chapter should be able to discuss the different types of auditory impairments, including peripheral hearing loss, central auditory processing disorder, and auditory neuropathy; the impact of sensorineural hearing impairment and conductive hearing impairment on receptive and expressive speech language; language skills of children with auditory impairments in relation to intervention implications, academic achievement, and communication choices; and types of assistive devices options for hearing-impaired children, like hearing aids, cochlear implants, and FM aids.

Subject Category: Language. Speech. Hearing.

Descriptors: Childhood Language Disorders. Adolescents With Language Disorders. Speech Impairment. Learning Disabilities. Autism. Acquired Language Disorders. Augmentative Communication. Alternative Communication. Speech-Language Pathology. Auditory Impairments. Language Skills development.

417. *Language and Children With Autism.*

Author(s): Reed, V. A.

Source: In: An Introduction to Children with Language Disorders, Third Edition. Boston, MA. Allyn & Bacon. 2004. [p.]253-75.

Availability: Available from Allyn, Beacon/Longman. 75 Arlington Street, Suite 300, Boston, MA 02116. 617-848-7210. Web site: www.ablongman.com. PRICE: \$74.67 plus shipping and handling. ISBN: 0-205-42042-7.

Language: English.

Abstract: This chapter from the third edition of An Introduction to Children with Language Disorders covers key issues related to language problems in children with autism. Students who have studied this chapter should be able to define autism, as well as other etiological categories with which autism overlaps; discuss general characteristics of the language of children with autism; and discuss principles of language intervention for children with autism.

Subject Category: Language. Speech. Hearing.

Descriptors: Childhood Language Disorders. Adolescents With Language Disorders. Speech Impairment. Learning Disabilities. Autism. Acquired Language Disorders. Augmentative Communication. Alternative Communication. Speech-Language Pathology. Auditory Impairments. Language Skills development.

418. *Children With Acquired Language Disorders.*

Author(s): Reed, V. A.

Source: In: An Introduction to Children with Language Disorders, Third Edition. Boston, MA. Allyn & Bacon. 2004. [p.]335-55.

Availability: Available from Allyn, Beacon/Longman. 75 Arlington Street, Suite 300, Boston, MA 02116. 617-848-7210. Web site: www.ablongman.com. PRICE: \$74.67 plus shipping and handling. ISBN: 0-205-42042-7.

Language: English.

Abstract: This chapter from the third edition of An Introduction to Children with Language Disorders discusses circumstances unique to children who had the experience of language prior to developing a language disability, usually as a result of brain injury. Students who have reviewed this chapter should be able to discuss definitions and etiologies of acquired aphasia in children; basic concepts of language recovery in children as a function of physiological restitution and normal language development; general characteristics of the language of children with acquired aphasia;

and principles of language assessment and intervention for children with acquired aphasia.

Subject Category: Language. Speech. Hearing.

Descriptors: Childhood Language Disorders. Adolescents With Language Disorders. Speech Impairment. Learning Disabilities. Autism. Acquired Language Disorders. Augmentative Communication. Alternative Communication. Speech-Language Pathology. Auditory Impairments. Language Skills development.

419. *Language and Augmentative and Alternative Communication.*

Author(s): Reed, V. A.

Source: In: An Introduction to Children with Language Disorders, Third Edition. Boston, MA. Allyn & Bacon. 2004. [p.]384-403.

Availability: Available from Allyn, Beacon/Longman. 75 Arlington Street, Suite 300, Boston, MA 02116. 617-848-7210. Web site: www.ablongman.com. PRICE: \$74.67 plus shipping and handling. ISBN: 0-205-42042-7.

Language: English.

Abstract: In this chapter from the third edition of An Introduction to Children with Language Disorders the author examines the probability for augmentative and alternative communication (AAC) in children, why this may occur, and considerations in implementing AAC systems with these children. The chapter also covers the role of AAC in challenging behavior of children and reviews some of the principles of AAC assessment.

Students should acquire enough knowledge from this chapter to be able to discuss the role of AAC in the management of children's challenging behavior; for which children would AAC be appropriate; issues related to AAC and language development; types of AAC systems that may be appropriate for children with language impairment; and other factors relevant to AAC.

Subject Category: Language. Speech. Hearing.

Descriptors: Childhood Language Disorders. Adolescents With Language Disorders. Speech Impairment. Learning Disabilities. Autism. Acquired Language Disorders. Augmentative Communication. Alternative Communication. Speech-Language Pathology. Auditory Impairments. Language Skills development.

420. *Toddlers and Preschoolers With Specific Language Impairment.*

Author(s): Reed, V. A.

Source: In: An Introduction to Children with Language Disorders, Third Edition. Boston, MA. Allyn & Bacon. 2004. [p.] 75-131.

Availability: Available from Allyn, Beacon/Longman. 75 Arlington Street, Suite 300, Boston, MA 02116. 617-848-7210. Web site: www.ablongman.com. PRICE: \$74.67 plus shipping and handling. ISBN: 0-205-42042-7.

Language: English.

Abstract: This chapter from the third edition of An Introduction to Children with Language Disorders discusses toddlers and preschool children who have language problems but exhibit none of the clearly identifiable reason like those discussed in the book, such as intellectual disability, autism, hearing impairment, or acquired language impairment. In each circumstance discussed in this chapter, the children seem normal, except for lacking language skills equal to that of their peer group. The authors use the term 'specific language impairment' (SLI) to describe this condition. The chapter covers prevalence data for preschool children who have these disabilities, ways to identify children with SLI, predicting who would outgrow early language problems, and intervention implications. In addition, the authors discuss language characteristics specific to these children and offer considerations for assessment and interventions.

Subject Category: Language. Speech. Hearing.

Descriptors: Childhood Language Disorders. Adolescents With Language Disorders. Speech Impairment. Learning Disabilities. Autism. Acquired Language Disorders. Augmentative Communication. Alternative Communication. Speech-Language Pathology. Auditory Impairments. Language Skills development.

421. *An Introduction to Children With Language Disorders, Third Edition.*

Author(s): Reed, V. A.

Source: Boston, MA. Allyn & Bacon. 2004. 576p.

Availability: Available from Allyn, Beacon/Longman. 75 Arlington Street, Suite 300, Boston, MA 02116. 617-848-7210. Web site:

www.ablongman.com. PRICE: \$74.67 plus shipping and handling. ISBN: 0-205-42042-7.

Language: English.

Abstract: This third edition of 'An Introduction to Children with Language Disorders' provides an overview of the variety of populations of children who have language disorders. The text is organized by common childhood language disorder populations and covers issues specific to children who do not acquire language normally. This book is described as a good introduction to language disorders in children for students who are learning about these topics. The information provided is the most current, covering adolescents with language disorders and including a complete chapter on AAC and its consideration with children with language disorders. Interventions reviewed in earlier editions have been expanded and updated.

Subject Category: Language. Speech. Hearing.

Descriptors: Childhood Language Disorders. Adolescents With Language Disorders. Speech Impairment. Learning Disabilities. Autism. Acquired Language Disorders. Augmentative Communication. Alternative Communication. Speech-Language Pathology. Auditory Impairments. Language Skills development.

422. **Adolescents With Language Impairments.**

Author(s): Reed, V. A.

Source: In: An Introduction to Children with Language Disorders, Third Edition. Boston, MA. Allyn & Bacon. 2004. [p.]168-219.

Availability: Available from Allyn, Beacon/Longman. 75 Arlington Street, Suite 300, Boston, MA 02116. 617-848-7210. Web site: www.ablongman.com. PRICE: \$74.67 plus shipping and handling. ISBN: 0-205-42042-7.

Language: English.

Abstract: This chapter from the third edition of An Introduction to Children with Language Disorders discusses reasons adolescents with language disorders are neglected, aspects of language development during adolescence, problems related to language disorders in adolescents, and assessment and intervention factors that are particularly relevant to this age group. Students who study this chapter should be able to discuss characteristics of adolescence with language disorders; strategies used to identify adolescents with possible language disorders; reasons adolescents with language disorders remain a neglected group, professionally; and academic, social, and vocational implications of unresolved language disorders in adolescents.

Subject Category: Language. Speech. Hearing.

Descriptors: Childhood Language Disorders. Adolescents With Language Disorders. Speech Impairment. Learning Disabilities. Autism. Acquired Language Disorders. Augmentative Communication. Alternative Communication. Speech-Language Pathology. Auditory Impairments. Language Skills development.

423. **Language and Children With Learning Disabilities.**

Author(s): Reed, V. A.

Source: In: An Introduction to Children with Language Disorders, Third Edition. Boston, MA. Allyn & Bacon. 2004. [p.]132-167.

Availability: Available from Allyn, Beacon/Longman. 75 Arlington Street, Suite 300, Boston, MA 02116. 617-848-7210. Web site: www.ablongman.com. PRICE: \$74.67 plus shipping and handling. ISBN: 0-205-42042-7.

Language: English.

Abstract: This chapter from the third edition of An Introduction to Children with Language Disorders covers definitions of learning disabilities and other etiological categories with which learning disabilities overlap; relationships between language disorders and learning disabilities; differences between oral and written language and how these can contribute to learning disabilities; general characteristics of the language of children with learning disabilities; and principles of language intervention for children with learning disabilities. This chapter provides enough information on the topic to allow readers to discuss the subject knowledgeably.

Subject Category: Language. Speech. Hearing.

Descriptors: Childhood Language Disorders. Adolescents With Language Disorders. Speech Impairment. Learning Disabilities. Autism. Acquired Language Disorders. Augmentative Communication. Alternative Communication. Speech-Language Pathology. Auditory Impairments. Language Skills development.

424. **How to Cope With Scopes: Stethoscope Selection and Use With Hearing Aids and CIs.**

Author(s): Rennert, N. J., Morris, R., Barrere, C. C.

Source: The Hearing Review. February 2004. 11(2):34.

Availability: Correspondence can be addressed to HR or Rebecca Morris, Effective Communication Solutions Inc, 1030 Clubhouse Dr., Independence, KY 41051; email: beckym@beyondhearingaids.com.

Language: English.

Abstract: Using a stethoscope can be challenging for hearing-impaired medical professionals. This article provides a tutorial on stethoscope/hearing aid selection, programming, interfaces, and use.

Subject Category: Hearing.

Descriptors: Hearing Aids. Hearing Technology. Hearing Impaired Medical Professionals.

425. **Drainage of Cerebrospinal Fluid From the Nose After Surgery for Acoustic Neuroma.**

Author(s): Rhoton, A. L.

Source: ANA Notes. Acoustic Neuroma Association Notes. Cumming, GA. (92)1: 5-6. December 2004.

Availability: Available from Acoustic Neuroma Association. 600 Peachtree Parkway, Suite 108, Cumming, GA 30041. 770-205-8211; Fax: 770-205-0239. E-mail: ANAUSA@aol.com. Web site: http://www.ANAUSA.org.

Language: English.

Abstract: This article discusses how drainage of cerebrospinal fluid (CSF) from the nose-called rhinorrhea, occurs and how to diagnose leaks that occur after patients leaves the hospital. The authors explain that CSF occurs in as many as 1 in 8 operations for removal of acoustic neuroma, and may occur after any microsurgical approaches to the tumor are performed.

Subject Category: Hearing.

Descriptors: Postoperative Diagnosis. Cerebrospinal Fluid. Acoustic Neuroma Surgery. Ear Disorder.

426. **Driving While Deaf.**

Author(s): Rice, C. M.

Source: Washington, DC. Volta Voices. 11(5):34. July/August 2004.

Availability: Available from Alexander Graham Bell Association for the Deaf and Hard of Hearing. 3417 Volta Place, NW, Washington, DC 20007. 202-337-5220; TTY: 202-337-5221; FAX: 202-337-8314. Web site: http://www.agbell.org.

Language: English.

Abstract: In this article the author discusses communication challenges between a person with hearing impairment and law enforcement, especially as it pertains to driving. The article also looks at training programs for law officers to help officers communicate more effectively with people with hearing loss in enforcement situations.

Subject Category: Hearing.

Descriptors: Deafness. Hard-of-Hearing. Deaf Driving. Hearing Loss.

427. **Deaf Education at the Dawn of the 21st Century: Old Challenges, New Directions.**

Author(s): Rittenhouse, R.

Source: Hillsboro, Oregon. Butte Publications, Inc. 2004.

Availability: Available from Butte Publications, Inc. P.O. Box 1328, Hillsboro, OR 97123-1328. 866-312-8883. FAX: 866-412-8883. E-mail: service@buttepublications.com Website: www.buttepublications.com. PRICE: \$39 plus shipping and handling. ISBN: 1-884362-66-4. (soft cover).

Language: English.

Abstract: This comprehensive text on the field of deaf education provides a picture of the challenges that have faced and continue to face the profession. It offers new and creative ideas for providers and researchers as well as new ways of developing and implementing a best practice model in the 21st century.

Subject Category: Hearing.

Descriptors: Deafness. Deaf Student Education. Hard-of-Hearing. Teacher Education. Deaf Educators. Inclusion. Classroom Technology. Deaf Communication. Hearing Assistive Devices. Disability Rights. School for the Deaf. Deaf Culture.

428. **Stapedectomy.**

Author(s): Rizer, F. M.

Source: In: Middle Ear and Mastoid Surgery: Haberman, R. S., ed. York, PA. Thieme 2004. pp.108-19.

Availability: Available from Thieme New York. 333 Seventh Avenue, New York, NY 10001. Toll-free: (800) 782-3488. Fax: (212) 947-1112. E-mail: customerservice@thieme.com. Web site: <http://www.thieme.com>. ISBN: 1-5889-0173-4. PRICE: \$109 plus shipping and handling.

Language: EN.

Abstract: In this chapter from the text Middle Ear and Mastoid Surgery the author describes stapedectomy as a remarkable operation that can be completed in one hour or less. The author also states that, despite existing controversies over issues like the best type of prosthesis, the ideal place and way to anchor the prosthesis, the importance of the stapedius tendon, the amount of the footplate to remove, the material to use to seal the oval window, and other details-the important observation is that the vast majority of stapedectomy operations are successful. Topics covered in this chapter include patient presentation and examination, patient selection, alternate therapies, contraindications, operating room setup, specific techniques, and complications. Includes figures and references.

Subject Category: Hearing.

Descriptors: Hearing Loss Surgery. Hearing Loss Correction. Hearing Therapy. Middle Ear Surgery. Otology.

429. **Auditory Disorders in School Children: The Law, Identification, Remediation, Fourth Edition.**

Author(s): Roeser, R. J., Downs, M. P.

Source: York, PA. Thieme 2004. 488 pp. Hardcover.

Availability: Available from Thieme New York. 333 Seventh Avenue, New York, NY 10001. Toll-free: (800) 782-3488. Fax: (212) 947-1112. E-mail: customerservice@thieme.com. Web site: <http://www.thieme.com>. ISBN: 1-58890-228-5. PRICE: \$59 plus shipping and handling.

Language: English.

Abstract: This fourth edition of Auditory Disorders in School Children covers techniques for identifying hearing loss in infants and children. The authors provide important information on diagnosis and treatment of mild to severe auditory disorders, including screening and diagnostic testing procedures, hearing aids, cochlear implants, auditory processing disorders and much more. A key section, called The Audiology Home, has been added. This section explores the possibilities of a family-oriented treatment center to achieve maximum benefit for each child with auditory disorders. 58 tables, 88 illustrations.

Subject Category: Hearing.

Descriptors: Childhood Deafness. Deaf Children. Hard-of-Hearing Children. Learning Disabilities. Early Intervention. Disability Rights. Special Education Programs. Early Childhood Education. Hearing Test. Hearing Screening.

430. **Cochlear Implants.**

Author(s): Roeser, R. J., Bauer, P.

Source: In: Auditory Disorders in School Children, Fourth Edition. Roeser, R.J.; Downs, M.P., ed. York, PA. Thieme 2004. 323-43.

Availability: Available from Thieme New York. 333 Seventh Avenue, New York, NY 10001. Toll-free: (800) 782-3488. Fax: (212) 947-1112. E-mail: customerservice@thieme.com. Web site: <http://www.thieme.com>. ISBN: 1-58890-228-5. PRICE: \$59 plus shipping and handling.

Language: English.

Abstract: In this chapter of the fourth edition of Auditory Disorders in School Children the authors talk about cochlear implants with the focus on topics of interest to school-based professionals, including how implants work, the devices that are currently available, candidacy, risks, benefits, cochlear implants in the schools, and cochlear implants and the deaf culture. Because children with profound hearing loss cannot benefit from cochlear implants, the authors also describe tactile hearing aids in this chapter.

Subject Category: Hearing.

Descriptors: Cochlear Implants. Auditory Processing Disorder. Hard-of-Hearing Children. Assistive Hearing Devices. Hearing Technology. Hearing Aids.

431. **Handbook to Service the Deaf and Hard of Hearing: A Bridge to Accessibility.**

Author(s): Rohring, P., Adams, J. W.

Source: Burlington, MA. Academic Press. 2004. 272p.

Availability: Available from Elsevier Inc., 30 Corporate Drive, Suite 400, Burlington, MA 01803, USA. 1-888-677-7357. Web site: www.academicpress.com. PRICE: \$59.95 plus shipping and handling. ISBN: 0-12-044141-1. Hardcover.

Language: English.

Abstract: This is an illustrated handbook designed for persons who wish to learn more about providing services to individuals who are deaf or hard of hearing. The book provides research and practical information on understanding issues affecting people who are deaf or hard-of-hearing, and recommends best practices on providing community accessibility to this population, and lists other resources. In addition, there is the unique perspective of the authors/ professionals-the text draws from the experiences of a Deaf (Rohring) and a hearing (Adams) author. The handbook is being offered for college training programs, hospitals, health care agencies, hearing and speech centers, school districts, educational agencies, and any one working with or employing deaf or hard of hearing persons.

Subject Category: Hearing.

Descriptors: Deafness. Hearing Impairment. Speech-Language Pathology. Accessibility. Deaf Culture. Sign Language.

432. **Medical Aspects of Disorders of the Auditory System.**

Author(s): Roland, P. S., Shoup, A. G.

Source: In: Auditory Disorders in School Children, Fourth Edition. Roeser, R.J.; Downs, M.P. ed. York, PA. Thieme 2004. 70-95.

Availability: Available from Thieme New York. 333 Seventh Avenue, New York, NY 10001. Toll-free: (800) 782-3488. Fax: (212) 947-1112. E-mail: customerservice@thieme.com. Web site: <http://www.thieme.com>. ISBN: 1-58890-228-5. PRICE: \$59 plus shipping and handling.

Language: English.

Abstract: For school-aged children, the initial referral to obtain services from either or both otolaryngologists and audiologists often comes from school nurses, speech-language pathologists, teachers, or parents. In this chapter of the fourth edition of Auditory Disorders in School Children the authors discuss selected auditory and vestibular conditions encountered in the pediatric population. Some topics covered in the chapter include: tinnitus, vertigo, congenital aural atresias, external otitis, otitis media, and ear perforation.

Subject Category: Hearing.

Descriptors: Childhood Deafness. Deaf Children. Hard-of-Hearing Children. Learning Disabilities. Early Intervention. Special Education Programs. Hearing Test. Hearing Screening.

433. **Laser Stapedotomy Minus Prosthesis (Laser STAMP) and Other Minimally Invasive Otolgic Procedures.**

Author(s): Rosenberg, S. I.

Source: In: Middle Ear and Mastoid Surgery: Haberman, R. S., ed. York, PA. Thieme 2004. pp.130-49.

Availability: Available from Thieme New York. 333 Seventh Avenue, New York, NY 10001. Toll-free: (800) 782-3488. Fax: (212) 947-1112. E-mail: customerservice@thieme.com. Web site: <http://www.thieme.com>. ISBN: 1-5889-0173-4. PRICE: \$109 plus shipping and handling.

Language: EN.

Abstract: The author of this chapter from the text Middle Ear and Mastoid Surgery describes minimally invasive procedures as having many advantages: a major one being procedures can be performed in an office operating room or surgery center. The author introduces the chapter with a description of laser STAMP procedure and proceeds with a variety of other minimally invasive procedures including laser-assisted tympanostomy (LAT), endoscopic middle ear exploration, inner ear perfusion, and fat myringoplasty. The chapter also covers all necessary equipment and anesthesia for these procedures. Includes figures and references.

Subject Category: Hearing.

Descriptors: Hearing Loss Surgery. Hearing Loss Correction. Hearing Therapy. Middle Ear Surgery. Inner Ear. Otology.

434. **Clinical Practice Guideline: Otitis Media With Effusion.**

Author(s): Rosenfeld, R. M.

Source: Supplement to Otolaryngology-Head and Neck Surgery. 130(5):

S95-118. May 2004.

Availability: Available from Elsevier Science. (800) 654-2452. Fax: (212) 633-3820. E-mail: reprints@elsevier.com. Web site: www.us.elsevierhealth.com. PRICE: \$30 Pay-Per-View for online access to articles.

Language: English.

Abstract: Evidenced-based recommendations on diagnosing and managing otitis media with effusion (OME) in children; this is an update of the 1994 clinical practice guideline Otitis Media With Effusion in Young Children, which was developed by the Agency for Healthcare Policy and Research (now the Agency for Healthcare Research and Quality). In contrast to the earlier guideline, which was limited to children aged 1 to 3 years with no craniofacial or neurologic abnormalities or sensory deficits, the updated guideline applies to children aged 2 months through 12 years with or without developmental disabilities or underlying conditions that predispose to OME and its sequelae. The American Academy of Pediatrics, American Academy of Family Physicians, and American Academy of Otolaryngology-Head and Neck Surgery selected a subcommittee composed of experts in the fields of primary care, otolaryngology, infectious diseases, epidemiology, hearing, speech and language, and advanced practice in nursing to revise the OME guideline. The subcommittee made a strong recommendation that clinicians use pneumatic otoscopy as the primary diagnostic method and distinguish OME from acute otitis media (AOM).

Subject Category: Hearing.

Descriptors: Ear Disorder. Childhood Disease. Ear Infection. Hearing Disorder. Childhood Deafness. Otitis Media. Clinical Practice Guidelines.

435. *The Occlusion Effect: What It Is and What To Do About It.*

Author(s): Ross, M.

Source: Hearing Loss. Bethesda, MD. 25(1):28 Jan/Feb 2004.

Availability: Available from Self help for Hard of Hearing People. 7910 Woodmont Avenue, Suite 1200, Bethesda, MD 20814. Voice: (301) 657-2248. TTY (301) 657-2249. Web site: www.shhh.org.

Language: English.

Abstract: Some hearing aid users, especially new ones, complain about the odd sound of their voices when they talk. The author of this article describes this phenomenon as the occlusion effect. The writer explains what the occlusion effect is and how it can affect hearing aid users and offers solutions for individuals who experience it.

Subject Category: Hearing.

Descriptors: Hearing Aids. Hearing Assistive Devices. Hearing Loss. Occlusion Effect.

436. *Improving Hearing Aid Design and Performance.*

Author(s): Ross, M.

Source: In: Hearing Loss. 25(4):26. July/August 2004.

Availability: Available from Self help for Hard of Hearing People. 7910 Woodmont Avenue, Suite 1200, Bethesda, MD 20814. Voice: (301) 657-2248. TTY (301) 657-2249. Web site: www.shhh.org.

Language: English.

Abstract: In a previous issue of Hearing Loss, Dr. Mead Killion discussed prevalent myths that have discouraged improvements in hearing aid design. In this article the author discusses these myths, some of his own observations, and research findings that are relevant.

Subject Category: Hearing.

Descriptors: Hearing Aid. Hearing Devices. Hearing Technology Research.

437. *Promising Research on Hair Cell Regeneration: What Does It Mean for Dispensing Professionals.*

Author(s): Rubel, E.W.

Source: The Hearing Review. October 2004. 11(11):18.

Availability: Available from the Hearing Review. Web site: www.hearingreview.com/. Address correspondence to HR or Edwin W. Rubel, PhD, Virginia Merrill Bloedel Hearing Research Center, Mail Stop 357923, University of Washington, Seattle, WA 98195; email: rubel@u.washington.edu.

Language: English.

Abstract: This article explains the latest findings and offers predictions related to hair cell generation. The author also tells why this area of hearing research offers significant opportunities for the hearing aid dispensing field.

Subject Category: Hearing.

Descriptors: Hearing Aid. Deafness. Hearing Assistive Devices. Hearing Technology. Hearing Research.

438. *Saltillo Product Catalog 2004: The Joy of Communicating.*

Author(s): Saltillo Corporation.

Source: Millersburg, OH. Saltillo Corporation. 2004. 34p.

Availability: Available from Saltillo Corporation. 2143 TR112 Millersburg, OH 44654. (330)674-6722, (800)382-8622; (330) 674-6726 (Fax). E-mail: aac@saltillo.com. Website: http://www.saltillo.com.

Language: English.

Abstract: Products manufactured by Saltillo and a number of other companies specializing in augmentative communication products. Are contained in this 2004 catalog. There are some new entries and a number of product upgrades like EchoVoice, a new voice amplification system from Hearing Products International, Ltd. of the United Kingdom. Other communication devices, switches, mounting systems, related software, memory products, and manual communication are also available through this 2004 catalog.

Subject Category: Hearing. Speech.

Descriptors: Assistive Technology. Communication Products. Communication Devices. Hearing and Speech Technology. Hearing Products.

439. *Speech Recognition Abilities of Adults Using Cochlear Implants With FM Systems.*

Author(s): Schafer, E. C., Thibodeau, L. M.

Source: American Academy of Audiology. Reston, VA. 15(10):678-91. November/December 2004.

Availability: Available from the American Academy of Audiology. Publications, 11730 Plaza America Drive, Suite 300, Reston, VA 20190. Voice: 800-AAA-2336; 703-790-8466. Fax: 703-790-8631. Web site: http://www.audiology.org/.

Language: English.

Abstract: This article summarizes a study developed to determine the effects of noise and the benefits of different FM systems for adult users of cochlear implants (CIs) in a simulated noisy classroom setting. A research team evaluated speech recognition for ten adults with normal hearing and eight adults with Nucleus CIs at several different signal-to-noise ratios (SNRs) and with three frequency modulated (FM) system arrangements: desktop, body worn, and miniature direct connect. Participants were asked to repeat Hearing in Noise Test (HINT) sentences presented with speech noise in a classroom setting and percent correct word repetition was determined. Researchers evaluated the performance for both sets of participants with the desktop sound-field system. In addition, speech recognition for the CI participants was evaluated using two FM systems electrically coupled to their speech processors. The results for the desktop sound field and No-FM condition indicate that only listeners with normal hearing made significant improvements in speech recognition in noise. When comparing performance across the three FM conditions for the CI listeners, the researchers report the two electrically coupled FM systems resulted in significantly greater improvements in speech recognition in noise relative to the desktop sound-field system.

Subject Category: Hearing.

Descriptors: Speech Recognition. FM Systems. Cochlear Implants.

440. *The Beginning of a Revolution.*

Author(s): Schestok, J.

Source: In: ADVANCE for Speech-Language Pathologists and Audiologists. 14(20):14. May 2004.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. 610-278-1400. E-mail: advance@merion.com. Web site: http://www.advanceforspanda.com/.

Language: English.

Abstract: What do a fly, a microphone and hearing aid technology have in common? Researcher, Ronald Miles, PhD, is working to solve that puzzle. Dr. Miles' research is expected to revolutionize hearing aid technology within the next few years. This professor at Binghamton University, Binghamton, NY, got the idea for this directional hearing aid research when he collaborated with two biologists on the auditory systems of small animals. During this project, the researchers discovered that a directionally hearing fly has unique ears and asked Dr. Miles to help figure out how hearing worked in this type of fly. Dr. Miles' biomimetic

acoustic sensor research project is supported by the National Institute of Deafness and Other Communication Disorders (NIDCD). This article provides more detail on the biomimetic acoustic sensor research project and its expected outcome.

Subject Category: Hearing.

Descriptors: Hearing Research. Directional Hearing. Hearing Aid Technology. Assistive Listening Devices. Deafness.

441. **Salt Wasting and Deafness Resulting From Mutations in Two Chloride Channels.**

Author(s): Schlingmann, K. P.

Source: In: *New England Journal of Medicine*. 350(13):1314-9. March 25, 2004.

Availability: Address reprint requests to Dr. Seyberth at the Department of Pediatrics, Phillips University of Marburg, Deutschhausstr. 12, 35033 Marburg, Germany. E-mail: seyberth@staff.uni-marburg.de. Website: <http://www.nejm.org>.

Language: English.

Abstract: In a newly identified phenotype of antenatal Barter's syndrome, both severe renal salt wasting and sensorineural deafness are present; it is called antenatal Barter's syndrome with sensorineural deafness (BSND or Barter's type IV). In this case report the authors describe a child with renal salt wasting and deafness who had no mutation in the BSND gene.

Subject Category: Hearing.

Descriptors: Deafness. Sensorineural Deafness. Postnatal Barter's Syndrome.

442. **Designing Hearing Aids for Children With Severe-to-Profound Losses.**

Author(s): Schmidtke Flynn, T., Flynn, M. C.

Source: *The Hearing Review*. 11(13):36-40. December 2004.

Availability: Correspondence can be addressed to HR-available from CurAnt Communications Inc., Publisher. 6701 Center Drive West, Suite 450, Los Angeles, CA 90045-1535. (310) 642-4400. (310) 641-0831 (Fax). Web site: www.hearingreview.com. or Traci Schmidtke Flynn, Oticon A/S, Strandvejen 58, Hellerup, DK 2900, Denmark. E-mail: tes@oticon.dk.

Language: English.

Abstract: Universal newborn hearing screening identifies children with severe to profound hearing impairment at younger ages. According to the authors of this article, it is critical to provide appropriate amplification to these children, following diagnosis. The authors discuss important factors to be considered when selecting a hearing instrument for a child with these types of hearing impairment. Figures and references are included.

Subject Category: Hearing.

Descriptors: Infant Hearing Loss. Hearing Aids Fitting. Amplification. FM Systems. Managing Children's Hearing Loss.

443. **The Sertoma Foundation Scholarship Programs.**

Author(s): Sertoma International.

Source: Kansas City, MO: Sertoma International. 2004.

Availability: Available Sertoma International. 1912 East Meyer Boulevard, Kansas City, MO 64132. Voice/TTY (816) 333-8300; Fax: (816) 333-4320; E-mail: infosertoma@sertoma.org; Website: <http://www.sertoma.org>. PRICE: A single copy of the fact sheet is available at no cost.

Language: English.

Abstract: The Sertoma Foundation offers two types of scholarships annually: the Sertoma Communicative Disorders Scholarship program is a \$75,000 scholarship program that provides funds for students pursuing master's level degrees in the U.S., Canada, or Mexico; the Sertoma scholarships for students who are hearing impaired and are fulltime entering or continuing students at a college or university in the United States. Fact sheets that provide more details of these conferences are available online at www.sertoma.org or by calling the Sertoma Foundation.

Subject Category: Hearing.

Descriptors: Hearing Impaired Student Funding. Scholarship for the Deaf. Deaf Student Scholarship. College Programs for the Deaf. Funding. Financial Aid.

444. **Music Studied As Tinnitus Relief.**

Author(s): Shafer, D. N.

Source: *The ASHA Leader*. (9)20:1,14. November, 2004.

Availability: Available from American Speech-Language-Hearing Association. 10801 Rockville Pike, Rockville, MD 20852. Web site: www.professional.asha.org.

Language: English.

Abstract: This University of Iowa study to explore the use of music for tinnitus relief involves approximately 90 patients divided into three groups: passive listeners, active listeners, and those who are undergoing only counseling. The research is based on the idea that music is an easier background sound to listen to than broadband noise. The initial findings show a positive response from many of the patients. According to the researcher, these results do not suggest that music therapy is the answer for everyone.

Subject Category: Hearing.

Descriptors: Tinnitus Research. Music Therapy. Hearing Therapy. Hearing Disorder.

445. **Vestibular Neuritis and Labyrinthitis: Infections of the Inner Ear.**

Author(s): Shupert, C. L., Kulick, B.

Source: *Vestibular Disorders Association Newsletter: On the Level* 21(2):1-4. Spring 2004.

Availability: Available from the Vestibular Disorders Association. P.O. Box 4467, Portland, OR 97208-4467. Voice: (800) 837-8428. E-mail: veda@vestibular.org. Web site: <http://www.vestibular.org>. PRICE: \$3 per issue plus shipping and handling for back issues.

Language: English.

Abstract: Vestibular neuritis and labyrinthitis are described in this article as disorders that are the result of an infection that inflames the inner ear or the nerves connecting the inner ear to the brain. This inflammation is said to disrupt the transmission of sensory information from the ear to the brain which can cause the patient to experience vertigo, dizziness, and balance, vision, and hearing difficulties. In this overview of the disorder the authors cover symptoms and onset; diagnosis and treatment; and definitions of bacterial and viral infections.

Subject Category: Hearing. Balance.

Descriptors: Inner Ear Disorder. Vestibular Disorder. Inner Ear Infection. Hearing Loss. Balance Disorder. Vertigo. Dizziness.

446. **Hearing Disorders.**

Author(s): Silverman, F. H.

Source: In: *Introduction to Speech, Language, and Hearing Disorders*, 3rd Edition. Eau Claire, WI: Thinking Publications. 2004. [pp17-42].

Availability: Available from Thinking Publications. 424 Galloway Street, P.O. Box 163, Eau Claire, WI 54702-0163. (800) 225-GROW or (715) 832-2488. Fax: (800) 828-8885 or (715) 832-9082. E-mail: custserv@ThinkingPublications.com. Website: www.ThinkingPublications.com. PRICE: \$46 plus shipping and handling.

ISBN: 1-59260-083-2.

Language: English.

Abstract: This chapter from *Introduction to Speech, Language, and Hearing Disorders*, 3rd Edition concentrates on the symptomatology and etiology of various hearing disorders as well as some basic information about anatomy, physiology, physics, psychology, and the science needed to understand them. The chapter provides the structure that the reader needs to organize information about these disorders that may be acquired later. The topics discussed include conductive hearing loss, sensorineural hearing loss (SHL), mixed hearing loss, auditory nerve and central audio nervous system hearing loss, and functional hearing loss. Online access is included with the purchase of this edition of the textbook.

Subject Category: Language. Speech. Hearing.

Descriptors: Hearing Loss. Hearing Loss Treatment. Psychogenic Hearing Loss. Middle Ear Disorder. Outer Ear Disorder. Hearing Assistive Devices. Speechreading.

447. **Introduction to Speech, Language, and Hearing Disorders, 3rd Edition: (Online and Paperback).**

Author(s): Silverman, F. H.

Source: Eau Claire, WI: Thinking Publications. 2004. [315pp. and e-Product].

Availability: Available from Thinking Publications. 424 Galloway Street, P.O. Box 163, Eau Claire, WI 54702-0163. (800) 225-GROW or (715) 832-2488. Fax: (800) 828-8885 or (715) 832-9082. E-mail: custserv@ThinkingPublications.com. Website: www.ThinkingPublications.com. PRICE: \$46 plus shipping and handling. ISBN: 1-59260-083-2.

Language: English.

Abstract: Written for university students, this text contains introductory courses in communication disorders: the fundamental concepts of speech-language pathology and audiology. The text covers the essentials on current knowledge in physiology or biochemistry, while at the same time emphasizing the practical and clinical applications of speech pathology to everyday life. An online version provides interactive figures, audio samples, and video demonstrations. The content can be customized by professors using Internet links or electronic margin notes. Online access is available with the purchase of this textbook.

Subject Category: Language. Speech. Hearing.

Descriptors: Speech-Language Pathology. Audiology. Communication Disorders. Student Study Guide. Diagnosing Communication Disorders. Assessing Communication Disorders. Communication Disorder Intervention.

448. **Factors Predicting Severity of Tinnitus: A Population-Based Assessment.**

Author(s): Sindhusake, D.

Source: American Academy of Audiology. Reston, VA. 15(4):269-80. April 2004.

Availability: Available from the American Academy of Audiology. Publications, 11730 Plaza America Drive, Suite 300, Reston, VA 20190. Voice: 800-AAA-2336; 703-790-8466. Fax: 703-790-8631. Web site: <http://www.audiology.org/>.

Language: English.

Abstract: This report examines the Blue Mountains Hearing Study (BMHS) study and findings, a population-based survey of age-related hearing loss in an older Australian community, conducted during 1997-99, among members of the Blue Mountains Eye Study (BMES) cohort. The BMES assessed 3,654 persons aged 49 years or older, living in two suburban postcode areas west of Sydney Australia, during 1992-94. The BMHS findings indicate that tinnitus affects one in three older Australians in varying degrees, so that 52 percent sought professional help. The researchers aim is to identify factors associated with the severity of tinnitus in 2,015 persons aged over 54 years. Comprehensive questionnaires about hearing were administered. Air- (250-8000 Hz) and bone-conduction (500-4000 Hz) audiometric thresholds of both ears, together with transient evoked and spontaneous otoacoustic emissions, were measured. Factors predicting severity of tinnitus were assessed in Cox proportional hazard models. After multivariate adjustment, factors significantly associated with severe tinnitus were hearing loss (relative risk [RR] 2.9), dizziness (RR 2.0), head injury (RR 2.0), sinus and middle ear infections (RR 1.9), and mastoiditis (RR 3.9). Associations with mild tinnitus included age (RR 0.8), hearing loss (RR 1.4) and history of dizziness (RR 1.5), meningitis (RR 2.2), and migraine (RR 1.5). The researchers conclude that knowledge of these factors could contribute to improved tinnitus management.

Subject Category: Hearing.

Descriptors: Blue Mountains Hearing Study. Tinnitus. Otoacoustic Emission. Tinnitus Severity. Hearing Disorder. Hearing Research. Tinnitus Management.

449. **Parents' Experiences and Perceptions Regarding Early Hearing Aid Use.**

Author(s): Sjoblad, S., Harrison, M., Roush, J.

Source: Washington, DC. Volta Voices. 11(7):8-9. November 2004.

Availability: Available from Alexander Graham Bell Association for the Deaf and Hard of Hearing. 3417 Volta Place, NW, Washington, DC 20007. 202-337-5220; TTY: 202-337-5221; FAX: 202-337-8314. Web site: <http://www.agbell.org>.

Language: English.

Abstract: This article covers topics that can aid parents in understanding the functioning and benefits of hearing aids for child with hearing loss. The authors also address some of the fears and concerns a parent may have about hearing aid fitting and selection and emphasize the importance of parental collaboration with professionals in the field to better manage their child's hearing loss.

Subject Category: Hearing.

Descriptors: Infant Hearing Loss. Children. Hearing Aids. Hearing Assistive Devices. Parent Resource.

450. **Medical Aspects of Acoustic Neuroma Surgery: What to Expect Before and After.**

Author(s): Stefan, M. R.

Source: ANA Notes. Cumming, GA. 89:1. 2004.

Availability: Available from Acoustic Neuroma Association. 600 Peachtree Parkway, Suite 108, Cumming, GA 30041. 770-205-8211; Fax: 770-205-0239. Web site: <http://www.ANAUSA.org>. E-mail: ANAUSA@aol.com.

Language: English.

Abstract: Written especially for patients and their family members, this article contains an overview of what patients should expect during both pre- and post-operative surgical procedure for acoustic neuroma. Topics covered include questions posed to the author during a workshop titled 'General Physical Condition of Acoustic Neuroma Patients' at Acoustic Neuroma Association's (ANA) 16th National Symposium in Anaheim, CA in June 2003. The Acoustic Neuroma Association furnishes information on patient rehabilitation to physicians and health care personnel, promotes research on acoustic neuroma, and educates the public regarding symptoms suggestive of acoustic neuroma, thus promoting early diagnosis and successful treatment.

Subject Category: Hearing.

Descriptors: Acoustic Neuroma. Hearing Disorder. Acoustic Neuroma Treatment. Rehabilitation.

451. **A Proposed Clinical Pathway for Tinnitus Evaluation and Management.**

Author(s): Steiger, J. R., Hamill, T. A.

Source: In: Hearing Journal. 57(7):26. July 2004.

Availability: Available from Lippincott Williams and Wilkins. Customer Service, P.O. 1175, Lowell, MA 01853. (978) 262-9611. Fax: (978) 262-9617. Website: <http://www.thehearingjournal.com/>.

Language: English.

Abstract: The authors developed a flow chart to guide clinicians who are working with tinnitus patients. The 'clinical pathway' presents a potential flow of tinnitus diagnostic, treatment, and management activities.

Subject Category: Hearing.

Descriptors: Hearing Impairment. Tinnitus. Tinnitus Management. Tinnitus Diagnosis. Audiology. Hearing.

452. **Optimizing Amplification for Infants and Young Children.**

Author(s): Stelmachowicz, P.

Source: The ASHA Leader. (9)22:31-32. December, 2004.

Availability: Available from American Speech-Language-Hearing Association. 10801 Rockville Pike, Rockville, MD 20852. Web site: www.professional.asha.org.

Language: English.

Abstract: The success of newborn hearing screening programs has created a need for a well-defined, scientifically based approach for the selection and fitting of hearing aids for the youngest patients. This article discusses the issues surrounding hearing aid fitting and optimization process for children and related research. The author states that the results of future studies will expand the basic knowledge in the industry of the acoustic needs of young children with hearing loss and facilitate the optimization of amplification in this population.

Subject Category: Language. Speech. Hearing.

Descriptors: Children. Neonate Hearing Aid Fitting. Hearing Devices for Children

453. **Surgical Implantable Hearing Aids.**

Author(s): Stewart, J.

Source: In: Middle Ear and Mastoid Surgery: Haberman, R. S., ed. York, PA. Thieme 2004. pp.245-56.

Availability: Available from Thieme New York. 333 Seventh Avenue, New York, NY 10001. Toll-free: (800) 782-3488. Fax: (212) 947-1112. E-mail: customerservice@thieme.com. Web site: <http://www.thieme.com>. ISBN: 1-5889-0173-4. PRICE: \$109 plus shipping and handling.

Language: EN.

Abstract: The authors introduce this chapter from the text *Middle Ear and Mastoid Surgery* with an overview of the technologic advances and innovations that support implantable hearing aids. According to the authors, in the past decade a number of these devices have been introduced but some are no longer available in the competitive market. The authors state further that, with the rapid evolution of hearing aid technology, newer implantable hearing aids will soon emerge. In this chapter the authors provide a summary of implantable hearing aids-BAHA, middle ear implants, and brain stem implants. Cochlear implants were discussed in Chapter 28 of the text. Include figures and references.

Subject Category: Hearing.

Descriptors: Implantable Hearing Aids. Hearing Loss Surgery. Hearing Loss Correction. Hearing Therapy. Hearing Aid Technology. Hearing Assistive Devices. Otolology.

454. ***Making the Most of Your Residual Hearing, Part I.***

Author(s): Steyger, P. S.

Source: Washington, DC. *Volta Voices*. 11(1):36-7. Jan/Feb 2004.

Availability: Available from Alexander Graham Bell Association for the Deaf and Hard of Hearing. 3417 Volta Place, NW, Washington, DC 20007. 202-337-5220; TTY: 202-337-5221; FAX: 202-337-8314. Web site: <http://www.agbell.org>.

Language: English.

Abstract: In this article the author discusses circumstances that can hinder communication between people with hearing loss and their normal hearing friends and how those with hearing impairment can maximize the use of residual hearing for oral communication.

Subject Category: Hearing.

Descriptors: Hard-of-Hearing. Hearing Loss. Hearing Impairment. Residual Hearing.

455. ***Language Development in Children Who Are Prelingually Deaf Who Have Used the SPEAK or CIS Stimulation Strategies Since Initial Stimulation.***

Author(s): Svirsky, M. A.

Source: In: *The Volta Review: Speech and Language Benefits of Cochlear Implantation*. Miyamoto, R.T. Chin, S.B., Ed. Washington, DC. *The Volta Review* 102(4) 199-213. 2000.

Availability: Available from the Alexander Graham Bell Association for the Deaf and Hard of Hearing. Publications Department, 3417 Volta Place, NW, Washington, DC 20007-2778. Voice/TTY: (202) 337-5220. Web site: <http://www.agbell.org>. PRICE: \$24.95 plus shipping and handling.

Language: English.

Abstract: This special issue of *Volta Review* 102(4) provides details for a study to assess language skills pre- and post-implant in 44 pediatric cochlear implant users, using the Reynell Developmental Language Scales (RDLS). The pediatric users were profoundly-to-totally deaf, either at birth or before the age of 3 years; had received cochlear implants before the age of 6; and were programmed with state-of-the-art stimulation strategies (CIS or SPEAK) from the day of initial stimulation. Method, analyses, results, findings, and indications are discussed. The study was supported by a grant to Indiana University from the National Institute on Deafness and Other Communication Disorders (NIDCD).

Subject Category: Speech. Language. Hearing.

Descriptors: Language Development. Pediatric Cochlear Implantation. Infant Deafness. Hearing Research. Pediatric Hearing Loss.

456. ***The Case for LACE: Listening and Auditory Communication Enhancement Training.***

Author(s): Sweetow, R. W., Henderson-Sabes, J.

Source: *Hearing Journal*. 57(3):32. March 2004.

Availability: Available from Lippincott Williams and Wilkins. Customer Service, P.O. 1175, Lowell, MA 01853. (978) 262-9611. Fax: (978) 262-9617.

Language: English.

Abstract: In this article the authors discuss the theoretical foundations of individual Listening and Auditory Communication Enhancement (LACE) training and report on efforts at the University of California, San Francisco (UCSF) to develop a cost-effective method of providing such training.

Subject Category: Hearing.

Descriptors: Hearing Assistive Devices. Audiologists. Audiology.

Deafness. Hearing Impairment. Treating Deafness. Communication. Hearing Research.

457. ***Assessment and Supervision of Educational Interpreters: What Job? Whose Job? Is This Process Necessary?***

Author(s): Taylor, A. C.

Source: In: *Educational Interpreting: How It Can Succeed*, Winston, E.A. Ed. Washington, DC. Gallaudet University Press. p.178-185.

Availability: Available from Gallaudet University Press Denison House. 800 Florida Avenue, NE, Washington, DC 20002. (202) 651-5488 (Voice/TTY); Fax: (202) 651-5489. E-mail: gupress@gallaudet.edu. Web site: <http://gupress.gallaudet.edu>. ISBN 1-56368-309-1. PRICE: \$75 plus shipping and handling.

Language: English.

Abstract: This chapter from *Educational Interpreting: How It Can Succeed* focuses on the job requirements and performance of interpreters in the school setting. Other personnel who may be required to round out the support system for individual deaf and hard-of-hearing students are discussed elsewhere in the text.

Subject Category: Hearing.

Descriptors: Deaf Students. Interpreting. Teaching Deaf Students. Interpreter Training. Interpreters for the Deaf. Interpreting Skills. Interpreting Standards.

458. ***Simple Steps That Make a Difference.***

Author(s): The Mainstream Center, C. S. f. t. D. C. f. O. E.

Source: The Mainstream Center, CLARKE School for the Deaf/Center for Oral Education. 24(2) September 2004.

Availability: Available from The Mainstream Center. CLARKE-School for the Deaf. 48 Round Hill Road, Northampton, MA 01060-2124. Voice: (413) 582-1121. Fax: (413) 586-6645. E-mail: mainstream@clarkeschool.org. Web site: <http://www.clarkeschool.org>.

Language: English.

Abstract: Written for teachers, this article offers some suggestions to improve access to information and enhance communication in the classroom for a student with hearing loss.

Subject Category: Hearing.

Descriptors: Students With Hearing Loss. Teacher Resource. Deafness. Hearing Impaired Students. Children.

459. ***Standardized Admissions Tests and Hearing Loss.***

Author(s): The Mainstream Center, C. S. f. t. D. C. f. O. E.

Source: CLARKE Mainstream News. Northampton, MA. 23(1). January/February 2004.

Availability: Available from The Mainstream Center. CLARKE-School for the Deaf. 48 Round Hill Road, Northampton, MA 01060-2124. Voice: (413) 582-1121. Fax: (413) 586-6645. E-mail: mainstream@clarkeschool.org. Web site: <http://www.clarkeschool.org>. PRICE: \$3 per copy for back issues; Subscriptions: \$25 for individuals and \$75 for schools (8 copies per issue).

Language: English.

Abstract: The author believes that standardized tests are not appropriate for many students with hearing loss because these tests are largely tests of language competence. This article advises teachers how to prepare students who plan to attend college for taking nationally administered standardized screening tests, like the SAT and ACT academic screening tests.

Subject Category: Hearing.

Descriptors: Students With Hearing Loss. Deaf Students. College Preparation for Deaf Students. Teacher Resource. Standardized Academic Screening Tests. Special Needs Children.

460. ***Americans With Disabilities Act and Architectural Barriers Act Accessibility Guidelines, July 23, 2004.***

Author(s): United States Access Board.

Source: Washington, DC. The Access Board. 304pp. 2004.

Availability: Available from The Access Board. 1331 F Street, NW, Suite 1000 Washington, DC 20004-1111. (202) 272-0080; (202) 272-0082 (TTY); (202) 272-0081 (fax); (800) 872-2253; (800) 993-2822 (TTY). E-mail: info@access-board.gov; Website: <http://www.access-board.gov/>.

Language: English.

Abstract: New design guidelines that cover access for people with disabilities under the landmark Americans with Disabilities Act (ADA) of 1990. The guidelines update access requirements for a wide range of facilities in the public and private sectors covered by the law. These new guidelines detail how accessibility is to be achieved in new construction and alterations and provide specifications for various building elements and spaces: ramps, parking, restrooms, and telephones, among others. This document is the culmination of a comprehensive, decade-long review and update of the Access Board's ADA Accessibility Guidelines, which were first published in 1991. Revisions to the guidelines continue to meet the needs of people with disabilities and keep pace with technological innovations. One example is new provisions for ATMs that specify audible output to give people with vision impairments equal access, and reach ranges have been lowered to better serve people who use wheelchairs and persons of short stature. The guidelines feature also a new format and organization and have been extensively edited for greater clarity. The updated guidelines are based largely on recommendations from an advisory committee the Board established for this purpose. The ADAAG Review Advisory Committee represented a cross section of stakeholders: representatives from disability groups, the design profession, and building codes organizations. The final version was further shaped by public input that included over 2,500 draft comment responses to a previously published draft.

Subject Category: Hearing.

Descriptors: Americans With Disabilities Act. Accessibility Guidelines.

461. **Evaluation of Selected Auditory Tests in School-Age Children Suspected of Auditory Processing Disorders.**

Author(s): Vanniasegaram, I., Cohen, M., Rosen, S.

Source: Ear and Hearing: Journal of The American Auditory Society. 25(6): 586-97. December 2004.

Availability: Available from Lippincott Williams and Wilkins. 530 Walnut Street, Philadelphia, PA 19106-3621. Voice: (215) 521-8300. Website: <http://www.ear-hearing.com>.

Language: English.

Abstract: A summary and findings of a study designed to compare the auditory function of a group of 32 children with normal hearing (ages 6-14). The subjects attend mainstream schools and were referred for auditory evaluation because of listening/hearing problems (suspected auditory processing disorders) Thirty-three controls of similar ages with normal hearing were used in the study also. The groups performed four auditory tasks (two verbal and two nonverbal) selected because they have previously exhibited some promise in distinguishing developmentally language-impaired children with auditory processing disorder from those without, and because they appear to test a range of abilities. Findings showed two of the tasks, one verbal and one nonverbal, detected impaired listening skills in 56 percent of the children who were referred to the clinic, compared with 6 percent of the controls: performance on the two tasks was not correlated. According to the research team, these findings highlight the importance of carrying out a complete auditory evaluation in children referred for medical attention, even if their standard audiometric evaluation is unremarkable.

Subject Category: Hearing.

Descriptors: Children. Auditory Processing Disorder. Hearing Disorder. Deafness.

462. **Dietary Considerations With Endolymphatic Hydrops, Meniere's Disease, and Vestibular Migraine.**

Author(s): Vestibular Disorders Association.

Source: Vestibular Disorders Association. 2004.

Availability: Available from the Vestibular Disorders Association. P.O. Box 13305, Portland, OR 97213. (800) 837-8428. E-mail: veda@vestibular.org. Website: <http://www.vestibular.org>. PRICE: \$3 member, \$4 non-member per single copy.

Language: English.

Abstract: This article covers dietary guidelines and goals for maintaining stability in body fluids to minimize fluid imbalances and relieve inner ear pressures that cause Meniere's disease and vestibular migraines. The author gives suggestions for foods and other substances to avoid, like tobacco, and tyramine (a substance found in foods like chocolate, red wine, and ripened cheeses), and MSG.

Subject Category: Hearing. Balance.

Descriptors: Tinnitus. Balance Dysfunction. Inner-Ear Problems.

Headaches. Dizziness. Regulating Inner-Ear Fluid. Managing Ear Disorders.

463. **Progress Achieved In Setting Standards For Hearing Aid/Digital Cell Phone Compatibility.**

Author(s): Victorian, T., Preves, D.

Source: The Hearing Journal 57(9):25. September 2004.

Availability: Available from Lippincott Williams and Wilkins. Customer Service, P.O. 1175, Lowell, MA 01853. (978) 262-9611. Fax: (978) 262-9617. Web site: www.thehearingjournal.com.

Language: EN.

Abstract: In this paper, the authors present a brief history of the development of standards for assessing the comparability of hearing aids and telephones. In particular, the authors discuss standards for measuring the immunity of hearing aids to digital cell telephone (DCT) interference and the harmonization of the IEC and ANSI hearing aid immunity standards.

Subject Category: Hearing.

Descriptors: Hearing Assistive Technology. Hearing Aid. Hearing Technology Advancement. Hearing Aid Immunity Standards. Hearing Aid Standards. Hearing Aid Assessment.

464. **Feasibility of Treating Hearing Disorders With Stem Cells: Update.**

Author(s): Waters, K. C.

Source: ENT: Ear, Nose and Throat Journal. 83(10): 107-17. October 2004.

Availability: Available from Medquest Communications LLC, 3800 Lakeside Avenue, Suite 201, Cleveland, OH 44114. (216) 391-9100. E-mail: circulation@entjournal.com. Web site: <http://www.entjournal.com/>.

Language: English.

Abstract: In this report the authors discuss the feasibility of treating hearing loss with stem cells, a procedure that could, in the future, be a possible cure for some forms of hearing loss. According to the authors, treatment of hearing loss continues to be a major challenge to otolaryngologists, as more than 30 percent of adults over 65 have a debilitating hearing disorder. The authors perceive the recent isolation of adult stem cells from the mouse utricle that have the capacity to differentiate into cells from all three germ layers -- and more importantly, into inner ear hair cells -- as offering a viable option for the treatment of hearing loss. This report indicates that embryonic stem cells are also capable of differentiating into hair cells, further expanding the possibility that in the future restorative treatment of sensorineural hearing loss may be developed.

Subject Category: Hearing.

Descriptors: Hearing Loss. Treating Hearing Loss. Stem Cell Research. Sensorineural Hearing Loss. Embryonic Stem Cells. Adult Stem Cells.

465. **What To Expect If You Need Special Tests.**

Author(s): Wazen, J. J., Mitchell, D.

Source: In: Dizzy: What You Need to Know About Managing and Treating Balance Disorders. Fireside, February, 2004. 174-83 pp. ISBN: 0-7432-3622-X.

Availability: Available from Simon & Schuster Mail Order. 100 Front Street, Riverside, NJ 08075. 1-800-323-7445. E-mail: Consumer.CustomerService@simonandschuster.com. Web site: <http://www.simonsays.com/>. PRICE: \$14 plus shipping and handling.

Language: English.

Abstract: This chapter from a patient guide book on managing and treating balance disorders is intended to help patients understand what to expect from 'special' testing and how these additional tests can provide information to help their doctors decide the best treatment approach for their dizziness and specific balance disorder.

Subject Category: Balance. Hearing.

Descriptors: Dizziness. Balance Disorder. Inner Ear Disorder. Vertigo. Vestibular Disorders. Balance Disorder Screening.

466. **Drugs and Environmental Causes.**

Author(s): Wazen, J. J., Mitchell, D.

Source: In: Dizzy: What You Need to Know About Managing and Treating Balance Disorders. Fireside, February, 2004. 145-64 pp. ISBN: 0-7432-

3622-X.

Availability: Available from Simon & Schuster Mail Order. 100 Front Street, Riverside, NJ 08075. 1-800-323-7445. E-mail: Consumer.CustomerService@simonandschuster.com. Web site: <http://www.simonsays.com/>. PRICE: \$14 plus shipping and handling.
Language: English.

Abstract: In this chapter from a patient guide book on managing and treating balance disorders, the authors talk about toxic substances in our lives that cause us harm--in this case, lightheadedness, dizziness, vertigo, unsteadiness, and other similar symptoms. The authors discuss the two categories of toxic substances--those we ingest intentionally, like over-the-counter and prescription drugs, alcohol, caffeine, and nicotine; and the environmental toxins that include pollution and toxins found in the air, water, food, and common objects we use or come in contact with in our daily lives. The goal is to make the reader more aware of these toxic substances to better work with their healthcare providers to uncover the true source of the balance problem.

Subject Category: Balance. Hearing.

Descriptors: Dizziness. Balance Disorder. Inner Ear Disorder. Vertigo. Meniere's Disease. Vestibular Disorders. Balance Disorder Causes. Environmental Toxins. Drug Side Effects.

467. *Other Inner Ear Disorders.*

Author(s): Wazen, J. J., Mitchell, D.

Source: In: Dizzy: What You Need to Know About Managing and Treating Balance Disorders. Fireside, February, 2004. 67-81 pp. ISBN: 0-7432-3622-X.

Availability: Available from Simon & Schuster Mail Order. 100 Front Street, Riverside, NJ 08075. 1-800-323-7445. E-mail: Consumer.CustomerService@simonandschuster.com. Web site: <http://www.simonsays.com/>. PRICE: \$14 plus shipping and handling.
Language: English.

Abstract: In this chapter from a patient guide book on managing and treating balance disorders, the authors discuss less common disorders of the inner ear that can result in dizziness and balance dysfunction. These disorders include labyrinthitis, vestibular neuritis, perilymphatic fistula, cholesteatoma, otosclerosis, and height dizziness/vertigo.

Subject Category: Balance. Hearing.

Descriptors: Dizziness. Balance Disorder. Inner Ear Disorder. Vertigo. Vestibular Disorders. Ear Trauma. Ear Infection.

468. *Surgical and Medical Procedures.*

Author(s): Wazen, J. J., Mitchell, D.

Source: In: Dizzy: What You Need to Know About Managing and Treating Balance Disorders. Fireside, February, 2004. 221-7 pp. ISBN: 0-7432-3622-X.

Availability: Available from Simon & Schuster Mail Order. 100 Front Street, Riverside, NJ 08075. 1-800-323-7445. E-mail: Consumer.CustomerService@simonandschuster.com. Web site: <http://www.simonsays.com/>. PRICE: \$14 plus shipping and handling.
Language: English.

Abstract: According to the authors of a patient guide book on managing and treating balance disorders, a small percentage of people who have a vestibular condition select surgery when the condition is unresponsive to other treatment and rehabilitation approaches. In this chapter, the authors discuss the various surgical procedures for vestibular conditions.

Subject Category: Balance. Hearing.

Descriptors: Dizziness. Balance Disorder. Vestibular Disorder. Vestibular Disorder Surgery. Inner Ear Disorder. Vertigo. Balance Disorder Treatment.

469. *Common Inner Ear Disorders.*

Author(s): Wazen, J. J., Mitchell, D.

Source: In: Dizzy: What You Need to Know About Managing and Treating Balance Disorders. Fireside, February, 2004. 47-65 pp. ISBN: 0-7432-3622-X.

Availability: Available from Simon & Schuster Mail Order. 100 Front Street, Riverside, NJ 08075. 1-800-323-7445. E-mail: Consumer.CustomerService@simonandschuster.com. Web site: <http://www.simonsays.com/>. PRICE: \$14 plus shipping and handling.
Language: English.

Abstract: In this chapter from a patient guide book on managing and treating balance disorders, the authors discuss the most common

disorders of the inner ear that are responsible for dizziness, vertigo, and balance problems. Specific disorders covered include benign paroxysmal positional vertigo, Meniere's disease, recurrent vestibulopathy, and motion sickness.

Subject Category: Balance. Hearing.

Descriptors: Dizziness. Balance Disorder. Inner Ear Disorder. Vertigo. Meniere's Disease. Vestibular Disorders. Balance Disorder Therapy. Balance Rehabilitation.

470. *Educational Interpreting: How It Can Succeed.*

Author(s): Winston, E. A.

Source: Washington, DC. Gallaudet University Press. 224pp.

Availability: Available from Gallaudet University Press Denison House. 800 Florida Avenue, NE, Washington, DC 20002. (202) 651-5488 (Voice/TTY); Fax: (202) 651-5489. E-mail: gupress@gallaudet.edu. Web site: <http://gupress.gallaudet.edu>. ISBN 1-56368-309-1. PRICE: \$75 plus shipping and handling.

Language: English.

Abstract: This book explores the current state of educational interpreting and its failures. The contributors include former educational interpreters, teachers of deaf students, interpreter trainers, and deaf recipients of interpreted educations. The text deals specifically with the issues in three distinct sections. Part 1 focuses on deaf students: their perspectives on having interpreters in the classroom, the language myths that surround them, the accessibility of language to them, and their cognition; part 2 raises questions about the support and training that interpreters have in and from the school systems, the qualifications that many interpreters bring to an interpreted education, and the accessibility of everyday classrooms for deaf students placed in such environments; and part 3 presents a few of the possible suggestions for addressing the concerns of interpreted educations, and focuses primarily on the interpreter.

Subject Category: Hearing.

Descriptors: Deaf Students. Interpreting. Teaching Deaf Students. Interpreter Training. Interpreters for the Deaf. Interpreting Skills. Interpreting Standards.

471. *Advanced Material Technology Facilitates New Approaches to Industrial Hearing Protection.*

Author(s): Woo, E.

Source: The Hearing Review. 11(10):36. September 2004.

Availability: Address correspondence to Edwin Woo, 7828 Waterville Rd., San Diego, CA 92154. E-mail: ewoo@bacou-dalloz.com.

Language: EN.

Abstract: New materials in earplugs and earmuffs are changing how we look at the aspects of caring, comfort, convenience, and communication in workplace hearing conservation. In this article the author discusses a few initiatives and advances in the hearing protection industry.

Subject Category: Hearing.

Descriptors: Hearing Protection. Hearing Technology. Industrial Hearing Protection. Workplace Hearing Protection. Noise Pollution. Noise Induced Hearing Loss. Workers Health.

472. *A Hole in the Weather Warning System.*

Author(s): Wood, V. T., Weisman, R. A.

Source: Hearing Loss. Bethesda, MD. 25(1):10 Jan/Feb 2004.

Availability: Available from Self help for Hard of Hearing People. 7910 Woodmont Avenue, Suite 1200, Bethesda, MD 20814. Voice: (301) 657-2248. TTY (301) 657-2249. Web site: www.shhh.org.

Language: English.

Abstract: A look at where the country has been and what systems are in place currently for alerting people with hearing loss to weather emergencies.

Subject Category: Hearing.

Descriptors: Hearing Loss. Emergency Warning Systems. Weather Warning Devices. Weather Emergency. Emergency Preparedness.

473. *Gallaudet University Press [Catalog].*

Source: Washington, D.C.: Gallaudet University Press. 2005. 40 pp.

Availability: Available from Gallaudet University Press. Chicago Distribution Center, 11030 South Langley Avenue, Chicago, IL 60628. (800) 621-2736. Voice/TTY (888) 630-9347. Fax: (800) 621-8476. PRICE:

Single copy free.

Language: English.

Abstract: This catalog lists publications and videotapes available from the Gallaudet University Press. Materials are categorized as follows: new titles; recently released titles; bestselling sign books; American Sign Language; Signum Verlag books; signed English; general interest; deaf studies; deaf culture; language assessment/special education; deaf history; audiology; parenting; children's bestsellers; children's videotapes/books; signed English children's books; children's books; and young adult books. The catalog includes ordering information, a subject index, and an order form.

Subject Category: Hearing.

Descriptors: Communication Disorders. Information Resources. Deaf Community. Cultural Factors. Sign Language. Audiology. Speechreading. American Sign Language. Parenting. Children. Audiovisual Materials. Instructional Materials.

474. **Boys Town Press: 2005 Catalog.**

Source: Boys Town, NE: Boys Town Press. 2005. [45 p.].

Availability: Available from Boys Town Press. 14100 Crawford Street, Boys Town, NE 68010. (800) 282-6657 or (402) 498-1320. Fax: (402) 498-1310. E-mail: btpress@boystown.org. Website: www.girlsandboystown.org/products/btpress/. PRICE: Single copy free.

Language: English.

Abstract: This regularly published catalog lists products available from the Boys Town Press. Materials are listed on such topics as child abuse, alcohol, aggression, child care, classroom management, deafness, discipline, drugs, eating disorders, faith, family preservation, foster care, hearing impairment, homework, learning problems, mental health, parenting, peer pressure, praise, relationships, self-esteem, sexual abuse, shelter care, sign language, social skills, spirituality, storytelling, substance abuse, suffering, suicide, television, training, and youth care. Each item is described and illustrated with a full-color photograph; prices are noted.

Subject Category: Hearing. Language.

Descriptors: Communication. Instructional Materials. Deafness. Parenting. Child Development. Psychosocial Factors. Children. Adolescents. Sign Language. Education. Family. Social Skills. Professional-Patient Relations. Therapy. Counseling. Professional Education.

475. **Directory: Information Resources for Human Communication Disorders. 2005.**

Source: Washington, DC: National Institute on Deafness and Other Communication Disorders (NIDCD) Information Clearinghouse. 2005.

Availability: Available from National Institute on Deafness and Other Communication Disorders (NIDCD) Information Clearinghouse. 1 Communication Avenue, Bethesda, MD 20892-3456. Voice: (800) 241-1044. TTY (800) 241-1055. Fax: (301) 770-8977. E-mail: nidcdinfo@nidcd.nih.gov. Website: www.nidcd.nih.gov. PRICE: Single copy free.

Language: English.

Abstract: This directory is designed to encourage networking among individuals and organizations that have an interest in deafness and other communication disorders. The main body of the directory includes organizations that are national in scope and that focus on health issues relating to hearing, balance, smell, taste, voice, speech, and language. Each organization's entry lists the name of the organization; administrators; address; telephone, TTY and Fax; numbers; E-mail address and URL; a brief description of the organization; and a list of any publications the organization produces. An appendix lists organizations with a broader focus (i.e., disability issues, special education) that also encompass communication disorders. An index by organization name is also provided. A searchable version of the directory is available at <http://www.nidcd.nih.gov/health/directory/index.asp>.

Subject Category: Hearing. Balance. Taste. Smell. Voice. Speech. Language.

Descriptors: Deafness. Communication Disorders. Information Resources. Organizations. Professional Organizations. Voluntary Organizations. Advocacy. Speech Language Pathology. Otolaryngology. Sensory Disabilities. Hearing Loss. Conferences. Voice Disorders.

476. **Communication Aids for Children and Adults.**

Source: Milwaukee, WI: Crestwood Communication Aids, Inc. 2005. (32 p.).

Availability: Available from Crestwood Communication Aids, Inc. 6625 North Sidney Place, Milwaukee, WI 53209-3259. (414) 352-5678. Fax: (414) 352-5679. E-mail: crestcomm@aol.com. Website: <http://www.communicationaids.com>. PRICE: Single copy free.

Language: English.

Abstract: This annually published catalog presents a line of assistive and adaptive equipment designed to facilitate communication for children and adults with communication disorders. Products include functional picture cards, including those for sign language; carrying cases and boards for picture cards; communication boards; attention-getting beepers and lights; communication boards for communicating with the eyes only; spell checkers and dictionaries; wheelchair and table mounting kits; voice amplifiers; portable electronic communicators; remote control systems; electrical and electronic systems to configure various communication aids; articulation and language objects kits; language skills tools; eating and drinking aids; and adapted toys. Many of the products focus on survival living skills and everyday situations.

Subject Category: Language. Hearing. Speech.

Descriptors: Adaptive Equipment. Assistive Devices. Communication Disorders. Adults. Children. Communication Devices. Sign Language. Equipment and Supplies. Accessibility. Physical Disabilities. Multiple Disabilities. Computers.

477. **Potomac Technology: Assistive Devices Catalog.**

Source: Rockville, MD: Potomac Technology. 2005. 68pp.

Availability: Available from Potomac Technology. One Church Street, Suite 101, Rockville, MD 20850-4158. Voice/TTY (800) 433-2838 or (301) 762-4005. Fax: (301) 762-1892. E-mail: info@potomactech.com; Web site: www.potomactech.com. PRICE: Single copy free.

Language: English.

Abstract: This catalog lists the assistive devices available through the Potomac Technology corporation. Products are listed in twelve categories: alarm clocks and wake-up devices, alerting systems, assistive listening devices, smoke detectors, Ultratec TTYs and signalers, signalers, signalers-automobile, telecaption decoders, telephones, TTY/voice answering machines, telephone amplifiers and amplified ringers, and miscellaneous. Each item is described and illustrated with a black-and-white photograph. An order form is included in a pocket at the end of the catalog.

Subject Category: Hearing. Speech.

Descriptors: Hearing Loss. Deaf Persons. Hearing Impaired Persons. Equipment and Supplies. Assistive Devices. TDD-TT. Amplifiers. Assistive Listening Devices. Telecommunication. Telephone. Tactile Aids. Alerting Devices.

478. **Your Guide to Better Hearing.**

Source: Washington, DC: Better Hearing Institute. 2005. 29pp.

Availability: Available from Better Hearing Institute (BHI). 515 King Street, Suite 420, Alexandria, VA 22314. (800) EAR-WELL or (703) 684-3391. Fax: (703) 684-6048. E-mail: mail@betterhearing.org. Website: www.betterhearing.org. PRICE: Single copy free; bulk orders available.

Language: English.

Abstract: This brochure provides general information about hearing and hearing loss. Topics include tinnitus (ringing in the ears), improvements in medical diagnosis and treatment of hearing loss, improvements in audiologic assistance and technology, hearing conservation, hearing aid dispensing, and information for the family and friends of people with hearing loss. The brochure includes a hearing self-test with which readers can determine if they have a hearing loss. The author encourages readers to address potential hearing loss in order to take a more active, vital role in their own lives.

Subject Category: Hearing. Balance.

Descriptors: Hearing. Hearing Loss. Health Education. Diagnosis. Aural Rehabilitation. Hearing Aids. Quality of Life. Hearing Evaluation. Deafness. Tinnitus. Hearing Conservation. Etiology. Psychosocial Factors. Family. Audiology. Hearing Aid Dispensing.

479. **College Bound, Young Scholars Program, Summer Science Program.**

Source: Washington, DC: Honors Program, Gallaudet University. 2005. 4 p.

Availability: Available from Honors Program. Gallaudet University, 800 Florida Avenue, N.E., Washington, DC 20078-0603. (202) 448-6930 (Summer Dept.); Fax: (202) 651-5065. PRICE: Single copy free.

Language: EN.

Abstract: This brochure describes three summer programs offered at Gallaudet University for teenagers who are deaf. College Bound is a week-long program for students who are either exploring the possibility of going to college or trying to decide which college they want to attend. The Young Scholars Program (YSP) is a four-week program for talented and gifted deaf students ages 14 to 17. Each year the theme for YSP changes. The Summer Science Program (SSP) is a four-week program designed for young scientists ages 14 to 16 years who wish to develop their science skills and to explore science as a possible career. The brochure includes a postage-paid postcard for obtaining additional information.

Subject Category: Hearing.

Descriptors: Deaf Persons. High School Students. Educational Programs. College Education. Science Education. Education of the Hearing Impaired.

480. **2005 Krames Patient Education Catalog.**

Source: Yardley, PA. KRAMES. 2005. 123 p.

Availability: Available from KRAMES Order Department. 780 Township Line Road, Yardley, PA 19067-4200. (800) 333-3032. Fax: (866)722-4377. E-mail: info@krames.com; Web site: www.krames.com. PRICE: Single copy free.

Abstract: This catalog lists the patient education brochures available from Krames Communications. Brochures are listed in twenty categories: cardiovascular disease, gastroenterology, general health and prevention, general surgery, home health care, neurology, neurosurgery, obstetrics and gynecology, ophthalmology, orthopedics, otolaryngology, physical therapy, pre-admissions and surgery, pulmonary disease, radiology, staff safety and health, Spanish-language titles, thoracic surgery, urology, and vascular surgery. Materials in the otolaryngology section include those on Meniere's disease, snoring and sleep apnea, hearing aids, dizziness and vertigo, temporomandibular disorders, cosmetic surgery, treating middle ear infections, tonsillectomy and adenoidectomy, endoscopic sinus surgery, nasal problems, problem sinuses, nasal surgery, and nasal allergies. In the catalog, each brochure is described and illustrated; pricing information is included.

Subject Category: Balance. Hearing. Smell.

Descriptors: Patient Education. Instructional Materials. Otolaryngology. Menieres Disease. Hearing Aids. Dizziness. Vertigo. Cosmetic Surgery. Surgery. Preoperative Care. Postoperative Care. Otitis Media. Sinus Disorders. Tonsillectomy. Adenoidectomy.

481. **Conney: First in First Aid.**

Source: Madison, WI: Conney Safety Products. 2005. 463 p.

Availability: Available from Conney Safety Products. 3202 Latham Drive, P.O. Box 44190, Madison, WI 53744-4190. (800) 356-9100. PRICE: Single copy free.

Language: EN.

Abstract: This catalog presents the products available from the Conney Safety Products company. Of special interest are the hearing protection products, which include a variety of earplugs, hearing protectors, and earmuffs. Each product is illustrated with a full-color photograph and pricing information, including bulk discounts, is noted.

Subject Category: Hearing.

Descriptors: Hearing Loss. Hearing Protection Devices. Equipment and Supplies. Noise-Induced Hearing Loss. Prevention.

482. **Vertigo and Dizziness: Advanced Diagnostic Testing and Treatment Now Available.**

Author(s): ADVANCE for Speech-Language Pathologists and Audiologists.

Source: ADVANCE for Speech-Language Pathologists and Audiologists 15(6):14. February 2005.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. (610) 278-1400. E-mail: advance@merion.com. Website: www.advancweb.com.

Language: English.

Abstract: This article presents an overview of known causes of vertigo and dizziness. The author encourages those affected by vertigo and

dizziness, even long-time sufferers, to seek medical help and explore different treatment options.

Subject Category: Balance. Hearing.

Descriptors: Balance Disorder Treatment. Dizziness. Vertigo Screening. Rehabilitation.

483. **Pediatric SNHL. CT Scans Provide Insight Into Possible Cause.**

Author(s): ADVANCE for Speech-Language Pathologists and Audiologists.

Source: ADVANCE for Speech-Language Pathologists and Audiologists 15(23):5. June 2005.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. (610) 278-1400. E-mail: advance@merion.com. Website: www.advancweb.com.

Language: English.

Abstract: The article is a review of a recent study in which the research team sought to identify radiological predictive factors of sensorineural hearing loss (SNHL) in infants. In the process, the team established the normal measurement of the cochlea in children without SNHL to compare the values with those obtained in a large group of children with SNHL. This article provides a review of the research and the researchers' findings.

Subject Category: Hearing.

Descriptors: Pediatric Sensorineural Hearing Loss. Childhood Deafness. Infant Hearing Loss. Infant Hearing Screening.

484. **When the Immune System Attacks: New Help for Those Who Become Deaf.**

Author(s): ADVANCE for Speech-Language Pathologists and Audiologists.

Source: ADVANCE for Speech-Language Pathologists and Audiologists. 15(35):6.66. August 29, 2005.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. (800) 355-5627, ext. 1446. (610) 278-1400. E-mail: advance@merion.com. Website: www.advancweb.com.

Language: English.

Abstract: This article reports on a study that compared people with rapidly progressing hearing loss and people with normal hearing. More than half of the people with hearing loss had antibodies against a protein found in the inner ear, indicating that their immune systems recognized the inner ear supporting cell antigen (IESCA) as foreign. Almost half of the patients experienced improvement in their hearing after steroid treatment. The majority of those who improved had a positive immunofluorescence test for an antibody to IESCA. Results suggest that a direct test for antibodies could predict accurately which patients would regain hearing with steroid treatment.

Subject Category: Hearing.

Descriptors: Sensorineural Hearing Loss. Inner Ear. Immune System. Autoimmune Diseases. Drug Therapy. Steroids.

485. **Noise and Child Health: Effect on Reading and Memory.**

Author(s): ADVANCE for Speech-Language Pathologists and Audiologists.

Source: ADVANCE for Speech-Language Pathologists and Audiologists 15(26):5. June 2005.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. (610) 278-1400. E-mail: advance@merion.com. Website: www.advancweb.com.

Language: English.

Abstract: This article reviews a study about the effects of environmental noise on children's health and the research findings.

Subject Category: Hearing.

Descriptors: Noise Pollution. Noise-Induced Hearing Loss. Children's Health.

486. **Children With SNHL Should Be Tested With GJB2 Screen.**

Author(s): ADVANCE for Speech-Language Pathologists and Audiologists.

Source: ADVANCE for Speech-Language Pathologists and Audiologists

15(25):4. June 2005.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. (610) 278-1400. E-mail: advance@merion.com. Website: www.advancweb.com.

Language: English.

Abstract: Based on test-specific medical savings analyses, children with severe to profound sensorineural hearing loss (SNHL) should undergo GJB2 genetic testing first, as opposed to children with milder types, who should have imaging tests. These findings were presented recently at the Annual Meeting of the American Society of Pediatric Otolaryngology (ASPO) and are discussed in this article.

Subject Category: Hearing.

Descriptors: Children With Hearing Loss. Hearing Research. Congenital Hearing Loss. Hearing Impairment.

487. ***New Minimal Approach in Cochlear Implant Surgery: The Colombian Experience.***

Author(s): Almario, J. E., Lora, J. G., Prieto, J. A.

Source: Otolaryngology-Head and Neck Surgery. 133(1):147-149. July 2005.

Availability: Available from Elsevier Science. (800) 654-2452. Fax: (212) 633-3820. E-mail: reprints@elsevier.com. Website: www.us.elsevierhealth.com.

Language: English.

Abstract: This article describes a study that illustrated the advantages of a new skin incision for cochlear implant surgery for children and adults and its feasibility for the cochlear implants currently available. The authors prospectively evaluated five female and seven male patients who underwent implantations between December 2001 and December 2002 using this new surgical approach. A Clarion device was used in 11 patients, and a Nucleus in one patient. The minimal invasive approach was accomplished in all patients without any complications. The mean surgical time was 3.2 hours, and the mean time between surgery and the process of programming the external system was 2.7 weeks. The authors concluded that the new surgical approach decreased postoperative edema and allowed programming of the implant in a shorter period of time. 3 figures. 4 references. (AA-M).

Subject Category: Hearing.

Descriptors: Cochlear Implants. Surgical Techniques. Postoperative Complications.

488. ***Role of Tumor Necrosis Factor-Alpha in Sensorineural Hearing Loss After Bacterial Meningitis.***

Author(s): Aminpour, S., Tinling, S. P., Brodie, H. A.

Source: Otolaryngology & Neurotology. 26(4):602-609. July 2005.

Availability: Reprints available from Dr. Hilary A. Brodie, Department of Otolaryngology, University of California, Davis, School of Medicine, 1515 Newton Court, Davis, CA 95616. E-mail: habrodie@ucdavis.edu.

Language: English.

Abstract: This article describes a study that determined whether the blockade of tumor necrosis factor (TNF)-alpha with TNF-alpha antibody will reduce the extent of cochlear injury and hearing loss associated with streptococcus pneumoniae meningitis. Fifty Mongolian gerbils were divided into four groups. Streptococcus pneumoniae meningitis was induced in groups one and two. Group two was given a single intraperitoneal injection of TNF-alpha antibody, whereas group one received phosphate-buffered saline. Uninfected animals in groups three and four were implanted with osmotic pumps that delivered a continuous 8-day intrathecal flow of either TNF-alpha (group four) or phosphate-buffered saline (group three). Group two animals with streptococcus pneumoniae meningitis and received TNF-alpha antibody developed significantly less hearing loss than group one animals with meningitis alone. The decrease in the average threshold at 4, 8, 16, and 32 kHz was 31, 30, 25, and 28 decibels of sound pressure level, respectively. Histomorphometric analysis showed significantly less damage to the organ of Corti, spiral ganglion and ligament, and stria vascularis in group two. Conversely, TNF-alpha induced meningitis animals showed increased hearing loss compared with phosphate-buffered saline controls. The article concludes that TNF-alpha plays an important role in cochlear injury after bacterial meningitis. 5 figures. 3 references. (AA-M).

Subject Category: Hearing.

Descriptors: Sensorineural Hearing Loss. Cochlea. Bacterial Infections. Meningitis. Inflammation. Etiology. Animal Studies.

489. ***The Inhibitory Effect of Intravenous Lidocaine Infusion on Tinnitus After Translabyrinthine Removal of Vestibular Schwannoma: A Double-Blind, Placebo-Controlled, Crossover Study.***

Author(s): Baguley, D. M.

Source: Otolaryngology & Neurotology. 26(2):169-176. March 2005.

Availability: Available from Lippincott Williams and Wilkins. Customer Service, P.O. 1175, Lowell, MA 01853. (978) 262-9611. Fax: (978) 262-9617.

Language: English.

Abstract: As stated in the authors' statement of research objective, intravenous infusion of lidocaine has previously been demonstrated to have a transient inhibitory effect on tinnitus in 60 percent of individuals. They state also that the site of action has variously been proposed as the cochlea, the cochlea nerve, and the central auditory pathways. To determine whether a central site of action exists, this study investigated the effect of intravenous infusion of lidocaine in individuals with tinnitus who had previously undergone translabyrinthine excision of a vestibular schwannoma, which involves division of the cochlear nerve. In their conclusion, the researchers report that intravenous infusion of lidocaine has a statistically significant inhibitory effect on tinnitus in patients who have previously undergone translabyrinthine removal of a vestibular schwannoma. They state also that site of action of lidocaine in this instance must be in the central auditory pathway, as the cochlear and vestibular nerves are sectioned during surgery, and this finding has important implications for the task of identifying other agents that will have a similar tinnitus-inhibiting effect.

Subject Category: Hearing.

Descriptors: Hearing Research. Post Operative Tinnitus. Vestibular Schwannoma.

490. ***Intratympanic Corticosteroids for Sudden Idiopathic Sensorineural Hearing Loss.***

Author(s): Banerjee, A., Parnes, L. S.

Source: Otolaryngology & Neurotology. 26(5):878-881. September 2005.

Availability: Reprints available from Dr. Lorne S. Parnes, University of Western Ontario, Department of Otolaryngology, 339 Windermere Road, Room 60F15, London, Ontario, N6A 5A5 Canada. E-mail: parnes@uwo.ca.

Language: English.

Abstract: This article describes a study that evaluated the effectiveness of intratympanic steroids in the treatment of sudden idiopathic sensorineural hearing loss (SSHL). Researchers conducted a retrospective chart review of all patients who underwent intratympanic steroid treatment between 1996 and 2002 at a university-based tertiary care otology clinic between 1996 and 2002. They compared pretreatment and posttreatment pure tone audiograms and speech discrimination scores for 26 patients. Overall, there was a 27.2 plus or minus 5.7 decibel improvement in the pure tone thresholds, and a 25.4 plus or minus 6.2 percent improvement in speech discrimination scores. Those treated within 10 days of onset had a statistically significant better outcome than those treated after 10 days. No adverse reactions or complications were reported. The authors conclude that instillation of intratympanic steroids represents a safe and potentially effective treatment of SSHL. 4 tables. 18 references. (AA-M).

Subject Category: Hearing.

Descriptors: Sensorineural Hearing Loss. Tympanic Membrane. Steroids. Drug Therapy. Treatment Efficacy.

491. ***Plasticity of the Central Auditory System: Its Role in Auditory Rehabilitation.***

Author(s): Banotai, A.

Source: ADVANCE for Speech-Language Pathologists and Audiologists 15(25):6. June 2005.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. (610) 278-1400. E-mail: advance@merion.com. Website: www.advancweb.com.

Language: English.

Abstract: Information gleaned from a decade of research on the effects of aging on the central auditory system and its plasticity may provide hearing scientists and audiologists with an alternative perspective to the current device-centered approach to auditory rehabilitation. In this article, the author elaborates on how the science can be used to facilitate better rehabilitation approaches for both client and practitioner.

Subject Category: Hearing.

Descriptors: Hearing Rehabilitation. Hearing Impairment. Deafness Research. Hearing Assistive Devices.

492. **Self Help for Hard of Hearing People (SHHH) National Update.**

Author(s): Battat, B.

Source: Hearing Loss. Bethesda, MD. Nov/Dec 2004.

Availability: Available from Self Help for Hard of Hearing People. 7910 Woodmont Avenue, Suite 1200, Bethesda, MD 20814. Voice: (301) 657-2248. TTY (301) 657-2249. Web site: www.shhh.org.

Language: English.

Abstract: As an advocate for individuals with hearing loss, SHHH has for several years joined with others to refine requirements for improving access for persons with hearing-impairment. This article presents some important revisions to the original Americans With Disability Act (ADA) guidelines.

Subject Category: Hearing.

Descriptors: Hearing Advocacy. Americans With Disability Act. ADA Guidelines. Access Board. People With Disabilities.

493. **Becoming Friends With Your New Hearing Aids.**

Author(s): Bauman, N.

Source: Hearing Loss. Bethesda, MD. Nov/Dec 2004.

Availability: Available from Self Help for Hard of Hearing People. 7910 Woodmont Avenue, Suite 1200, Bethesda, MD 20814. (301) 657-2248. TTY: (301) 657-2249. Website: www.shhh.org.

Language: English.

Abstract: A hearing aid wearer shares his experience with acquiring and wearing a hearing aid for the first time and gives helpful advice for other new hearing aid wearers, based on his experiences.

Subject Category: Hearing.

Descriptors: Hearing Aids. Deafness. Hearing Impairment. Using Hearing Assistive Devices. Adjusting to Hearing Aids.

494. **Preoperative Computerized Dynamic Posturography As a Prognostic Indicator of Balance Function in Patients With Acoustic Neuroma.**

Author(s): Bergson, E., Sataloff, R. T.

Source: ENT: Ear, Nose and Throat Journal. 84(3): 154-56. March 2005.

Availability: Available from Medquest Communications LLC, 3800 Lakeside Avenue, Suite 201, Cleveland, OH 44114. (216) 391-9100. E-mail: circulation@entjournal.com. Web site: <http://www.entjournal.com/>.

Language: English.

Abstract: This study was conducted to determine the prognostic reliability of preoperative computerized dynamic posturography (CDP) in patients undergoing surgical excision of an acoustic neuroma. The researchers want to determine the correlation between objective preoperative assessments of balance function and subjective postoperative patient self-assessments. The research team retrospectively reviewed the records of 21 adults who had undergone preoperative CDP, and subsequently obtained their subjective assessments of balance function by follow-up telephone surveys at least 1 year postoperatively. Based on the results, the authors conclude that although CDP has proven to be useful in many aspects of balance evaluation, it did not appear to be a valuable predictor of subjective postoperative balance function in these patients.

Subject Category: Hearing. Balance.

Descriptors: Acoustic Neuroma. Postoperative Balance Function. Hearing Research. Computerized Dynamic Posturography. Inner Ear Disorder.

495. **Hearing Loss and Auditory Function in Sickle Cell Disease.**

Author(s): Burch-Sims, G. P., Matlock, V. R.

Source: Journal of Communication Disorders. 28(4):321-329. July-August 2005.

Availability: Available from Elsevier Science. (800) 654-2452. Fax: (212) 633-3820. E-mail: reprints@elsevier.com. Website: www.us.elsevierhealth.com.

Language: English.

Abstract: Sickle cell disease is described in this paper as a significant health problem affecting 1 in 400 African-Americans in the United States.

The authors state also that 1 in 10 African-Americans in the United States has sickle cell trait. This paper shows the relationship between sickle cell anemia and hearing loss. The authors discuss the genetic characteristics and the pathophysiology of sickle cell disease; prevalence and predominate site of hearing loss and/or auditory dysfunction during sickle cell crisis and with the disease under control (non-crisis); a model for appropriate audiological assessment and treatment of sickle cell disease patients, including published results of investigations utilizing this model. Based on the diversity of results and speculative etiology presented here and in the literature, the authors conclude that the relationship between sickle cell anemia, auditory sensitivity, and auditory function warrants still further investigation.

Subject Category: Hearing.

Descriptors: Sickle Cell Crisis. Hearing Impairment. Sensorineural Hearing Loss. African Americans. Deafness and Ethnicity. Hearing Problem. Hearing Function. Hereditary Disorder.

496. **Clear Speech for Adults With a Hearing Loss: Does Intervention With Communication Partners Make a Difference?**

Author(s): Caissie, R.

Source: Journal of the American Academy of Audiology. 16(3):157-171. March 2005.

Availability: Available from the American Academy of Audiology. Publications, 11730 Plaza America Drive, Suite 300, Reston, VA 20190. (800) AAA-2336; (703) 790-8466. Fax: (703) 790-8631. Website: <http://www.audiology.org/>.

Language: English.

Abstract: This article provides details of a two-part study to determine whether spouses of persons with hearing loss require intervention to achieve and maintain clear speech over time. The authors also give a brief review of the basis for the research. For part one of the study, the researchers obtained speech acoustic measures for a talker before and after receiving a clear speech intervention session and for a talker before and after receiving only simple instructions to speak clearly. Measures were taken 1 month later to determine if the effects of the training were lasting. Part two of the study investigated whether adults with a hearing loss found clear speech produced after intervention easier to recognize than clear speech produced after instructions only. The results and findings are discussed in detail.

Subject Category: Hearing. Speech.

Descriptors: Audiologic Rehabilitation. Aural Rehabilitation. Audiology. Clear Speech. Communication Strategies. Hearing Impaired.

497. **A Guide to Understanding Craniosynostosis Syndrome.**

Author(s): Children's Craniofacial Association.

Source: Children's Craniofacial Association. 2005. 5 pp.

Availability: Available from Children's Craniofacial Association. 13140 Colt Road, Suite 307, Dallas, TX 75240. (800) 535-3643 or (214) 570-9099; Fax: (214) 570-8811. PRICE: Free.

Language: English.

Abstract: This parent's guide to craniosynostosis is designed to answer questions frequently asked by parents of children with craniosynostosis. It is intended to provide a clear understanding of the condition for patients, parents, and others.

Subject Category: Hearing. Speech.

Descriptors: Birth Defect. Genetic Disorder. Plagiocephaly. Trigonoccephaly. Scaphocephaly. Crouzon Syndrome. Craniofacial Deformity. Children With Hearing Problems.

498. **A Guide to Understanding Crouzon Syndrome.**

Author(s): Children's Craniofacial Association.

Source: Children's Craniofacial Association. 2005. 5 pp.

Availability: Available from Children's Craniofacial Association. 13140 Colt Road, Suite 307, Dallas, TX 75240. (800) 535-3643 or (214) 570-9099; Fax: (214) 570-8811. PRICE: Free.

Language: English.

Abstract: This parent's guide to crouzon syndrome provides answers to questions frequently asked by parents of children with crouzon syndrome. It is intended to provide a clear understanding of the condition for patients, parents, and others.

Subject Category: Hearing. Speech.

Descriptors: Birth Defect. Genetic Disorder. Malocclusion. Craniofacial Defect. Facial Deformity. Children With Hearing Problems.

499. **A Guide to Understanding Hemifacial Microsomia.**

Author(s): Children's Craniofacial Association.

Source: Children's Craniofacial Association. 2005. 5 pp.

Availability: Available from Children's Craniofacial Association. 13140 Colt Road, Suite 307, Dallas, TX 75240. (800) 535-3643 or (214) 570-9099; Fax: (214) 570-8811. PRICE: Free.

Language: English.

Abstract: This parent's guide to hemifacial microsomia is designed to answer questions frequently asked by parents of children with hemifacial microsomia. It is intended to provide a clear understanding of the condition for patients, parents, and others.

Subject Category: Hearing. Speech.

Descriptors: Birth Defect. Plagiocephaly. Trigonocephaly. Scaphocephaly. Crouzon Syndrome. Craniofacial Deformity. Children With Hearing Problems.

500. **Evaluation of Noise-Induced Hearing Loss in Young People Using a Web-Based Survey Technique.**

Author(s): Chung, J. H., Des Roches, C. M., Meunier, J., Eavey, R. D.

Source: Pediatrics. 115(4):861-867. April 2005.

Availability: Available from American Academy of Pediatrics. 141 Northwest Point Boulevard, Elk Grove Village, IL 60007-1098. (888) 227-1773. Fax: (847) 434-8000. E-mail: journals@aap.org. Website: www.pediatrics.org.

Language: English.

Abstract: This research report gives details of a randomized study conducted with adolescents and young adults to examine the potential for hearing loss among those exposed to loud music and assess the feasibility of a Web-based survey to collect health information from this group. A 28-question survey about views toward general health issues, including hearing loss, was presented to random visitors to the MTV Website. Over a 3-day period, 9,693 Web surveys were completed. The authors report key findings that show a majority of young adults have experienced tinnitus and hearing impairment after exposure to loud music, but many of these youths could be motivated to wear ear protection.

Subject Category: Hearing.

Descriptors: Noise-Induced Hearing Loss. Hearing Impairment. Adolescent Health. Hearing Research. Ear Protection.

501. **Hearing Levels of Firefighters: Risk of Occupational Noise-Induced Hearing Loss Assessed by Cross-Sectional and Longitudinal Data.**

Author(s): Clark, W. W., Bohl, C. D.

Source: The American Auditory Society: Ear and Hearing Journal. www.amauditorysoc.org. 26(3):327-340. June 2005.

Availability: Available from Lippincott Williams and Wilkins. 530 Walnut Street, Philadelphia, PA 19106-3621. (215) 521-8300. Website: www.ear-hearing.com.

Language: English.

Abstract: The article presents details of a study conducted to learn whether firefighters are affected by occupational noise-induced hearing losses. The research team evaluated results of 12,000 audiometric tests of firefighters enrolled in hearing conservation programs at two large urban fire departments and compared them with age-matched, non-occupationally exposed groups of individuals. The results reported show that firefighters' hearing levels were as good as or better than those of an age-matched control population not exposed to occupational noise and that the decrement in hearing for individual firefighters over a 7-year period was less than that expected from presbycusis alone. The researchers concluded that firefighters do not generally experience occupational noise-induced hearing losses even though they work nonstandard hours and are sometimes exposed to high levels of noise.

Subject Category: Hearing.

Descriptors: Noise-Induced Hearing Loss. Workplace Health. Toxic Noise. Deafness. Occupational Deafness. Hearing Research.

502. **Is the Middle Fossa Approach the Treatment of Choice for Intracanalicular Vestibular Schwannoma?**

Author(s): Colletti, V., Fiorino, F.

Source: Otolaryngology-Head and Neck Surgery. 132(3):459-466. March 2005.

Availability: Available from Elsevier Science. (800) 654-2452. Fax: (212)

633-3820. E-mail: reprints@elsevier.com. Website: www.us.elsevierhealth.com.

Language: English.

Abstract: This research paper summarizes a longitudinal study in which researchers compare two surgical techniques most commonly used during vestibular schwannoma (VS) surgery—the middle fossa (MF) and the retrosigmoid-transmeatal (RS-TM) routes—to preserve patients' hearing. The researchers designed this study around a series of consecutive patients operated on with the two techniques by the same surgeon. The selection criteria were tumor confined to the internal auditory canal (IAC) with a length ranging from 4 to 12 mm and hearing class A or B. Patients were alternately assigned to one of the two groups regardless of auditory class and distance of the tumor from the IAC fundus. Thirty-five subjects were operated on with the RS-TM technique and 35 via the MF route. Based on the results and findings, the researchers concluded that, though the MF approach has been described as being the better technique for VS surgery in terms of auditory results, the present longitudinal investigation shows that the MF approach does not afford any particular advantages over the RS-TM route in terms of auditory results in intracanalicular VS, with the exception of tumors reaching the IAC fundus.

Subject Category: Hearing.

Descriptors: Hearing Rehabilitation Surgery. Treating Vestibular Schwannoma. Auditory Nerve Function. Hearing Research.

503. **Auditory Brainstem Implant (ABI): New Frontiers in Adults and Children.**

Author(s): Colletti, V.

Source: Otolaryngology-Head and Neck Surgery. 133(1):126-138. July 2005.

Availability: Available from Elsevier Science. (800) 654-2452. Fax: (212) 633-3820. E-mail: reprints@elsevier.com. Website: www.us.elsevierhealth.com.

Language: English.

Abstract: This article presents the authors' experiences with 20 adults and 9 children who were fitted with auditory brainstem implants (ABIs) between April 1997 and September 2002. The patients ranged in age from 14 months to 70 years. Ten patients had neurofibromatosis type 2 (NF2), 3 had solitary vestibular schwannoma, and 16 had various nontumor cochlear or cochlear nerve diseases. A retrosigmoid transmeatal approach was used in patients with tumors, and a retrosigmoid approach was used in nontumor patients. Correct implantation was achieved in all patients. No complications were observed as a result of implantation surgery or related to ABI activation or long-term use. Auditory sensations were induced in all patients with various numbers of electrodes. Different pitch sensations were identifiable with different electrode stimulation. The article presents closed-set word recognition, open-set sentence recognition, and speech tracking scores achieved by the patients. The auditory performance of the patients in this study was significantly better than those achieved in the control group from the Multiethnic European clinical investigations of ABI with NF2. The authors conclude that the indications for the ABI can be extended to include nontumor patients with severe cochlear or cochlear nerve abnormalities. 2 figures. 50 references. (AA-M).

Subject Category: Hearing. Speech.

Descriptors: Auditory Brainstem Implants. Hearing Loss. Clinical Research. Treatment Efficacy. Cochlea. Postoperative Complications.

504. **Prenatal Alcohol and Cocaine Exposure: Influences on Cognition, Speech, Language, and Hearing.**

Author(s): Cone-Wesson, B.

Source: Journal of Communication Disorders, 38(4): 279-302. July-August 2005.

Availability: Available from Elsevier Science. (800) 654-2452. Fax: (212) 633-3820. E-mail: reprints@elsevier.com. Web site: www.us.elsevierhealth.com.

Language: English.

Abstract: This paper reviews research on the consequences of prenatal exposure to alcohol and cocaine on the speech, language, hearing, and cognitive development of children.

Subject Category: Speech. Language. Hearing.

Descriptors: Birth Defects. Effects of Parental Substance Abuse. Fetal Alcohol Syndrome. Craniofacial Deformity. Clefts. Conductive Hearing

Loss. Speech Disorder. Hearing Impairment. Communication Disorder. Cognitive Dysfunction.

505. **Common Misconceptions About ENG (Electronystagmography).**

Author(s): Desmond, A. L.

Source: Vestibular Disorders Association Newsletter: On the Level. 21(1):1-4. Winter 2005.

Availability: Available from the Vestibular Disorders Association. P.O. Box 4467, Portland, OR 97208-4467. (800) 837-8428. E-mail: veda@vestibular.org. Website: <http://www.vestibular.org>.

Language: English.

Abstract: This article attempts to clear up some of the misunderstanding associated with electronystagmography (ENG), specifically the extent and limitations of the information that can be obtained from ENG testing. Possible 'misses' that can occur when a more comprehensive evaluation is not made available to those with a normal ENG exam are reviewed. The author also stresses the importance of using ENG results in the context of a patient's history and medical examination. ENG is defined in this article as having been the cornerstone of vestibular testing for more than 50 years.

Subject Category: Balance. Hearing.

Descriptors: Vestibular Testing. Vestibular Pathology. Vestibular Rehabilitation. Benign Paroxysmal Positional Vertigo. BPPV. Inner-Ear Disorder. Balance Disorder.

506. **Diode Laser Myringotomy for Chronic Otitis Media With Effusion in Adults.**

Author(s): Diego, Z.

Source: Otolaryngology & Neurotology. 26(1):12-17. January 2005.

Availability: Available from Lippincott Williams and Wilkins. Customer Service, P.O. Box 1175, Lowell, MA 01853. (978) 262-9611. Fax: (978) 262-9617. Website: www.otology-neurotology.com.

Language: English.

Abstract: The research study reviewed in this article was conducted to analyze the closure time of diode laser-assisted myringotomies, the incidence of complications, and the hearing results in comparison with the 'cold' procedure in adults with otitis media with effusion (OME). The subjects were 28 adult patients, age 13 to 76 years, with a medical history of 3 months (or more) of OME resistant to medical therapy. Twenty-two control patients underwent cold myringotomies with knife and ventilation tubes (VT). Diode laser myringotomy was performed in an office setting under local anesthesia with topical EMLA ointment. The research team measured timing of closure of the myringotomy, hearing results, incidence of complications, and recurrence of OME. Based on results, the authors findings and conclusions included the following: Diode laser myringotomy is a straightforward, painless procedure simplified by the thin fiberoptic cables available; functional benefit is comparable to conventional tympanostomies plus VTs, but the duration of patency is too short to achieve long-term clearance of the effusion in 'glue' ears of adult patients; selected indications could be acute or recurrent otitis media or the prevention of barotraumas in tubal dysfunction.

Subject Category: Hearing.

Descriptors: Middle Ear Infection. Managing Ear Infections in Adults. Otitis Media. Ear Disorder. Hearing Research.

507. **Exceptional Parent: 2005 Annual Resource Guide.**

Author(s): Exceptional Parent.

Source: Exceptional Parent. 35(1) January 2005. 195pp.

Availability: Available from Exceptional Parent. P.O. Box 2078, Marion, OH 43305-2178. (877) 372-7368. Website: www.eparent.com. PRICE: \$19.95.

Language: English.

Abstract: This special issue of Exceptional Parent contains resources for specific disabilities and conditions, parent training and information centers, parent to parent programs, subscription-donation programs, alliance for technology access centers, state assistive technology access centers, the national fathers' network, national information and advocacy resources, federal and federally funded information resources, state directors of special education, and university-affiliated programs. For each resource listed, the guide provides title of program, address, and telephone number; most are arranged geographically include Canadian resources. The guide also contains a list of publications for sale from the

Exceptional Parent Library.

Subject Category: Hearing. Speech. Balance. Language. Voice. **Descriptors:** Information Resources. Parent Education. Children. Disabilities. Adolescents. Advocacy. Support Services. Support Groups. Assistive Devices. Technology. Early Intervention. Government Agencies. Special Education.

508. **Adaptive Directional Microphone Technology and Hearing Aids: Theoretical and Clinical Implications.**

Author(s): Fabry, D. A.

Source: The Hearing Review. 12(4):22. April 2005.

Availability: Available from the Hearing Review. Website: www.hearingreview.com/. Correspondence can be addressed to HR or David Fabry, Ph.D, Phonak LLC, 4520 Weaver Parkway, Warrenton, IL 60555. E-mail: Dave.Fabry@phonak.com.

Language: English.

Abstract: This article reviews the four common types of directional hearing aid systems. The author offers ideas for how these systems can maximize customer satisfaction.

Subject Category: Hearing.

Descriptors: Hearing Aids. Hearing Assistive Devices. Directional Systems. Hearing Technology. Deafness.

509. **Acceptable Noise Level As a Measure of Directional Hearing Aid Benefit.**

Author(s): Freyaldenhoven, M. C.

Source: Journal of the American Academy of Audiology. 16(4):228-236. April 2005.

Availability: Address correspondence to Melinda C. Freyaldenhoven, University of Tennessee, Department of Audiology and Speech Pathology, 444 South Stadium Hall, Knoxville, TN 37996-0740. (865) 974-1787. Fax: (865) 974-1539. E-mail: mfreyald@utk.edu.

Language: English.

Abstract: This article describes a study that compared an acceptable noise level (ANL) procedure for measuring hearing aid directional benefit with masked speech reception threshold (SRT) and front-to-back ratio (FBR) procedures. ANL is the difference between the most comfortable listening level and the maximum accepted background noise level while listening to speech. Participants were 40 adults who had been fitted binaurally with hearing aids containing omnidirectional and directional modes and who had worn hearing aids for at least 3 months. They had been fitted with hearing aids by clinical audiologists independent of the study. For each procedure, speech and noise were presented through loudspeakers located at zero degrees and 180 degrees azimuth, respectively. Mean ANL, SRT, and FBR directional benefits were not significantly different. The ANL and masked SRT benefits were correlated significantly. The ANL appears to be quick and easy to administer. It requires standard clinical equipment. Therefore, it appears that the ANL procedure may be a viable alternative to other procedures for measuring directional benefit in hearing aids. 2 figures. 3 tables. 31 references. (AA-M).

Subject Category: Hearing.

Descriptors: Noise Measurement. Hearing Aids. Signal Processing. Masking. Sound.

510. **Speech and Language Development in Cognitively Delayed Children With Cochlear Implants.**

Author(s): Frush Holt, R., Iler Kirk, K.

Source: The American Auditory Society: Ear and Hearing Journal. www.amauditorysoc.org. 26(2):132-148. April 2005.

Availability: Available from Lippincott Williams and Wilkins. 530 Walnut Street, Philadelphia, PA 19106-3621. (215) 521-8300. Website: www.ear-hearing.com.

Language: English.

Abstract: This article presents an overview of an investigative study in which researchers examined the speech and language development of deaf children with cochlear implants and mild cognitive delay and compared their gains with those of children with cochlear implants without the additional impairment. The subjects are 69 prelingually deafened children with cochlear implants who were examined retrospectively. Nineteen children were found to have had mild cognitive delays and 50 did not have any identified additional disabilities. Both groups demonstrated significant improvements in speech and language skills

over time on every test administered. According to the research findings, the two groups did not differ significantly in auditory skill development based on parental reports or behavioral assessments of spoken word recognition. The researchers also report that, compared to their peers with no additional disabilities, pediatric cochlear implant recipients with cognitive delays were significantly slower at developing auditory-only sentence recognition abilities and obtained lower scores on two of the three measures of receptive and expressive language. The researchers also report two main indications from the findings: that children with mild cognitive deficits should be considered for cochlear implantation with less trepidation than in the past, and, though children's speech and language gains may be tempered by their cognitive abilities, these limitations do not appear to preclude benefit from cochlear implant stimulation.

Subject Category: Hearing. Speech.

Descriptors: Children With Cochlear Implants. Deaf Children. Childhood Development. Delayed Speech. Learning Disability. Deafness. Hearing Impairment. Language Skills Development. Hearing Research. Cognitive Development.

511. *Cochlear Changes in Patients With Type 1 Diabetes Mellitus.*

Author(s): Fukushima, H.

Source: Otolaryngology-Head and Neck Surgery. 133(1):100-106. July 2005.

Availability: Available from Elsevier Science. (800) 654-2452. Fax: (212) 633-3820. E-mail: reprints@elsevier.com. Website: www.us.elsevierhealth.com.

Language: English.

Abstract: This article reports on a study that evaluated the effects of diabetes on cochlear elements. The authors examined 26 temporal bones from 13 patients with type 1 diabetes and 30 temporal bones from 17 normal cases to analyze cochlear hair cells, spiral ganglion cells, spiral ligament cells, and the areas of the stria vascularis. They found that, in people with diabetes, the wall vessels of the basilar membrane and vessels of the stria vascularis were significantly thicker in all turns and loss of outer hair cells (OHCs) was significantly greater in the lower basal turn. Atrophy of the stria vascularis in all turns and loss of spiral ligament cells in upper turns were significantly higher than controls. No significant difference was obtained in the number of spiral ganglion cells among groups. The study suggests that type 1 diabetes mellitus can cause cochlear microangiopathy and subsequent degeneration of cochlear lateral walls and OHCs. 4 figures. 20 references. (AA-M).

Subject Category: Hearing.

Descriptors: Cochlea. Temporal Bone. Systemic Disease. Etiology. Histopathology.

512. *American Annals of the Deaf, Reference Issue 2005.*

Author(s): Gallaudet University Press.

Source: Washington, D.C.: American Annals of the Deaf. 150(2). 2005.

Availability: Available from Gallaudet University Press Denison House. 800 Florida Avenue, NE, Washington, DC 20002. (202) 651-5488 (Voice/TTY; Fax: (202) 651-5489. E-mail: frances.clark@gallaudet.edu. Web site: <http://gupress.gallaudet.edu/annals>. PRICE: \$30 for a single copy, plus shipping and handling.

Language: English.

Abstract: This annual reference book contains schools and programs in the United States and Canada for students who are deaf or hard of hearing and their teachers. The reference listings include names, addresses, telephone numbers, and other information. The reference guide also provides demographic, audiological, and educational data about students who are deaf or hard of hearing and the schools they attend.

Subject Category: Hearing.

Descriptors: Student Reference. Educational Programs for Deaf Students. Deaf-Blind Children. Deaf Students. Deafness Research. Deafness Advocacy. Hearing Disorder. Hearing Impairment. Deafness. Hard-of-Hearing. Hearing Disability.

513. *Effectiveness of Multimedia Reading Materials When Used With Children Who Are Deaf.*

Author(s): Gentry, M. M., Chinn, K. M., Moulton, R. D.

Source: American Annals of the Deaf. 149(5):394-403. Winter 2004/2005.

Availability: Available from Gallaudet University Press Denison House.

800 Florida Avenue, NE, Washington, DC 20002. (202) 651-5488 Voice/TTY; Fax: (202) 651-5489. E-mail: frances.clark@gallaudet.edu. Website: <http://gupress.gallaudet.edu/annals>. PRICE: \$30 for a single copy, plus shipping and handling.

Language: English.

Abstract: This article reports on a study to assess the relative effectiveness of print, sign, and pictures in the transfer of reading-related information to children with hearing impairments. The authors report using personal computers and CD-Rom software to present stories to deaf children in four different formats: print only; print plus pictures; print plus sign language; and print, pictures, and sign combined. The article outlines the data retrieval method, research results, and findings. From their findings, the authors conclude that multimedia presentation of reading material is significantly more effective for reading comprehension than the use of print alone.

Subject Category: Hearing.

Descriptors: Deaf Children. Deaf Students. Childhood Development. Reading Comprehension. Reading Methods for Deaf Children. Supplemental Reading Practices.

514. *Recognition of 'Real-World' Musical Excerpts by Cochlear Implant Recipients and Normal-Hearing Adults.*

Author(s): Gfeller, K.

Source: The American Auditory Society: Ear and Hearing Journal. www.amauditrysoc.org. 26(3):237-250. June 2005.

Availability: Available from Lippincott Williams and Wilkins. 530 Walnut Street, Philadelphia, PA 19106-3621. (215) 521-8300. Website: www.ear-hearing.com.

Language: English.

Abstract: The multipurpose study reported in this article sought to compare recognition of 'real-world' music excerpts by postlingually deafened adults using cochlear implants and normal-hearing adults; compare the performance of cochlear implant (CI) recipients using different devices and processing strategies; and examine the variability among implant recipients in recognition of musical selections in relation to performance on speech perception tests, performance on cognitive tests, and demographic variables. The researchers tested 79 CI users and 30 normal-hearing adults on open-set recognition of items from classical, country, and pop music styles. According to the results, CI recipients show significantly less accurate recognition than normal-hearing adults for all three styles and no significant differences by device or strategy. The authors conclude that current-day implants do not effectively convey all salient features of music; thus, recipients are required to extract those musical features most accessible, such as song lyrics or rhythm patterns, in order to identify music heard in everyday life.

Subject Category: Hearing.

Descriptors: Cochlear Implantation. Assistive Listening Devices. Deafness. Musical Rhythm Patterns. Hearing Impaired. Hearing Impairment.

515. *Pediatric Cholesteatoma: Canal Wall Window Alternative to Canal Wall Down Mastoidectomy.*

Author(s): Godinho, R. A., Kamil, S. H., Lubianca, J. N., Keogh, I. J., Eavey, R. D.

Source: Otolaryngology & Neurotology. 26(3):466-471. May 2005.

Availability: Available from Lippincott Williams and Wilkins. Customer Service, P.O. Box 1175, Lowell, MA 01853. (978) 262-9611. Fax: (978) 262-9617. Website: www.otology-neurotology.com.

Language: English.

Abstract: A previous pilot series described the substitution of a hybrid mastoidectomy technique, canal wall window (CWW), for the canal wall down (CWD) procedure that involved slitting the posterior canal wall. A current, larger series, reviewed in this article, compares the results of the CWW procedure with conventional surgical techniques. This retrospective study took place at an academic tertiary referral center and involved analysis of 78 pediatric ears. The mean patient age was 13.5 years. The data analyzed included ears later requiring conversion from CWW to CWD, dry/moist ear results, recidivation determined by two separate methods, and audiometric data statistically analyzed using independent-samples analysis (unpaired, two-tailed Student's t test). Based on the research results, the researchers concluded the following: frequently, a CWW procedure can be substituted for a traditional CWD procedure; in the extended series, the CWW technique continued to provide hearing results similar to CWW rather than to CWD procedures in a young

population who will bear the surgical outcome for many decades.

Subject Category: Hearing.

Descriptors: Mastoidectomy Technique. Canal Wall Window Procedure. Hearing Rehabilitation. Ear Surgery. Children. Cholesteatoma. Pediatric. Ear Disorder Management.

516. *Reading Performance in Children With Otitis Media.*

Author(s): Golz, A.

Source: Otolaryngology-Head and Neck Surgery. 132(3): 495-499. March 2005.

Availability: Available from Elsevier Science. (800) 654-2452. Fax: (212) 633-3820. E-mail: reprints@elsevier.com. Website: www.us.elsevierhealth.com.

Language: English.

Abstract: This article presents a review of a study in which researchers examine whether middle ear diseases and the associated hearing loss in early childhood affect reading performance later. The study subjects were 160 children, 6.5 to 8 years of age, 80 with a history of recurrent infections and/or prolonged periods of effusions of the middle ear before the age of 5 years, and 80 without any history of middle ear disease. The research team collected data from the children's medical records. Each child was given a complete otological and audiological evaluation, followed by special reading tests. Based on the research findings, researchers concluded that children with recurrent or prolonged middle ear diseases during the first 5 years of life tend to be at greater risk for delayed reading than age-matched controls with no previous middle ear diseases.

Subject Category: Hearing.

Descriptors: Hearing Disorders in Children. Middle Ear Infection. Reading Skills Development. Learning Disability. Hearing Research.

517. *Role of Factor V Leiden and Prothrombin G20210a Mutations in Sudden Sensorineural Hearing Loss.*

Author(s): Gorur, K.

Source: Otolology & Neurotology. 26(4):599-601. July 2005.

Availability: Reprints available from Dr. Kemal Gorur, Mersin Universitesi Tip Fak, Hastanesi KBB A., Dali, Mersin, Turkey. E-mail: kgorur@mersin.edu.tr.

Language: English.

Abstract: This article describes a study that investigated the incidence of factor V Leiden and prothrombin G20210A in sudden sensorineural hearing loss (SSHL) patients. Fifty-six patients with SSHL and 95 controls were enrolled in the study. Two weeks before the hearing loss developed, 18 patients reported a history of upper respiratory infection. Twenty-seven patients had vertigo or tinnitus in addition to hearing loss. Factor V Leiden mutation was detected in 16.1 percent of the SSHL patients, but it was positive in only 5.26 percent of the controls. The difference between the groups was significant. However, the incidence of prothrombin G20210A mutations did not differ in the patient group when compared with the controls. Factor V Leiden and prothrombin G20210A mutations were heterozygous in all of the participants. Anticoagulant therapy may be suggested in the management of idiopathic SSHL patients with factor V Leiden mutations. 1 figure. 1 table. 18 references. (AA-M).

Subject Category: Hearing.

Descriptors: Sensorineural Hearing Loss. Genetics. Blood. Cardiovascular Diseases. Risk Factors.

518. *Earwax Blockage (Cerumen Impaction).*

Author(s): Griffith, H. W.

Source: In: Griffith, H.W. Instructions for Patients (7th ed). Orlando, FL: W.B. Saunders Company, 2005. p. 152.

Availability: Available from W.B. Saunders Company. Order Fulfillment, 6277 Sea Harbor Drive, Orlando, FL 32887. (800) 545-2522. Fax: (800) 874-6418. PRICE: \$69.95 plus shipping and handling. ISBN: 1416000364.

Language: EN.

Abstract: This fact sheet on cerumen impaction (earwax blockage) is from a compilation of instructions for patients, published in book format. The fact sheet provides information in three sections: basic information, including a description of the condition, frequent signs and symptoms, causes, risk factors, preventive measures, expected outcome, and possible complications; treatment, including general measures, medication, activity guidelines, and diet; and when to contact one's health care provider. The fact sheet is designed to be photocopied and

distributed to patients as a reinforcement of oral instructions and as a teaching tool.

Subject Category: Hearing.

Descriptors: Earwax. Diagnosis. Treatment. Patient Education. Infection. Symptoms. Etiology. Risk Factors. Activities of Daily Living. Prevention. Complications. Drug Therapy.

519. *Tinnitus.*

Author(s): Griffith, H. W.

Source: In: Griffith, H.W. Instructions for Patients (7th ed). Orlando, FL: W.B. Saunders Company, 2005. p. 503.

Availability: Available from W.B. Saunders Company. Order Fulfillment, 6277 Sea Harbor Drive, Orlando, FL 32887. (800) 545-2522. Fax: (800) 874-6418. PRICE: \$69.95 plus shipping and handling. ISBN: 1416000364.

Language: EN.

Abstract: This fact sheet on tinnitus (a persistent sound hear in one or both ears when there is no environmental noise) is from a compilation of instructions for patients, published in book format. The fact sheet provides information in three sections: basic information, including a description of the condition, frequent signs and symptoms, causes, risk factors, preventive measures, expected outcome, and possible complications; treatment, including general measures, medication, activity guidelines, and diet; and when to contact one's health care provider. The fact sheet is designed to be photocopied and distributed to patients as a reinforcement of oral instructions and as a teaching tool.

Subject Category: Hearing.

Descriptors: Tinnitus. Diagnosis. Treatment. Patient Education. Symptoms. Etiology. Risk Factors. Activities of Daily Living. Prevention. Complications. Drug Therapy. Diet Therapy.

520. *Eardrum, Ruptured (Tympanic-Membrane Perforation).*

Author(s): Griffith, H. W.

Source: In: Griffith, H.W. Instructions for Patients (7th ed). Orlando, FL: W.B. Saunders Company, 2005. p. 151.

Availability: Available from W.B. Saunders Company. Order Fulfillment, 6277 Sea Harbor Drive, Orlando, FL 32887. (800) 545-2522. Fax: (800) 874-6418. PRICE: \$69.95 plus shipping and handling. ISBN: 1416000364.

Language: EN.

Abstract: This fact sheet on ruptured eardrums (tympanic-membrane perforation) is from a compilation of instructions for patients, published in book format. The fact sheet provides information in three sections: basic information, including a description of the condition, frequent signs and symptoms, causes, risk factors, preventive measures, expected outcome, and possible complications; treatment, including general measures, medication, activity guidelines, and diet; and when to contact one's health care provider. The fact sheet is designed to be photocopied and distributed to patients as a reinforcement of oral instructions and as a teaching tool.

Subject Category: Hearing.

Descriptors: Eardrum Perforation. Tympanic Membrane. Diagnosis. Treatment. Patient Education. Symptoms. Etiology. Risk Factors. Activities of Daily Living. Prevention. Complications. Drug Therapy.

521. *Hearing Impairment or Loss (Deafness).*

Author(s): Griffith, H. W.

Source: In: Griffith, H.W. Instructions for Patients (7th ed). Orlando, FL: W.B. Saunders Company, 2005. p. 218.

Availability: Available from W.B. Saunders Company. Order Fulfillment, 6277 Sea Harbor Drive, Orlando, FL 32887. (800) 545-2522. Fax: (800) 874-6418. PRICE: \$69.95 plus shipping and handling. ISBN: 1416000364.

Language: EN.

Abstract: This fact sheet on hearing impairment or loss is from a compilation of instructions for patients, published in book format. The fact sheet provides information in three sections: basic information, including a description of the condition, frequent signs and symptoms, causes, risk factors, preventive measures, expected outcome, and possible complications; treatment, including general measures, medication, activity guidelines, and diet; and when to contact one's health care provider. The fact sheet is designed to be photocopied and distributed to patients as a reinforcement of oral instructions and as a teaching tool.

Subject Category: Hearing.

Descriptors: Hearing Loss. Deafness. Diagnosis. Treatment. Patient Education. Symptoms. Etiology. Risk Factors. Activities of Daily Living. Prevention. Complications. Drug Therapy.

522. **Ear Infection, Outer (Otitis Externa; Swimmer's Ear).**

Author(s): Griffith, H. W.

Source: In: Griffith, H.W. Instructions for Patients (7th ed). Orlando, FL: W.B. Saunders Company, 2005. p. 150.

Availability: Available from W.B. Saunders Company. Order Fulfillment, 6277 Sea Harbor Drive, Orlando, FL 32887. (800) 545-2522. Fax: (800) 874-6418. PRICE: \$69.95 plus shipping and handling. ISBN: 1416000364.

Language: EN.

Abstract: This fact sheet on otitis externa (outer ear infection or swimmer's ear) is from a compilation of instructions for patients, published in book format. The fact sheet provides information in three sections: basic information, including a description of the condition, frequent signs and symptoms, causes, risk factors, preventive measures, expected outcome, and possible complications; treatment, including general measures, medication, activity guidelines, and diet; and when to contact one's health care provider. The fact sheet is designed to be photocopied and distributed to patients as a reinforcement of oral instructions and as a teaching tool.

Subject Category: Hearing.

Descriptors: Otitis Externa. Diagnosis. Treatment. Patient Education. Symptoms. Etiology. Risk Factors. Activities of Daily Living. Prevention. Complications. Drug Therapy.

523. **Vocal Cord Nodules ('Singer's Nodes').**

Author(s): Griffith, H. W.

Source: In: Griffith, H.W. Instructions for Patients (7th ed). Orlando, FL: W.B. Saunders Company, 2005. p. 532.

Availability: Available from W.B. Saunders Company. Order Fulfillment, 6277 Sea Harbor Drive, Orlando, FL 32887. (800) 545-2522. Fax: (800)874-6418. PRICE: \$69.95 plus shipping and handling. ISBN: 1416000364.

Language: English.

Abstract: This fact sheet on vocal cord nodules (singer's nodes) is from a compilation of instructions for patients, published in book format. The fact sheet provides information in three sections: basic information, including a description of the condition, frequent signs and symptoms, causes, risk factors, preventive measures, expected outcome, and possible complications; treatment, including general measures, medication, activity guidelines, and diet; and when to contact one's health care provider. The fact sheet is designed to be photocopied and distributed to patients as a reinforcement of oral instructions and as a teaching tool.

Subject Category: Hearing.

Descriptors: Diagnosis. Treatment. Patient Education. Symptoms. Etiology. Risk Factors. Activities of Daily Living. Prevention. Complications. Drug Therapy. Surgery.

524. **Ear Infection, Middle (Otitis Media).**

Author(s): Griffith, H. W.

Source: In: Griffith, H.W. Instructions for Patients (7th ed). Orlando, FL: W.B. Saunders Company, 2005. p. 149.

Availability: Available from W.B. Saunders Company. Order Fulfillment, 6277 Sea Harbor Drive, Orlando, FL 32887. (800) 545-2522. Fax: (800) 874-6418. PRICE: \$69.95 plus shipping and handling. ISBN: 1416000364.

Language: EN.

Abstract: This fact sheet on otitis media (middle ear infection) is from a compilation of instructions for patients, published in book format. The fact sheet provides information in three sections: basic information, including a description of the condition, frequent signs and symptoms, causes, risk factors, preventive measures, expected outcome, and possible complications; treatment, including general measures, medication, activity guidelines, and diet; and when to contact one's health care provider. The fact sheet is designed to be photocopied and distributed to patients as a reinforcement of oral instructions and as a teaching tool.

Subject Category: Hearing.

Descriptors: Otitis Media. Diagnosis. Treatment. Patient Education.

Symptoms. Etiology. Risk Factors. Activities of Daily Living. Prevention. Complications. Drug Therapy.

525. **Meniere's Disease.**

Author(s): Griffith, H. W.

Source: In: Griffith, H.W. Instructions for Patients (7th ed). Orlando, FL: W.B. Saunders Company, 2005. p. 313.

Availability: Available from W.B. Saunders Company. Order Fulfillment, 6277 Sea Harbor Drive, Orlando, FL 32887. (800) 545-2522. Fax: (800) 874-6418. PRICE: \$69.95 plus shipping and handling. ISBN: 1416000364.

Language: EN.

Abstract: This fact sheet on Meniere's disease is from a compilation of instructions for patients, published in book format. The fact sheet provides information in three sections: basic information, including a description of the condition, frequent signs and symptoms, causes, risk factors, preventive measures, expected outcome, and possible complications; treatment, including general measures, medication, activity guidelines, and diet; and when to contact one's health care provider. The fact sheet is designed to be photocopied and distributed to patients as a reinforcement of oral instructions and as a teaching tool.

Subject Category: Hearing. Balance.

Descriptors: Menieres Disease. Diagnosis. Treatment. Patient Education. Symptoms. Etiology. Risk Factors. Activities of Daily Living. Prevention. Complications. Drug Therapy. Diet Therapy. Vestibular Disorders.

526. **Otosclerosis.**

Author(s): Griffith, H. W.

Source: In: Griffith, H.W. Instructions for Patients (7th ed). Orlando, FL: W.B. Saunders Company, 2005. p. 348.

Availability: Available from W.B. Saunders Company. Order Fulfillment, 6277 Sea Harbor Drive, Orlando, FL 32887. (800) 545-2522. Fax: (800) 874-6418. PRICE: \$69.95 plus shipping and handling. ISBN: 1416000364.

Language: EN.

Abstract: This fact sheet on otosclerosis is from a compilation of instructions for patients, published in book format. Otosclerosis is a slow formation of abnormal spongy bone in the middle ear. The fact sheet provides information in three sections: basic information, including a description of the condition, frequent signs and symptoms, causes, risk factors, preventive measures, expected outcome, and possible complications; treatment, including general measures, medication, activity guidelines, and diet; and when to contact one's health care provider. The fact sheet is designed to be photocopied and distributed to patients as a reinforcement of oral instructions and as a teaching tool.

Subject Category: Hearing.

Descriptors: Otosclerosis. Diagnosis. Treatment. Patient Education. Symptoms. Etiology. Risk Factors. Activities of Daily Living. Prevention. Complications. Drug Therapy.

527. **Transition Services for Students With Significant Disabilities in College and Community Settings: Strategies for Planning, Implementation, and Evaluation.**

Author(s): Grigal, M., Neubert, D. A., Sherril Moon, M.

Source: PRO-ED, Inc. ISBN: 0-89079-993-8. Large-format paperback, 109 pp., and CD-ROM. 2004.

Availability: Available from PRO-ED, Inc. 8700 Shoal Creek Boulevard, Austin, TX 78757-6897. (800) 897-3202; Fax: (800) 397-7633. Website: <http://www.proedinc.com>. PRICE: \$16 plus shipping and handling. Order No.10673.

Language: English.

Abstract: This book provides a base for those who design, implement, or evaluate transition services for students with significant disabilities in a college or community setting. The book has three main parts: planning and development, implementation, and evaluation. Each part contains reproducible copies of all blank forms that can be used by readers. In addition, each form is available on the accompanying CD-ROM in Microsoft Excel format. Users are encouraged to modify each form to meet individual needs, fill out and update forms via the computer, attach and E-mail forms to others, and maintain computer records of their planning, implementation, and evaluation efforts. The authors have created a number of profiles to illustrate how strategies suggested in this

book could be implemented by a fictional public school system. Each example used is based upon real experiences of school system personnel involved in this process. A list of references helps those interested in learning more about this form of transition service delivery. The authors created this resource specifically for school personnel, families, and students involved with transition services.

Subject Category: Hearing. Speech. Language.

Descriptors: Students With Multiple Disabilities. Transitional Services. Needs Assessment Planning. Service Delivery Policies. Autism. Pervasive Development Disorder. Mental Retardation. Disabled College Students. Special Needs Students. Adult Education Services.

528. **Long-Term Results of Cochlear Implantation in Children.**

Author(s): Haensel, J., Engelke, J. C., Ottenjann, W., Westhofen, M.
Source: Otolaryngology-Head and Neck Surgery. 132(3): 456-458. March 2005.

Availability: Available from Elsevier Science. (800) 654-2452. Fax: (212) 633-3820. E-mail: reprints@elsevier.com. Website: www.us.elsevierhealth.com.

Language: English.

Abstract: This overview discusses a study conducted to analyze long-term results of prelingually deaf children who had cochlear implantation surgery performed at Aachen University Hospital in Germany. The research team examined 16 prelingually deaf children who underwent cochlear implantation over a period of 10 to 13 years. Researchers analyzed the patients' indications, perioperative complications, technical parameters, speech test results, and psychosocial development. A questionnaire seeking information about daily use, expectations, and personal evaluation of the procedure was mailed to all patients. Based on results from returns and subsequent findings, the researchers concluded that cochlear implantation in cases of prelingual deafness is feasible without severe complications and leads to an increasing quality of life, as is demonstrated by long-term observation.

Subject Category: Hearing.

Descriptors: Treating Deaf Children. Prelingual Deafness. Deafness Rehabilitation. Hearing Assistive Devices. Hearing Research. Pediatric Hearing Aids.

529. **Efficacy of the KTP Laser in the Treatment of Middle Ear Cholesteatoma.**

Author(s): Hamilton, J. W.

Source: Otolaryngology & Neurotology. 26(2):135-139, March 2005.

Availability: Available from Lippincott Williams and Wilkins. Customer Service, P.O. 1175, Lowell, MA 01853. (978) 262-9611. Fax: (978) 262-9617.

Language: English.

Abstract: This article reviews a research that seek to evaluate whether ancillary use of the KTP (potassium titanyl phosphate) laser can diminish the rate of residual disease in intact canal wall cholesteatoma surgery and the findings. Thirty-three patients underwent treatment without laser and 36 underwent treatment with laser. The article reports that 10 patients without laser treatment had residual disease, whereas one patient had residual disease after laser treatment. The report also states that after adjustment using logistic regression, treatment still shows a significant effect on outcome. The researchers conclude that ancillary use of the KTP laser in cholesteatoma surgery is a treatment that significantly improves complete removal of disease.

Subject Category: Hearing.

Descriptors: Middle Ear Disorder. Hearing Dysfunction. Deafness. Ear Surgery. Hearing Research.

530. **Evaluating Patients With Dizziness and Unsteadiness: A Team Approach.**

Author(s): Handelsman, J. A.

Source: The ASHA Leader. (10)2 February 8, 2005.

Availability: Available from American Speech-Language-Hearing Association. 10801 Rockville Pike, Rockville, MD 20852. Web site: http://www.professional.asha.org.

Language: English.

Abstract: This article discusses a team approach (including audiologists, physicians, and physical therapists, when appropriate,) to evaluation and management of patients with balance system disorders. The author stresses that integrating information from each team member is essential

to providing optimal care for a patient with dizziness and/or balance problems.

Subject Category: Balance. Hearing.

Descriptors: Dizziness. Balance Problems. Managing Balance Disorders. Hearing Impairment. Inner Ear Disorders.

531. **Bone-Anchored Hearing Aids in Unilateral Inner Ear Deafness: An Evaluation of Audiometric and Patient Outcome Measurements.**

Author(s): Hol, M. K. S.

Source: Otolaryngology & Neurotology. 26(5):999-1006. September 2005.

Availability: Reprints available from Dr. Myrthe K.S. Hol, Radboud University Nijmegen Medical Center, Department of Otorhinolaryngology, P.O. Box 9101, 6500 HB Nijmegen, The Netherlands. E-mail: m.hol@kno.umcn.nl.

Language: English.

Abstract: This article describes a prospective clinical follow-up study that evaluated the benefit of a bone-anchored hearing aid (BAHA) contralateral routing of sound (CROS) hearing aid in 29 patients with unilateral inner ear deafness. Patients were asked to complete four different patient outcome measures: the unaided condition before intervention, with the conventional CROS, with the BAHA CROS, and after 1 year of BAHA CROS use. Researchers found that sound localization in an audiologic test setting was no different from chance level. The main effect of the BAHA CROS was the lift of the head shadow effect in the speech in noise measurements. All instruments also showed positive results in favor of the BAHA CROS at long-term follow-up. The authors conclude that poor sound localization results in an audiologic test setting illustrate the inability of patients with unilateral inner ear deafness to localize sounds. The speech-in-noise measurements demonstrate the efficacy of the BAHA CROS to lift the head shadow. 2 figures. 2 tables. 27 references. (AA-M).

Subject Category: Hearing.

Descriptors: Deafness. Inner Ear. Hearing Aids. Surgery. Treatment Efficacy.

532. **Hyperbaric Oxygen Therapy for Sudden Sensorineural Hearing Loss: A Prospective Trial of Patients Failing Steroid and Antiviral Treatment.**

Author(s): Horn, C. E., Himel, H. N., Selesnick, S. H.

Source: Otolaryngology & Neurotology. 26(5):882-889. September 2005.

Availability: Reprints available from Dr. Samuel H. Selesnick, Cornell University, Weill Medical College, Department of Otorhinolaryngology - Head and Neck Surgery, 520 East 70th Street-ST541, New York, NY 10021. E-mail: shselesn@med.cornell.edu.

Language: English.

Abstract: This article describes a prospective cohort study that investigated the safety and efficacy of hyperbaric oxygen therapy (HBOT) in nine adult patients with sudden sensorineural hearing loss (SSNHL) who fail standard of care steroid and antiviral therapy. HBOT treatments were administered daily for 10 days over a 2-week period. Overall, two patients had a dramatic improvement, and one patient had a dramatic improvement in his speech discrimination without improvement in other audiometric measures. Six patients had no demonstrable hearing gains. Two patients had complications of serous otitis media requiring myringotomy and pressure-equalizing tube placement. No other complications were observed. The authors conclude that secondary HBOT after failure of systemic steroid and antiviral therapy may be associated with hearing gains in some patients with SSNHL. 5 figures. 1 table. 28 references. (AA-M).

Subject Category: Hearing.

Descriptors: Sensorineural Hearing Loss. Sudden Deafness. Drug Therapy. Therapy. Treatment Efficacy. Complications.

533. **Sound Effects: Share the Many Benefits of Sound Field Amplification With Reluctant School Officials.**

Author(s): Jorgensen, B.

Source: ADVANCE Newsmagazines. 7(2):25. March/April 2005.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. (610) 278-1400. E-mail: advance@merion.com. Website: www.advancweb.com.

Language: English.

Abstract: This article discusses the benefits of sound field technology

use, including microphones, amplifiers, optimally positioned speakers, and personal FM headsets, in the classroom. The author recommends the use of these devices in classrooms for students with attention deficit disorder (ADD) or temporary hearing loss, ESL students, as well as for students with permanent hearing loss. The author finds that 25 percent of students require amplified oral instruction in classrooms, on any given day.

Subject Category: Hearing.

Descriptors: Environmental Noise. Toxic Noise. Ambient Noise. Classroom Aid. Sound Field Amplification System. Classroom Noise. Improving Poor Classroom Acoustics. Hearing Assistive Devices. Hearing Impediment. Children. Childhood Development.

534. **Sound Field Amplification Benefits Students.**

Author(s): Jorgensen, B.

Source: ADVANCE for Speech-Language Pathologists and Audiologists 15(16):10. April 2005.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. (610) 278-1400. E-mail: advance@merion.com. Website: www.advancweb.com.

Language: English.

Abstract: The author discusses the benefits of sound field technology for hearing enhancement in classrooms. These devices-microphones, amplifiers, speakers, and personal FM headsets-are designed to amplify specific sound sources for maximum clarity. According to the author, ambient noise in classrooms can be a barrier to learning for deaf and hard-of-hearing students, students with attention deficit disorder (ADD) or temporary hearing loss, and students for whom English is a second language.

Subject Category: Hearing.

Descriptors: Hearing Assistance. FM Technology. Sound Amplification. Deafness. Hearing Impaired Student. Classroom Aids.

535. **Sensorineural Hearing Loss, Early Greying, and Essential Tremor: A New Hereditary Syndrome?**

Author(s): Karmody, C. S., Blevins, N. H., Lalwani, A. K.

Source: Otolaryngology-Head and Neck Surgery. 133(1):94-99. July 2005.

Availability: Available from Elsevier Science. (800) 654-2452. Fax: (212) 633-3820. E-mail: reprints@elsevier.com. Website: www.us.elsevierhealth.com.

Language: English.

Abstract: This article describes a study that involved a retrospective chart review of three families with combinations of early greying of scalp hair, sensorineural hearing loss, and essential tremor. The patients were a 65-year-old man and two women in their 40s. Two noted hearing loss in adulthood, one as a child. All had complete greying in their 20s. The women developed essential tremor in their 20s, and the man in his 50s. All patients had blue eyes without heterochromia. Additional evaluation failed to further categorize these patients. Each had two or more immediate family members with a combination of these symptoms. The pattern of inheritance appears to be autosomal dominant with variable penetrance. Molecular genetic testing failed to link these patients with mutations known to be associated with Waardenburg syndrome. The authors conclude that these patients have a previously unreported hereditary syndrome and that this new syndrome should be considered in the context of other syndromes involving audition, pigmentation, and movement. 7 figures. 1 table. 17 references. (AA-M).

Subject Category: Hearing.

Descriptors: Sensorineural Hearing Loss. Symptoms. Heredity. Genetics.

536. **Surgical Management of Meniere's Disease in the Era of Gentamicin.**

Author(s): Kaylie, D. M., Jackson, C. G., Gardner, E. K.

Source: Otolaryngology-Head and Neck Surgery. 132(3):443-450. March 2005.

Availability: Available from Elsevier Science. (800) 654-2452. Fax: (212) 633-3820. E-mail: reprints@elsevier.com. Website: www.us.elsevierhealth.com.

Language: English.

Abstract: This paper reports on research conducted to describe results of labyrinthectomy, vestibular nerve section, and endolymphatic mastoid

shunt surgery for patients with Meniere's disease and compares them with published results for gentamicin perfusion. The study data was based on retrospective chart reviews of several patients who underwent surgery for management of Meniere's disease. From the results and findings, the research team concluded that surgical management of Meniere's disease is a safe and viable option for patients with medically refractory disease.

Subject Category: Hearing.

Descriptors: Meniere's Disease Treatment. Hearing Therapy. Transtympanic Gentamicin Perfusion. Ear Disorder.

537. **NIHL in Agriculture: Hearing Conservation Down on the Farm.**

Author(s): Keefe, S.

Source: ADVANCE for Speech-Language Pathologists and Audiologists. 15(45):12.66. November 7, 2005.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. (800) 355-5627, ext. 1446. (610) 278-1400. E-mail: advance@merion.com. Website: www.advancweb.com.

Language: English.

Abstract: The National Safety Council consistently ranks farming among the most dangerous industries in America. One of the dangers confronting farmers is noise-induced hearing loss (NIHL). Many sounds in agricultural settings are in the dangerous zone, that is, with a sound level of 85 decibels or greater. Hearing protective devices can have a significant role in protecting agricultural workers from damaging noise levels; however, lack of awareness is the main obstacle to use of these devices.

Agricultural workers also can decrease their risk for NIHL by reducing the amount of time they are exposed to damaging noise levels. Family physicians who treat farmers for farm-related injuries should refer farmers for early hearing evaluations and encourage them to seek treatment for any existing hearing loss.

Subject Category: Hearing.

Descriptors: Occupational Hearing Loss. Noise Induced Hearing Loss. Etiology. Hearing Protection Devices.

538. **Balance and Beyond: Help for Falls.**

Author(s): Keefe, S.

Source: ADVANCE for Audiologists. 7(1):19. Jan/Feb. 2005.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556 King of Prussia, Pa 19406-0956. (610) 278-1400. Web site: www.advancweb.com/.

Language: English.

Abstract: This article states that more than a quarter million American seniors experience hip fractures from a fall every year. The article discusses simple testing that can help seniors overcome motion-provoked dizziness and reduce the risk of falls.

Subject Category: Balance. Hearing.

Descriptors: Dizziness. Vertigo. Inner Ear Disorder. Balance Disorder. Elderly.

539. **Craniofacial Anomalies: Specialty Care for Children With Clefts.**

Author(s): Keefe, S.

Source: ADVANCE for Speech-Language Pathologists and Audiologists. April 2005. 15(18):12.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. 610-278-1400. E-mail: advance@merion.com. Website: www.advancweb.com.

Language: English.

Abstract: In this article the author discusses evaluation and care of children with craniofacial anomalies, specifically cleft deformities. Feeding, speech and hearing issues are addressed.

Subject Category: Speech. Hearing.

Descriptors: Craniofacial Deformity. Facial Deformity. Cleft Palate. Birth Defects. Speech Disorder. Children. Childhood Disability. Speech-Language Pathology.

540. **Ventilation Tubes and Cochlear Implants: What Do We Do?**

Author(s): Kennedy, R. J., Shelton, C.

Source: Otolaryngology & Neurotology. 26(3):438-441. May 2005.

Availability: Available from Lippincott Williams and Wilkins. Customer

Service, P.O. Box 1175, Lowell, MA 01853. (978) 262-9611. Fax:(978) 262-9617. Website: www.otology-neurotology.com.

Language: English.

Abstract: This article reviews a study conducted to establish current practice management of ventilation tubes and cochlear implants and the findings from the results. The study participants comprised the membership of the American Neurotology Society, all of whom received questionnaires by mail. Members were asked about how they dealt with ventilation tubes before cochlear implantation; how they manage serious otitis media in patients undergoing cochlear implantation; and how they manage otitis-prone children with cochlear implants. Two hundred and twenty members returned questionnaires. Based on the results of the survey, researchers found wide practice variation with the management of ventilation tubes in cochlear implant patients. They concluded also that placement of cochlear implants in patients with clean, dry ventilation tubes, as well as placing ventilation tubes in otitis-prone children with cochlear implants, are acceptable practices. In addition, the researchers report that, despite theoretic concerns, incidence of complications reported is low.

Subject Category: Hearing.

Descriptors: Cochlear Implantation Practices. Neurotology. Hearing Rehabilitation. Hearing Assistive Devices. Ventilation Tubes. Deafness. Medical Practice. Hearing Research. Deaf Children.

541. **Trends in the Diagnosis and the Management of Meniere's Disease: Results of a Survey.**

Author(s): Kim, H. H.

Source: Otolaryngology-Head and Neck Surgery. 132(5): 722-5. May 2005.

Availability: Available from Elsevier Science. (800) 654-2452. Fax: (212) 633-3820. E-mail: reprints@elsevier.com. Web site: www.us.elsevierhealth.com.

Language: English.

Abstract: Three hundred random members of the American Neurotology Society (ANS) were mailed a 15-item questionnaire that inquired about their practices in the evaluation and treatment of patients with Meniere's disease. The survey asked about geographic area of practice; duration of practice; modalities used for evaluation of Meniere's disease; the performance of a retrocochlear workup; the modality used for a retrocochlear investigation; and the use of ESS, of labyrinthectomies, of vestibular nerve section, and the surgical approach for vestibular nerve favored by the clinician. The researchers analyzed the diagnostic and therapeutic modalities used by the ANS members, examining any correlation to duration of practice and the geographic area of practice. Respondents were grouped on the basis of years of practice and geographic area. The study details and results are presented in this report.

Subject Category: Hearing.

Descriptors: Meniere's Disease Research. Meniere's Disease Dignosis. Meniere's Patients. Hearing Disorder. Meniere's Disease Treatment.

542. **2004 Hearing Health Industry World Directory.**

Author(s): Kirkwood, D. H.

Source: Hearing Journal. December 2005. 210p.

Availability: Available from Lippincott Williams and Wilkins. Customer Service, P.O. 1175, Lowell, MA 01853. (978) 262-9611. Fax: (978) 262-9617.

Language: English.

Abstract: This special issue of The Hearing Journal offers readers the Hearing Health Industry World Directory 2005. The Directory includes a worldwide listing of manufacturers, distributors, suppliers, and associations; an index by country of manufacturers, distributors, suppliers, and associations outside the U.S. and Canada; a review of past World Directories, an index of website addresses; an index of manufacturers, distributors, and suppliers by product category; an index of email addresses; the toll free telephone numbers of manufacturers and repair labs; a listing of hearing health care associations; and an index of trade names. The main entry for each company lists their name, address, telephone numbers, Fax: numbers, email address, officers or representatives, the products manufactured or supported by the company, relevant trade names, and associated distribution channels. The issue concludes with a Calendar of Events for the year 2005. The Directory is designed to be useful for all who serve patients with hearing impairments, including audiologists, hearing instruments specialists, and physicians.

Subject Category: Hearing.

Descriptors: Hearing Loss. Industry. Hearing Aids. Equipment and Supplies. Marketing. Information Resources. Amplification. Assistive Devices. Care and Maintenance.

543. **Long-Term Effects of Repetitive Transcranial Magnetic Stimulation (RTMS) In Patients With Chronic Tinnitus.**

Author(s): Kleinjung, T., et al.

Source: Otolaryngology-Head and Neck Surgery. 132(4): 566-69. April 2005.

Availability: Available from Elsevier Science. (800) 654-2452. Fax: (212) 633-3820. E-mail: reprints@elsevier.com. Web site: www.us.elsevierhealth.com.

Language: English.

Abstract: This article reviews a research study, the objective of which is to identify metabolic activity in the auditory cortex of patients with chronic tinnitus. Fusing of the individual PET-scan with the structural MRI-scan (T1, MPRAGE) allowed researcher to identify the area exactly. In a prospective study, rTMS (110 percent motor threshold; 1 Hz; 2000 stimuli/day over 5 days) was performed using a placebo controlled cross-over design. Patients were blinded regarding the stimulus condition. For the sham stimulation a specific sham-coil system was used. Fourteen patients were followed for 6 months. Treatment outcome was assessed with a specific tinnitus questionnaire (Goebel and Hiller). The researchers report verification of increased metabolic activation in the auditory cortex in all patients after 5 days of verum rTMS, a highly significant improvement of the tinnitus score was found whereas the sham treatment did not show any significant changes. The researchers report that treatment outcome after 6 months still demonstrated significant reduction of tinnitus score.

Subject Category: Hearing.

Descriptors: Hearing Research. Tinnitus. Ear Problem.

544. **2005 Krames Patient Education Catalog: Government Edition.**

Author(s): Krames Health and Safety Education.

Source: San Bruno, CA. Krames. 2005. 124p.

Availability: Available from Krames Order Department. 1100 Grundy Lane, San Bruno, CA 94066-9821. (800)333-3032. Fax: (650) 244-4512. Web site: http://www.krames.com. PRICE: 1 copy free.

Language: English.

Abstract: This catalog contains health and safety guidelines on a health topics ranging from blood pressure control to women's health and in a variety of formats, including brochures, booklets, and two-sided tear sheets. Many titles are also available in Spanish. Government agencies can save by using their GSA contract numbers quoted in the catalog at the time of purchase. Online pricing do not reflect government discounts.

Subject Category: Speech. Language. Hearing. Balance. Smell. Taste. Voice.

Descriptors: Patient Resource. Speech Disorder. Balance Disorder. Dizziness. Vertigo. Ear Disorder. Otolaryngology.

545. **Factors Affecting the Use of Hearing Protectors Among Classical Music Players.**

Author(s): Laitinen, H.

Source: Noise & Health. 7(26):21-29. 2005.

Availability: Address correspondence to H. Laitinen, Finnish Institute of Occupational Health, Department of Physics, Topeliuksenkatu 41, Helsinki, Finland.

Language: English.

Abstract: Classical musicians often are exposed to sound levels that exceed the Finnish national action limit values of 85 dB(A); however, their use of hearing protectors is uncommon. This article describes a study that investigated musician's attitudes toward hearing protectors and the conditions under which musicians use them. Musicians from five major classical orchestras in the Helsinki, Finland, area were asked to complete a questionnaire that inquired about hearing protection and ear symptoms such as tinnitus, hearing loss, pain in the ears, and temporary ringing in the ears. In addition, the musicians were asked questions concerning stress and working environments. Of those who responded, 94 percent were concerned about their hearing to some degree. Only 6 percent of the musicians always used hearing protector devices. Self-reported hearing loss was quite common, with 31 percent of musicians reporting some hearing loss. Temporary tinnitus was even more common at 37 percent.

Fifteen percent of women and 18 percent of men reported permanent tinnitus. Hyperacusis was reported by 43 percent of the musicians. Their ear symptoms affected the usage rate. Hearing protectors were used more often among musicians having ear symptoms than those reporting no symptoms. Sixty percent of musicians reported experiencing stress to some extent, and those with ear symptoms had three to nine times more stress and believed that their working environment was noisier. Thus, the study shows that musicians seldom use hearing protectors before symptoms begin. Although symptoms increased usage rate, the usage levels are still less than ideal. Motivation and training are needed to improve hearing protector use among musicians. 6 figures. 2 tables. 12 references. (AA-M).

Subject Category: Hearing.

Descriptors: Musicians. Hearing Protective Devices. Occupational Hearing Loss. Hearing Conservation. Hearing Disorders. Symptoms. Attitude. Motivation.

546. **Cochlear Implant Failures and Revision.**

Author(s): Lassig, A. A. D., Zwolan, T. A., Telian, S. A.

Source: *Otology & Neurology*. 26(4):624-634. July 2005.

Availability: Reprints available from Amy-Anne Donatelli Lassig, Department of Otolaryngology - Head and Neck Surgery, University of Michigan Medical Center, Taubman Center, 1500 E. Medical Center Drive, Ann Arbor, MI 48109. E-mail: aadon@umich.edu.

Language: English.

Abstract: This article describes a study that reviewed the cochlear implant failures and revision surgeries at a large university hospital's cochlear implant program to determine the reasons for these failures and revisions. Information on 28 adults and 30 children was reviewed. The institutional device failure rate was 3.7 percent, and the overall revision rate was 5.1 percent. Reasons for implant revision included documented internal device failure (46 percent), scalp flap complications (17 percent), optimization of electrode placement (13 percent), unexplained deterioration of performance (12 percent), technology upgrade (10 percent), and intratemporal pathology (3 percent). Revision surgery typically involved only minor anatomic challenges, but five patients required circumodiolar drillout procedures to improve electrode position. Electrode insertion was equal or deeper in 53 of the 58 cases. Speech perception ability decreased in only three patients. 4 tables. 18 references. (AA-M).

Subject Category: Hearing. Speech.

Descriptors: Cochlear Implants. Surgery. Surgical Techniques. Postoperative Complications.

547. **Preoperative Antibiotic and Steroid Therapy and Hearing Loss Caused by Semicircular Canal Transection in Pseudomonas Otitis Media.**

Author(s): Lee, J. C.

Source: *Otolaryngology-Head and Neck Surgery*. 132(6): 896-901. June 2005.

Availability: Available from Elsevier Science. (800) 654-2452. Fax: (212) 633-3820. E-mail: reprints@elsevier.com. Website: www.us.elsevierhealth.com.

Language: English.

Abstract: This article presents a review of a study that sought to determine whether preoperative administration of antibiotics and corticosteroids can attenuate the severity of hearing loss (HL) with semicircular canal (SC) transection in a guinea pig model of pseudomonas aeruginosa (PA) otitis media (OM). According to the authors, the data and findings indicate that HL caused by SC transection in PA OM may be attenuated with preoperative antibiotic therapy in the guinea pig. This study was presented at the Association for Research in Otolaryngology Midwinter Meeting, Daytona Beach, FL, February 22-26, 2004.

Subject Category: Hearing.

Descriptors: Hearing Loss Treatment. Preoperative Therapy. Hearing Research.

548. **In-the-Ear Measurements of Interference in Hearing Aids From Digital Wireless Telephones.**

Author(s): Levitt, H., Kozma-Spytek, L., Harkins, J.

Source: *Seminars in Hearing*. 26(2):87-98. May 2005.

Availability: Reprints available from Harry Levitt, Advanced Hearing

Concepts, 998 Sea Eagle Loop, P.O. Box 1166, Bodega Bay, CA 94923-1166. E-mail: harrylevitt@earthlink.net.

Language: English.

Abstract: Digital wireless telephones produce audible and often annoying interference in hearing aids. One issue that arose during the development of an American National Standards Institute standard for measuring the electromagnetic field generated by a wireless telephone was the acoustic signal to interference ratios (SIRs) that are required to achieve various levels of telephone usability. This article describes a study that explored the general question of how much interference is acceptable to hearing aid users in terms of the usability of the telephone. Forty-two hearing aid wearers listened to a telephone conversation through a dummy wireless telephone while interference levels were varied using a second telephone programmed to deliver a controlled electromagnetic field. Real ear recordings of the speech with interference were made at each rating point of usability. Signal analyses of the recordings indicate that, for 90 percent of the participants, SIRs in the 28 to 32 decibel range were needed to achieve a rating of highly usable, SIRs in the 20 to 24 decibel range were needed for a rating of minor limitations on use, and SIRs in the 12 to 15 decibel range were needed for a rating of major limitations on use. 2 figures. 2 tables. 12 references. (AA-M).

Subject Category: Hearing.

Descriptors: Hearing Aids. Signal Processing. Telephone.

549. **Benign Positional Vertigo After Cochlear Implantation.**

Author(s): Limb, C. J.

Source: *Otolaryngology-Head and Neck Surgery*. 132(5): 741-5. May 2005.

Availability: Available from Elsevier Science. (800) 654-2452. Fax: (212) 633-3820. E-mail: reprints@elsevier.com. Web site: www.us.elsevierhealth.com.

Language: English.

Abstract: This article reports on a study designed to identify patients who underwent cochlear implantation (CI) and subsequently developed benign positional vertigo (BPV) after the procedure, and to identify any contributing factors. A key finding of the research, according to the authors, BPV is an uncommon development after CI, although it occurs more frequently than in the general population.

Subject Category: Balance. Hearing.

Descriptors: Deafness. Cochlear Implantation. Benign Positional Vertigo. Dizziness. Ear Disorder.

550. **Otoacoustic Emissions: Where Are We Today?**

Author(s): Lonsbury-Martin, B. L.

Source: *The ASHA Leader*. (10)4:6-7,19. March 22, 2005.

Availability: Available from American Speech-Language-Hearing Association. 10801 Rockville Pike, Rockville, MD 20852. Website: http://www.professional.asha.org.

Language: English.

Abstract: In this article, the author discusses current research literature and findings associated with otoacoustic emissions (OAEs) and the significant benefits to the clinician of both experimental and theoretical findings. OAEs are defined in the article as sounds that can be measured in the external ear canal following the presentation of an acoustic stimulus. The author points out that, in general, OAEs supply unique information about cochlear function in the presence of hearing problems—a capability that continues to make OAEs valuable response measures in both the clinical and basic hearing sciences and promises to contribute further useful tests to the audiometric-test battery.

Subject Category: Hearing.

Descriptors: Hearing Testing. Audiology. Acoustic Stimuli. Hearing Research. Otoacoustics.

551. **Auditory Processing and Auditory Integration Training.**

Author(s): Madell, J. R.

Source: *Innovative Methods in Language Intervention: Treatment Outcome Measures. Can the Data Support the Claims?*. Wankoff, L.S., Ed. Austin, TX. PRO-ED, Inc. 2005. pp. 175-201. ISBN: 1-4164-0117-2 (softcover).

Availability: Available from PRO-ED, Inc. 8700 Shoal Creek Boulevard, Austin, TX 78757-6897. (800) 897-3202. Fax: (800) 397-7633. Website: www.proedinc.com.

Language: English.

Abstract: This chapter from a sourcebook that reviews the most clinically useful options for helping children who have language impairments focuses on auditory processing and auditory integration training. The author begins by highlighting the importance of hearing for language and academic learning and socialization. This is followed by a discussion of auditory processing disorders, the importance of assessing auditory functioning, and the components of an audiologic evaluation. The author then describes various auditory processing tests, including dichotic tests, low redundancy tests, temporal processing tests, and electrophysiological tests, and discusses the management of auditory function disorders. In addition, the author examines auditory integration training (AIT), a treatment for an auditory function disorder. Topics include the theoretical basis of AIT, the determination of candidacy for AIT, the audiologic evaluation, the determination of auditory attention skills, word recognition testing, auditory processing testing, AIT devices, and expected outcomes. The chapter also includes several case histories. 1 table. 66 references.
Subject Category: Hearing. Language. Speech.
Descriptors: Hearing. Learning. Social Skills. Language Development. Auditory Processing. Diagnostic Tests. Therapy. Case Studies.

552. ***Study of Prognostic Factors in Sudden Hearing Loss.***

Author(s): Mamak, A.

Source: EMT: Ear, Nose and Throat Journal. 84(10):641-644. October 2005.

Availability: Reprints available from Dr. Suleyman Yilmaz, Istanbul Universitesi Cerrahpasa, TipFakKBB ABD, Istanbul, Turkey. 90-216-576-7012. Fax: 90-216-469-5338. E-mail: dryilmazsuleyman@yahoo.com.

Language: English.

Abstract: This article describes a study of the prognostic significance of the presence or absence of vertigo and tinnitus, the timing of the initiation of treatment, the type and severity of hearing loss, and age of 72 patients who had experienced sudden hearing loss. Patients provided a history and underwent numerous tests. Researchers found that the factors associated with a positive prognosis were the absence of vertigo, the presence of tinnitus, initiation of treatment within 7 days, a greater degree of hearing loss in the low frequencies, and a hearing loss of less than 45 decibels. There was no evidence that age had an effect on prognosis. 2 tables. 19 references. (AA-M).

Subject Category: Balance. Hearing.

Descriptors: Hearing Loss. Sudden Deafness. Vertigo. Tinnitus. Therapy. Age Factors. Prognosis.

553. ***Pathology and Pathophysiology of Idiopathic Sudden Sensorineural Hearing Loss.***

Author(s): Merchant, S. N.

Source: Otolaryngology & Neurotology. 26(2):151-160, March 2005.

Availability: Available from Lippincott Williams and Wilkins. Customer Service, P.O. 1175, Lowell, MA 01853. (978) 262-9611. Fax: (978) 262-9617.

Language: English.

Abstract: According to the authors of this article, the cause and pathogenesis of idiopathic sudden sensorineural hearing loss remain unknown but the common theories associated with this disorder are vascular occlusion, membrane breaks, and viral cochleitis. The aim of this medical team is to describe the temporal bone histopathology in 17 patients (aged 45-94) with idiopathic sudden sensorineural hearing loss in the researchers' temporal bone collection and discuss the implications of the histopathologic findings with respect to the pathophysiology of idiopathic sudden sensorineural hearing loss. In their conclusion, the team presents the hypothesis that idiopathic sudden sensorineural hearing loss may be the result of pathologic activation of cellular stress pathways involving nuclear factor-[kappa] B within the cochlea.

Subject Category: Hearing.

Descriptors: Sudden Sensorineural Hearing Loss. Deafness. Hearing Research. Hearing Loss Causation.

554. ***Fast ForWord Language: A Research Update.***

Author(s): Miller, S. L.

Source: Innovative Methods in Language Intervention: Treatment Outcome Measures. Can the Data Support the Claims?. Wankoff, L.S., Ed. Austin, TX. PRO-ED, Inc. 2005. pp. 141-174. ISBN: 1-4164-0117-2 (softcover).

Availability: Available from PRO-ED, Inc. 8700 Shoal Creek Boulevard,

Austin, TX 78757-6897. (800) 897-3202. Fax: (800) 397-7633. Website: www.proedinc.com. PRICE: \$35. Order number 12073.

Language: English.

Abstract: This chapter from a sourcebook that reviews the most clinically useful options for helping children who have language impairments focuses on Fast ForWord Language, an adaptive computer-based product developed to provide practice in the following areas of receptive language: phonemic awareness, language structures, verbal working memory, and listening accuracy. The product, which is designed for children ages 4 to 14 years, consists of seven exercises presented in the form of motivational computer exercises. The chapter discusses the principles underlying the development of the product and describes each exercise. In addition, the chapter highlights previous studies showing improvements in the language performance of clinical populations with associated language deficits and presents additional studies of the efficacy of Fast ForWord Language in special populations. Special populations include children with cochlear implants, pervasive developmental disabilities, specific reading disability with and without co-occurring language problems, and unclassified children with low reading and language performance. 4 figures. 4 tables. Numerous references.

Subject Category: Hearing. Language. Speech.

Descriptors: Children. Software. Receptive Language. Language Intervention. Language Skills. Phonics. Language Comprehension. Listening Comprehension. Reading Disorders. Dyslexia. Reading Comprehension. Cochlear Implants. Developmental Disorders.

555. ***Improved Speech Perception in Adult Congenitally Deafened Cochlear Implant Recipients.***

Author(s): Moody-Antonio, S.

Source: Otolaryngology & Neurotology. 26(4):649-654. July 2005.

Availability: Reprints available from Dr. Stephanie Moody-Antonio, Department of Otolaryngology - Head & Neck Surgery, Hofheimer Hall, 825 FairFax: Avenue, Norfolk, VA 23507.

Language: English.

Abstract: This article describes a study that determined whether congenitally deafened adults achieve improved speech perception when auditory and visual speech information is available after cochlear implantation. Participants were eight adults with profound congenital bilateral hearing loss who underwent cochlear implantation as adults. For all eight as a group, the audiovisual scores were significantly better than auditory-alone or visual-alone scores. Three participants appeared to have a simple additive effect in the audiovisual condition. Three other participants performed better in the audiovisual condition than would be estimated by simple addition of scores obtained in the audiovisual and visual conditions. Two participants did not show improvement in speech understanding in the audiovisual condition compared with the unimodal conditions. Results suggest a significant capacity for multimodal speech perception in congenitally deafened adult cochlear implant patients. 1 figure. 2 tables. 25 references. (AA-M).

Subject Category: Hearing. Speech.

Descriptors: Adults. Congenital Deafness. Cochlear Implants. Speechreading. Speech Perception.

556. ***ALD Applications: Fabulous FM.***

Author(s): Mosheim, J.

Source: ADVANCE for Audiologists. 7(1):23. Jan/Feb. 2005.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556 King of Prussia, PA 19406-0956. (610) 278-1400. Web site: www.advancweb.com/.

Language: English.

Abstract: According to the author of this article, hearing loss is the number one birth defect in the United States. This article focuses on managing hearing loss in young children, specifically to couple an FM system to children's hearing aids. The author suggests that FM optimizes speech intelligibility in all situations where distance, noise and reverberation interfere with communication and without early intervention and amplification during the first few months of life, children can experience communication delays.

Subject Category: Hearing.

Descriptors: Hearing Assistive Devices. Managing Infant Hearing Loss. Pediatric Hearing Loss. Hearing Aids. FM Systems.

557. ***Deaf Patients, Hearing Medical Personnel: Interpreting and Other Considerations.***

Author(s): Moxham, T.

Source: Hillsboro, OR: Butte Publications, Inc. 2005. 101p.

Availability: Available from Butte Publications, Inc. P.O. Box 1328, Hillsboro, OR 97123-1328. (800) 330-9791; Fax: (503) 693-9526. E-mail: service@buttepublications.com. Website: www.buttepublications.com/. PRICE: \$19.95 plus shipping and handling. Cat. No.2737. ISBN: 1-884362-73-7.

Language: English.

Abstract: This handbook gives guidelines for how deaf patients, their families, and their interpreters may cope with a variety of issues they are likely to encounter as they move through the medical system. The text covers issues related to interpreting in various medical situations, how the code of ethics can be applied, and interpreter's health and safety concerns. This book can be a useful guide for interpreters who work in the medical community.

Subject Category: Hearing.

Descriptors: Deafness. Medical Interpreting. Deaf Patients. Medical Ethics.

558. ***Heard Around the World! Hearing Aid Compatibility and Wireless Assistive Devices.***

Author(s): Myers, D. G.

Source: The Hearing Review. 12(1):22. January 2005.

Availability: Available from the Hearing Review. Website: www.hearingreview.com/. Correspondence can be addressed to HR or David G. Myers, Hope College, Holland, MI 49422-9000. E-mail: myers@hope.edu; Website: www.hearingloop.org.

Language: English.

Abstract: According to the author of this article, telecoils are in more and more hearing aids, induction loop systems are spreading, and hard of hearing advocates are more vocal in their requests for hearing aid compatible phones and assistive listening-all of which bodes well for people with hearing loss, hearing care professionals, and the hearing industry. This article focuses on hearing aids and hearing compatible devices technology, the benefits of hearing assistive devices to the hearing impaired, and what hearing professionals can do to impact the momentum toward increased functionality and use of hearing aids.

Subject Category: Hearing.

Descriptors: Hearing Aids. Hearing Assistive Devices. Wireless Technology. Hearing Technology. Deafness.

559. ***Facial Nerve Monitoring Parameters As a Predictor of Postoperative Facial Nerve Outcomes After Vestibular Schwannoma Resection.***

Author(s): Neff, B. A.

Source: Otolology & Neurotology. 26(4):728-732. July 2005.

Availability: Reprints available from Dr. D. Bradley Welling, 456 W. 10th Avenue, Columbus, OH 43210. E-mail: Welling.1@osu.edu.

Language: English.

Abstract: The article describes a study that evaluated whether the intraoperative stimulus threshold and response amplitude measurements from facial electromyography can predict facial nerve function at 1 year after vestibular schwannoma resection. Facial nerve outcomes at 1 year were evaluated using the House-Brackmann scale. Of 74 patients, 66 had House-Brackmann grade I or II facial nerve function and 8 had House-Brackmann grade III through VI function at 1 year after surgery. Logistic regression analysis shows that both a stimulus threshold of 0.05 mA or less and a response amplitude of 240 uV or greater predicted a House-Brackmann grade I or II outcome with a 98 percent probability. However, stimulus threshold or response amplitude alone had a much lower probability of the same result. Although tumor size independently predicted facial nerve outcomes at 1 year, it did not improve the ability to predict facial nerve function over a model using stimulus intensity and amplitude alone. The article concludes that, if both minimal stimulus intensity or response amplitude are considered together, they are good prognostic indicators for facial nerve function at 1 year after surgery. 1 figure. 4 tables. 24 references. (AA-M).

Subject Category: Balance. Hearing.

Descriptors: Acoustic Neuromas. Surgery. Face. Nervous System. Prognosis.

560. ***Protection Efficiency of Hearing Protectors Against Military Noise From Handheld Weapons and Vehicles.***

Author(s): Paakkonen, R., Lehtomaki, K.

Source: Noise & Health. 7(26)11-20. January-March 2005.

Availability: Address correspondence to H. Laitinen. Finnish Institute of Occupational Health, Department of Physics, Topeliuksenkatu 41aA FIN-00250 Helsinki, Finland.

Language: English.

Abstract: This research paper reviews a study conducted to gather data and information on the efficiency and noise attenuation properties of different types of hearing protectors under military field conditions. The researchers tested members of the military in various military-like settings, including combat and shooting exercises with blank and normal cartridges and during a defense exercise with normal cartridges. Peak levels of 110-120 dB for military trainers were measured in the ear canal during the conscript use of small-bore weapons. Noise inside headgear (worn in combat vehicles and tanks for noise control) was found to reach up to 120 dB, and the noise doses varied between 90 and 105 dB. Noise was also measured for aviation pilots in Finnish jet fighters and ground technicians who are exposed to noise levels varying from 93 to 97 dB daily. Based on the results and findings, the authors conclude that the best protection for soldiers may be active noise cancellation ear muffs that are equipped for communication purposes and worn during the entire military exercise.

Subject Category: Hearing.

Descriptors: Hearing Protectors. Combat Noise. Military Noise. Jet Fighters. Occupational Health Survey.

561. ***Diagnosing Dizziness and Vertigo: The Physical Exam and Balance Testing.***

Author(s): Poe, D., ed.

Source: In: The Consumer Handbook on Dizziness and Vertigo. Sedona, AZ. Auricle Ink Publishers. 2005. [p]55-85.

Availability: Available from Auricle Ink Publishers. P.O. Box 20607, Sedona, AZ 86341. (520) 284-0860; E-mail: spruhnner@sedona.net; http://www.hearingproblems.com. PRICE: \$29.95 plus shipping and handling. ISBN: 0-9661826-4-2 (hardcover).

Language: English.

Abstract: In this chapter of the Consumer Handbook on Dizziness and Vertigo, the author outlines evaluation and testing procedures for balance disorders to help patients prepare for their own evaluation procedures.

Subject Category: Balance. Hearing.

Descriptors: Dizziness. Vertigo. Inner-Ear Disorder. Ear Disorder. Benign Paroxysmal Positional Vertigo. Meniere's Disease. Dizziness Management. Aging Disorders.

562. ***The Consumer Handbook on Dizziness and Vertigo.***

Author(s): Poe, D., ed.

Source: Sedona, AZ. Auricle Ink Publishers. 2005. 340pp.

Availability: Available from Auricle Ink Publishers. P.O. Box 20607, Sedona, AZ 86341. (520) 284-0860; E-mail: spruhnner@sedona.net; http://www.hearingproblems.com. PRICE: \$29.95 plus shipping and handling. ISBN: 0-9661826-4-2 (hardcover).

Language: English.

Abstract: Ear, nose, and throat physicians, surgeons and rehabilitation therapists contribute chapters within each specialty for this Handbook. The book covers different known causes of dizziness and vertigo from stress and head trauma to tumors, along with diagnoses, common treatments, the impact of medications, surgical and non-surgical alternatives, and screenings.

Subject Category: Balance. Hearing.

Descriptors: Dizziness. Vertigo. Inner-Ear Disorder. Ear Disorder. Benign Paroxysmal Positional Vertigo. Meniere's Disease. Dizziness Management. Aging Disorders.

563. ***Surgical Treatment (for Dizziness and Vertigo).***

Author(s): Poe, D., ed.

Source: In: The Consumer Handbook on Dizziness and Vertigo. Sedona, AZ. Auricle Ink Publishers. 2005. [p]201-224.

Availability: Available from Auricle Ink Publishers. P.O. Box 20607, Sedona, AZ 86341. (520) 284-0860; E-mail: spruhnner@sedona.net; http://www.hearingproblems.com. PRICE: \$29.95 plus shipping and handling. ISBN: 0-9661826-4-2 (hardcover).

Language: English.

Abstract: This chapter in the Consumer Handbook on Dizziness and

Vertigo discusses the small percentage of patients for whom surgical options will be considered to control their attacks of vertigo, since medical therapy typically will not be sufficient for these patients. The author describes the various surgical procedures and explains what patients can expect from medical therapy.

Subject Category: Balance. Hearing.

Descriptors: Dizziness. Vertigo. Inner-Ear Disorder. Ear Disorder. Benign Paroxysmal Positional Vertigo. Meniere's Disease. Dizziness Management. Aging Disorders.

564. **Medical Conditions Causing Dizziness.**

Author(s): Poe, D., ed.

Source: In: The Consumer Handbook on Dizziness and Vertigo. Sedona, AZ. Auricle Ink Publishers. 2005. [p.]87-109.

Availability: Available from Auricle Ink Publishers. P.O. Box 20607, Sedona, AZ 86341. (520) 284-0860; E-mail: spruhnner@sedona.net; <http://www.hearingproblems.com>. PRICE: \$29.95 plus shipping and handling. ISBN: 0-9661826-4-2 (hardcover).

Language: English.

Abstract: In this chapter of the Consumer Handbook on Dizziness and Vertigo, the author discusses known medical and neurological conditions that can cause dizziness and vertigo, as well as patients' role in helping physicians form accurate diagnosis for their specific symptoms.

Subject Category: Balance. Hearing.

Descriptors: Dizziness. Vertigo. Inner-Ear Disorder. Ear Disorder. Benign Paroxysmal Positional Vertigo. Meniere's Disease. Dizziness Management. Aging Disorders. Diagnosis.

565. **Medical and Neurological Management of Dizziness.**

Author(s): Poe, D., ed.

Source: In: The Consumer Handbook on Dizziness and Vertigo. Sedona, AZ. Auricle Ink Publishers. 2005. [p.]175-200.

Availability: Available from Auricle Ink Publishers. P.O. Box 20607, Sedona, AZ 86341. (520) 284-0860; E-mail: spruhnner@sedona.net; <http://www.hearingproblems.com>. PRICE: \$29.95 plus shipping and handling. ISBN: 0-9661826-4-2 (hardcover).

Language: English.

Abstract: In this chapter of the Consumer Handbook on Dizziness and Vertigo, the author discusses treatment and management of dizziness and balance disturbances. Diet, pharmaceuticals, and herbal medicines are covered.

Subject Category: Balance. Hearing.

Descriptors: Dizziness. Vertigo. Inner-Ear Disorder. Ear Disorder. Benign Paroxysmal Positional Vertigo. Meniere's Disease. Dizziness Management. Aging Disorders.

566. **Aural Habilitation Update: The Role of Speech Production Skills of Infants and Children With Hearing Loss.**

Author(s): Pratt, S. R.

Source: The ASHA Leader. (10)4:8-9,32,33. March 22, 2005.

Availability: Available from American Speech-Language-Hearing Association. 10801 Rockville Pike, Rockville, MD 20852. Website: <http://www.professional.asha.org>.

Language: English.

Abstract: In this article, the role of auditory feedback on speech production skills of infants and children with hearing loss is discussed. The author makes a case for more research on the impact that hearing aids and other sensory aids can have on speech and auditory system development, if clinicians are to treat infant hearing loss effectively.

Subject Category: Hearing. Speech.

Descriptors: Infant Hearing Loss. Hearing Impairment. Children. Language Skills. Speech Development. Universal Infant Hearing Screening Programs.

567. **Improved Diagnostic Effectiveness With a Sequential Diagnostic Paradigm in Idiopathic Pediatric Sensorineural Hearing Loss.**

Author(s): Preciado, D. A.

Source: Otolaryngology. 26(4):610-615. July 2005.

Availability: Reprints available from Dr. John H. Greinwald, Jr., Department of Pediatric Otolaryngology, Cincinnati Children's Hospital

Medical Center, 3333 Burnet Avenue, Cincinnati, OH 45229-3039. E-mail: john.greinwald@cchmc.org.

Language: English.

Abstract: This article describes a study that determined whether a stepwise diagnostic paradigm is more efficient and cost effective than a simultaneous testing approach in the evaluation of idiopathic pediatric sensorineural hearing loss (SNHL). The study population consisted of 150 children presenting with idiopathic SNHL at a tertiary referral children's hospital. Overall, 12 percent of patients had biallelic mutations in the GJB2 gene, whereas 30 percent of patients had an abnormality on a temporal bone scan. Laboratory testing did not reveal SNHL etiology in any patient. Radiologic abnormalities were identified in 45 of the 150 children. The battery of laboratory testing performed in the cohort had an exceedingly low SNHL-specific diagnostic yield. No test contributed toward the etiology of SNHL. The article concludes that a stepwise diagnostic paradigm tailored to the level of hearing loss in children with bilateral SNHL is more diagnostically efficient and cost effective than the more commonly used, full simultaneous testing approach. Thus, children with severe to profound SNHL should first be tested with a GJB2 screen as opposed to those with milder SNHL, who should undergo imaging as the initial testing step. Laboratory investigation should not be routine but based on clinical history. 3 figures. 2 tables. 16 references. (AA-M).

Subject Category: Hearing.

Descriptors: Children. Sensorineural Hearing Loss. Diagnostic Tests. CT Scan. Screening. Genetics. Cost Effectiveness.

568. **Newborn Hearing Screening Follow-Up: The Essential Next Step.**

Author(s): Primus, M.A.

Source: The Hearing Review. January 2005. 12(1):18.

Availability: Available from the Hearing Review. www.hearingreview.com/. Address correspondence to HR or Michael A. Primus, Division of Communication Disorders, University of Wyoming, Dept. 3311, 1000 E. University Avenue, Laramie, WY 82071. E-mail: mprimus@uwyo.edu.

Language: English.

Abstract: The author introduces his topic with a commendation of the support for and rapid growth of universal newborn hearing screening (UNHS) in the past decade and cites data that show 89.5 percent of children born in the United States are now being screened. The author noted also that high rates of screening does indicate the program is successful as the screening process is valuable only to the extent that appropriate follow-up hearing care services are available to those identified with deficient hearing. This article focuses on the issues and concerns related to the lack of follow-up management. The specific program under review oversees UNHS in largely rural settings throughout the State of Wyoming.

Subject Category: Hearing.

Descriptors: Universal Newborn Hearing Screening. Newborn Screening Program. Pediatric Hearing Impairment. Deafness. Children. Healthcare Policy.

569. **The Bone-Anchored Hearing Aid In Children: A Surgical and Questionnaire Follow-Up Study.**

Author(s): Priwin, C., Granstrom, G.

Source: Otolaryngology-Head and Neck Surgery. 132(4): 559-64. April 2005.

Availability: Available from Elsevier Science. (800) 654-2452. Fax: (212) 633-3820. E-mail: reprints@elsevier.com. Web site: www.us.elsevierhealth.com.

Language: English.

Abstract: The main objectives for the study described in this article were to evaluate the surgical techniques and problems seen in children with bone-anchored hearing aids (BAHA) as well as to determine the children's attitudes toward BAHA. The study subjects included 41 children with unilateral BAHA. Surgical records were investigated and a questionnaire was distributed. The authors conclude from their findings that BAHA is a good alternative in children despite limited thickness of the temporal bone.

Subject Category: Hearing.

Descriptors: Hearing Aids. Deafness. Hearing Assistive Devices. Hearing Technology. Hearing Research. Children.

570. **Cochlear Implantation in Otosclerosis.**

Author(s): Quaranta, N.

Source: *Otology & Neurotology*. 26(5):983-987. September 2005.

Availability: Reprints available from Antonio Quaranta, Otorhinolaryngology Clinic G. Lugli, Otolologic and Neurotologic Surgery, Policlinico di Bari, Piazza G. Cesare 11, 70124 Bari, Italy. E-mail: otorino1@orl.uniba.it.

Language: English.

Abstract: This article describes a retrospective study that compared the results obtained in a group of nine cochlear implanted otosclerotic patients with a group of nine cochlear implant (CI) patients not affected by otosclerosis. Otosclerosis patients showed signs of cochlear ossification both on high resolution computed tomography scans and intraoperatively. The incidence of facial nerve stimulation was higher in the otosclerosis group (three out of nine) and generally was related to the use of electrical stimulation from the Nucleus 22 cochlear implant. Psychophysical and speech perception measures did not show significant differences between the two groups, even though some otosclerosis patients showed increased electrical thresholds and comfort levels and slightly poorer speech perception performance scores. The authors conclude that patients with otosclerosis who have progressed to profound hearing loss derive significant benefit from cochlear implants; however, an increased risk of cochlear ossification and facial nerve stimulation has to be taken into account during preoperative counseling. 1 figure. 4 tables. 8 references. (AA-M).

Subject Category: Hearing. Speech.

Descriptors: Sensorineural Hearing Loss. Cochlear Implants. Otosclerosis. Face. Nervous System. Speech Perception.

571. *Vestibular Schwannoma in the Only Hearing Ear: Cochlear Implant or Auditory Brainstem Implant?*

Author(s): Ramsden, R.

Source: *Otology & Neurotology*. 26(2):261-264, March 2005.

Availability: Available from Lippincott Williams and Wilkins. Customer Service, P.O. 1175, Lowell, MA 01853. (978) 262-9611. Fax: (978) 262-9617.

Language: English.

Abstract: This study was conducted to explore circumstances where the patient develops a vestibular schwannoma in the only hearing ear, the other having been deaf from birth, and to consider the choice between auditory rehabilitation using a cochlear implant (CI) on the congenitally deaf side and an auditory brainstem implant (ABI) on the tumor side. Based on their findings, the authors conclude that results from cochlear implantation in the congenitally deaf ear in these patients were poor and suggest that stimulus deprivation in the early stages of the maturation of the auditory pathways is important even for a unilateral hearing loss. The authors advocate the insertion of an ABI at the time of tumor removal, retaining the option of CI in the congenitally deaf ear in the event of a poor outcome with the ABI.

Subject Category: Hearing.

Descriptors: Vestibular Schwannoma. Auditory Brainstem Implant. Cochlear Implant. Plasticity. Hearing Research. Hearing Impairment Management.

572. *The Prospect of a Biological Treatment for Restoring Hearing.*

Author(s): Raphael, Y.

Source: *Hearing Loss*. Bethesda, MD. 26(2):32. March/April 2005.

Availability: Available from Self Help for Hard of Hearing People. 7910 Woodmont Avenue, Suite 1200, Bethesda, MD 20814. Voice: (301) 657-2248. TTY (301) 657-2249. Web site: www.shhh.org.

Language: English.

Abstract: An overview of new research that, according to the author, will have a positive impact on the future of hearing restoration. Much of the research is centered on a lack of spontaneous cell replacement or cell regeneration in the sensory hearing epithelium. The author explains this lack as the main reason for profound deafness.

Subject Category: Hearing.

Descriptors: Hearing Loss. Sensorineural Hearing Loss. Hearing Loss Research. Hair Cell Regeneration. Deafness.

573. *Reception of Environmental Sounds Through Cochlear Implants.*

Author(s): Reed, C. M., Delhorne, L. A.

Source: The American Auditory Society: Ear and Hearing Journal.

www.amauditarysoc.org. 26(1):48-61. February 2005.

Availability: Available from Lippincott Williams and Wilkins. 530 Walnut Street, Philadelphia, PA 19106-3621. Voice: (215) 521-8300. Web site: www.ear-hearing.com.

Language: English.

Abstract: This article reports on a study in which environmental sound reception was studied in 11 subjects with cochlear implants using an identification test employing closed sets of ten sounds in four different environmental settings. Performance on the identification task (which was similar across the four stimulus sets) varied substantially across subjects. Mean scores ranged from 45 to 94 percent correct across the 11 subjects. Performance on the environmental sound identification test was roughly related to monosyllabic word recognition ability. Specifically, those subjects with NU-6 word scores greater than 34 percent correct performed at levels of 80 to 94 percent correct on the environmental sound test, while subjects with word scores less than 34 percent had environmental sound scores in the range of 45 to 75 percent. An analysis of confusion patterns indicated that temporal envelope cues appeared to distinguish those stimuli that were most perceptually salient. Results suggest the usefulness of a clinical screening test for environmental sound recognition.

Subject Category: Hearing.

Descriptors: Sound Reception. Cochlear Implants. Hearing Devices. Deafness. Hearing research.

574. *Developments in Tinnitus.*

Author(s): Ross, M.

Source: *Hearing Loss*. Bethesda, MD. 26(2):25. March/April 2005.

Availability: Available from Self Help for Hard of Hearing People. 7910 Woodmont Avenue, Suite 1200, Bethesda, MD 20814. Voice: (301) 657-2248. TTY (301) 657-2249. Web site: www.shhh.org.

Language: English.

Abstract: In this article the author reviews the most current information about tinnitus and tinnitus treatments. The author also provides an general overview of the disorder that includes demographics and causation.

Subject Category: Hearing.

Descriptors: Tinnitus. Hearing Impairment. Hearing Research. Managing Hearing Disorders. Ear Disease.

575. *Telecoils: Issues and Relevancy.*

Author(s): Ross, M.

Source: *Seminars in Hearing*. 26(2):99-108. May 2005.

Availability: Reprints available from Mark Ross, Communication Sciences Department, University of Connecticut, 9 Thomas Drive, Storrs, CT 06268.

Language: English.

Abstract: What a hearing aid user hears through a telecoil via inductive coupling is as important as what he or she hears via the microphone, yet many audiologists and the hearing aid industry in general have not put much time and energy into either the advancement of telecoil circuitry or the proper fitting of the circuit. This article addresses issues related to telecoils, including coupling techniques for telephones and assistive listening system (ALS) receivers, the inclusion of telecoil measurements in American National Standards Institute standard S3.22 (1996), methods for telecoil evaluation, and the current status of telecoils for both telephone communication and as ALS receivers. 11 figures. 13 references. (AA-M).

Subject Category: Hearing.

Descriptors: Hearing Aids. Signal Processing. Telephone. Assistive Listening Devices.

576. *Fragmented Sense of Self.*

Author(s): Rosto, L.

Source: *ADVANCE for Speech-Language Pathologists and Audiologists* 15(6):22. February 2005.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. (610) 278-1400. E-mail: advance@merion.com. Website: www.advanceweb.com.

Language: English.

Abstract: A brief review of psychological issues that affect individuals with traumatic brain injury (TBI)-specifically, memory loss, cognitive problems, and emotional and interpersonal behavior changes related to

TBI.

Subject Category: Speech. Hearing.

Descriptors: Cognitive Problems. Speech Disorder. Brain Injury. Behavior Disorder. Mental Wellness.

577. **Facial Paralysis and Surgical Rehabilitation: A Quality of Life Analysis in a Cohort of 1,595 Patients After Acoustic Neuroma Surgery.**

Author(s): Ryzenman, J. M., Pensak, M. L., Tew Jr, J. M.

Source: Otolaryngology & Neurotology. 26(3):516-521. May 2005.

Availability: Available from Lippincott Williams and Wilkins. Customer Service, P.O. Box 1175, Lowell, MA 01853. (978) 262-9611. Fax: (978) 262-9617. Website: www.otology-neurotology.com.

Language: English.

Abstract: The Acoustic Neuroma Association mailed a detailed questionnaire to 2,372 members to identify preoperative and postoperative symptoms, complications, and long-term effects on physical and psychosocial function of patients with acoustic neuroma. Based on the survey results, the authors report patient ratings of facial dysfunction and outcomes for various facial rehabilitative therapies after surgical treatment of acoustic neuroma (AN); assessed patients' perceived quality of life (QOL); and reviewed the literature regarding facial dysfunction and its management associated with AN. This report provides an overview of the study, the findings, and the researchers' conclusions.

Subject Category: Hearing.

Descriptors: Facial Dysfunction. Acoustic Neuroma Surgery. Research. Acoustic Neuroma Management.

578. **Using WiFi Technology for Children With Unilateral Losses.**

Author(s): Scholl, J. R.

Source: The Hearing Review. 12(5):44. May 2005.

Availability: Available from the Hearing Review. Website: www.hearingreview.com/. Correspondence can be addressed to Jacqueline Rogers Scholl, MS, 1424 E. 17th Place, Tulsa, OK 74120. E-mail: n2earz@yahoo.com.

Language: English.

Abstract: In this paper, the author shares her experiences with WiFi technology—a product that beams signals to the hearing aid in a CROS fitting (no cables—and her patients' reception to this technology).

Subject Category: Hearing.

Descriptors: Hearing Rehabilitation. Hearing Technology. Hearing Assistive Devices. Pediatric Audiology. Pediatric Unilateral Hearing Loss. FM Systems. Hearing Aids.

579. **The Consumers Guide to Hearing Aids.**

Author(s): Self Help for Hard of Hearing People.

Source: Self Help for Hard of Hearing. Bethesda, MD. 2005. 24 pp.

Availability: Available from Self Help for Hard of Hearing People. 7910 Woodmont Avenue, Suite 1200, Bethesda, MD 20814. (301) 657-2248. TTY: (301) 657-2249. Fax: (301) 913-9413. E-mail: info@hearingloss.org. Website: www.hearingloss.org. PRICE: \$4.25.

Language: English.

Abstract: This guide is a color booklet illustrating the different styles of hearing aids and comparing different models and features. In addition, it illustrates the technology pyramid and hearing aid pricing. Users can learn and get information about: conventional, advanced, programmable and digital hearing aids and compare the differences; why two hearing aids are better than one; what to expect from their hearing aids; and definitions to understand hearing aid terminology. The booklet is defined as a must-have before someone buys their next pair of hearing aids.

Subject Category: Hearing.

Descriptors: Hearing Aids. Hearing Assistive Devices. Hearing Aid Fitting. Hearing Aid Technology. Patient Guide.

580. **Cochlear Implants: When Hearing Aids Aren't Enough.**

Author(s): Self Help for Hard of Hearing People.

Source: Self Help for Hard of Hearing People, Inc. Bethesda, MD. 2003. 16p.

Availability: Available from Self Help for Hard of Hearing People, Inc. (SHHH). 7910 Woodmont Avenue, Suite 1200, Bethesda, MD 20814. (301) 657-2248. TTY: (301) 657-2249. Fax: (301) 913-9413. E-mail:

info@hearingloss.org. Website: www.hearingloss.org. PRICE: multiple copies are free to consumers and health professionals.

Language: English.

Abstract: Sponsored by Cochlear Americas and produced by SHHH, this detailed, 12-page publication provides a clear and straightforward description of the cochlear implant process, and specifically addresses the concerns of seniors who are interested in cochlear implants. Reviewed by leading clinicians in the field, 'Cochlear Implants' recommends key factors you should consider when selecting a cochlear implant.

Subject Category: Hearing.

Descriptors: Cochlear Implants. Hearing Assistive Devices. Hearing Loss Technology. Elderly Hearing Loss. Aging.

581. **Intratympanic Dexamethasone and Hyaluronic Acid in Patients With Low-Frequency and Meniere's-Associated Sudden Sensorineural Hearing Loss.**

Author(s): Selivanova, O. A.

Source: Otolaryngology & Neurotology. 26(5):890-895. September 2005.

Availability: Reprints available from Dr. Oksana A. Selivanova, University of Mainz Medical School, Department of Otolaryngology-Head and Neck Surgery, Langenbeckstrasse 1, 55101 Mainz, Germany. E-mail: selivanova@hno.klinik.uni-mainz.de.

Language: English.

Abstract: This article describes a study that evaluated intratympanic application of dexamethasone and hyaluronic acid in a group of 18 patients having isolated idiopathic low-frequency sensorineural hearing loss (SNHL) and in another group of 21 patients with a history of Meniere's disease with similar audiometric findings. After intratympanic injections of dexamethasone and hyaluronic acid, 14 of the 18 patients with isolated low-frequency SNHL showed a significant improvement in hearing. After intratympanic therapy, 15 patients with a previous history of Meniere's disease and idiopathic isolated low-frequency SNHL showed an improvement in hearing on pure tone audiometry, four remained unchanged, and two showed a tendency toward a slight deterioration. The authors conclude that intratympanic combined dexamethasone and hyaluronic acid application provides a reliable and safe therapeutic option for improvement of hearing in patients with isolated low-frequency SNHL or SNHL resulting from Meniere's disease who have failed intravenous steroid and vasoactive treatments. 2 figures. 1 table. 5 references. (AA-M).

Subject Category: Balance. Hearing.

Descriptors: Sensorineural Hearing Loss. Sudden Deafness. Drug Therapy. Steroids. Tympanic Membrane. Menieres Disease. Treatment Efficacy.

582. **Research Probes Optimum Age for Implants.**

Author(s): Shafer, D. N.

Source: The ASHA Leader. (10)4:5,13. March 22, 2005.

Availability: Available from American Speech-Language-Hearing Association. 10801 Rockville Pike, Rockville, MD 20852. Website: http://www.professional.asha.org.

Language: English.

Abstract: Researchers at the Indiana University School of Medicine are trying to determine how infants with cochlear implants perceive and develop speech and language. This article gives an overview of what these researchers have accomplished so far with their research and what their goals are for the future.

Subject Category: Hearing.

Descriptors: Infants and Cochlear Implants. Pediatric Deafness. Infant Hearing Rehabilitation. Audiology. Hearing Research. Speech Development.

583. **The Clinical Use Of P1 Latency As a Bio-Marker for Assessment of Central Auditory Development in Children With Hearing Impairment.**

Author(s): Sharma, A.

Source: Audiology Today. 17(3):18. May/June 2005.

Availability: Available from the American Academy of Audiology. Publications, 11730 Plaza America Drive, Suite 300, Reston, VA 20190. (800) AAA-2336; (703) 790-8466. Fax: (703) 790-8631. Website: http://www.audiology.org/.

Language: English.

Abstract: In this paper, the author discusses his research to determine if P1 Cortical Auditory Evoked Potential (CAEP) may aid in evaluating the benefit from a hearing aid and/or cochlear implant (CI) in hearing-impaired infants. According to the author, behavioral audiometric thresholds are difficult to obtain in infants and thresholds do not completely assess the contribution of amplification to central auditory system development. From the research, the author finds that, when combined with traditional behavioral measures of audiological and speech-language assessment, P1 latencies can provide information relevant to the issue of whether to provide a child with a cochlear implant following an appropriate hearing-aid trial. The author concludes also that this bio-marker can benefit clinicians who use it to monitor the development of central auditory pathways after a child has been fitted with a CI.

Subject Category: Hearing.

Descriptors: Hearing Impaired Infants. Newborn Hearing Screening. Newborn Hearing Rehabilitation. Central Auditory System. Cochlear Implants. Hearing Research.

584. ***Inner Ear Abnormalities in Patients With Goldenhar Syndrome.***

Author(s): Sotirios, B., Minoo, L., Lenarz, T., Becker, H.

Source: *Otology & Neurotology*. 26(3):398-404. May 2005.

Availability: Available from Lippincott Williams and Wilkins. Customer Service, P.O. Box 1175, Lowell, MA 01853. (978) 262-9611. Fax: (978) 262-9617. Website: www.otology-neurotology.com.

Language: English.

Abstract: The authors of this article report on a study in which they investigate the inner-ear malformations in patients with Goldenhar syndrome and hypothesize the potential embryopathogenesis of these malformations. The study subjects are 14 patients with Goldenhar syndrome. Each patient underwent hearing tests and high-resolution computed tomography (CT) of the temporal bone. In six patients, magnetic resonance imaging of the temporal bone also was performed. Based on results, the authors report that their observations correlate with the reported cases in the literature and may help to hypothesize the embryological origin of these malformations. The authors emphasize that specialists evaluating patients with Goldenhar syndrome should be aware of the possibility of inner-ear malformations which could be diagnosed earlier with appropriate imaging studies.

Subject Category: Hearing.

Descriptors: Birth Defects. Infant Hearing. Inner-Ear Malformation. Hearing Research. Children.

585. ***AAC and Aphasia: New Resource for Clinicians Treating Adults With Acquired Aphasia.***

Author(s): Steele.R.D.

Source: *ADVANCE for Speech-Language Pathologists and Audiologists*. March 2005. 15(13):14-15.

Availability: Available from Merion Publications, Inc. 2900 Horizon Drive, Box 61556, King of Prussia, PA 19406-0956. 610-278-1400. E-mail: advance@merion.com. Website: www.advancweb.com.

Language: English.

Abstract: Concise Reference Sheets on 'AAC and Aphasia' designed for use by clinical speech-language pathologists who serve adults with acquired aphasia, are accessible for downloading online, at no cost. According to this fact sheet, these reference sheets can help in covering essential aphasia treatment steps systematically: from reviewing clinical features of a syndrome to identifying a client's communicator type, carrying out the steps involved in matching a client with an appropriate speech-generating device, and introducing and training on the device.

Subject Category: Speech. Language. Hearing.

Descriptors: Speech Disorder. Acquired Aphasia. Speech-Language Pathology. Audiology.

586. ***Evaluation of Botulinum Toxin A in Treatment of Tinnitus.***

Author(s): Stidham, K. R., Solomon, P. H., Roberson, J. B.

Source: *Otolaryngology-Head and Neck Surgery*. 132(6): 883-889. June 2005.

Availability: Available from Elsevier Science. (800) 654-2452. Fax: (212) 633-3820. E-mail: reprints@elsevier.com. Website: www.us.elsevierhealth.com.

Language: English.

Abstract: This text documents an oral presentation at the Annual Meeting

of the American Academy of Otolaryngology-Head and Neck Surgery, September 19, 2004. The authors reported on a study they conducted to evaluate the potential benefit of botulinum toxin A in treatment of tinnitus with a prospective, double-blinded study design. The study subjects were 30 patients with tinnitus who were placed randomly into one of two treatment arms. Patients received either botulinum toxin A (20 to 50 units) or saline injection at the first treatment, and the opposite treatment 4 months later. Prospective data, including a tinnitus matching test, tinnitus handicap inventory (THI), tinnitus rating scale (TRS), and patient questionnaires, were obtained over a 4-month period after each injection. The authors concluded that this small study showed improvement in THI scores and patient subjective results after botulinum toxin A injection compared with placebo, a finding that suggests a possible benefit of botulinum toxin A in tinnitus management. The team suggested that larger studies are needed to further evaluate potential benefits of botulinum toxin A in treatment of this difficult problem.

Subject Category: Hearing.

Descriptors: Hearing Disorder. Tinnitus Management. Hearing Research. Hearing Dysfunction.

587. ***Cochlear Implantation in Patients With Osteogenesis Imperfecta.***

Author(s): Streubel, S. O., Lustig, L. R.

Source: *Otolaryngology-Head and Neck Surgery*. 132(5): 735-740. May 2005.

Availability: Available from Elsevier Science. (800) 654-2452. Fax: (212) 633-3820. E-mail: reprints@elsevier.com. Website: www.us.elsevierhealth.com.

Language: English.

Abstract: This article reviews a study in which researchers sought to evaluate the feasibility and functional outcome of cochlear implantation in two patients with OI tarda type I with profound sensorineural hearing loss (SHL). Based on patient data and findings, the authors concluded that cochlear implantation in patients with OI is not only technically possible but results are similar to implant outcomes for patients with SHL from a variety of other causes.

Subject Category: Hearing.

Descriptors: Hearing Loss Rehabilitation. Hearing Research. Cochlear Implants. Osteogenesis Imperfecta. Genetic Disorder.

588. ***Sudden Sensorineural Hearing Loss Associated With Inner Ear Anomaly.***

Author(s): Sugiura, M.

Source: *Otology & Neurotology*. 26(2):241-246, March 2005.

Availability: Available from Lippincott Williams and Wilkins. Customer Service, P.O. 1175, Lowell, MA 01853. (978) 262-9611. Fax: (978) 262-9617.

Language: English.

Abstract: The authors of this article present a review of a study they conducted at a tertiary referral center to evaluate the frequency of inner ear anomaly in patients with sudden sensorineural hearing loss and in a set of controls. The subjects were 366 patients (165 men and 201 women; age range, 3-91 years) with sudden sensorineural hearing loss and 228 controls without sensorineural hearing loss using magnetic resonance imaging. Three hundred fifty-six patients had unilateral and 10 patients had bilateral sudden sensorineural hearing loss. Based on the results of this study, the authors conclude in their report that inner ear anomaly may be associated with sudden sensorineural hearing loss in 2.5 percent of patients.

Subject Category: Hearing.

Descriptors: Inner Ear Anomaly. Inner Ear Malformation. Magnetic Resonance Imaging. MRI. Sudden Sensorineural Hearing Loss. Deafness.

589. ***Paget Disease and Sensorineural Hearing Loss Associated With Spiral Ligament Degeneration.***

Author(s): Teufert, K. B., Linthicum, J.

Source: *Otology & Neurotology*. 26(3):387-391. May 2005.

Availability: Available from Lippincott Williams and Wilkins. Customer Service, P.O. Box 1175, Lowell, MA 01853. (978) 262-9611. Fax: (978) 262-9617. Website: www.otology-neurotology.com.

Language: English.

Abstract: This article reports on a study based on these specific known

facts, as stated: about 70 percent of cases of Paget disease involve the skull, with hearing affected in approximately 50 percent of these; the hearing impairment of these patients may be sensorineural, mixed, or, rarely, only conductive; the etiology and pathogenesis of the hearing loss are not yet understood; and reports in the literature are inconsistent regarding the pathologic changes responsible for sensorineural hearing loss (SHL). The researchers studied six pairs of temporal bones from patients with Paget disease in the temporal bone collection of a research institution, two pairs of which had abnormalities not previously associated with SHL or Paget disease. The authors report the histopathologic findings in these temporal bones and conclude that cystic degeneration of the spiral ligament has not been previously reported and may be unique to Paget disease. They state also that this result is consistent with recent literature showing a previously unsuspected role of the spiral ligament in SHL.

Subject Category: Hearing.

Descriptors: Paget Disease. Etiology of Hearing Loss. Sensorineural Hearing Loss. Hearing Abnormalities. Hearing Research.

590. ***Hearing Review: The Worldwide Registry. A Desktop Reference for Hearing Care Professionals.***

Author(s): The Hearing Review.

Source: Los Angeles, CA. The Hearing Review 12 (8). Summer 2005. 186 pp.

Availability: Available from The Hearing Review, Allied Healthcare Group, 6701 Center Dr. West, Ste. 450, Los Angeles, CA 90045. (310) 642-4400 ext. 269; Fax: (310) 641-0831; E-mail: bvanhouten@medpubs.com; Web site: www.hearingreview.com. PRICE: Available free online.

Language: English.

Abstract: Provides hearing care professionals with a comprehensive listing of individuals, businesses, products, and technologies in this field. The Worldwide Registry is produced annually.

Subject Category: Hearing.

Descriptors: Information Resources. Directories. Hearing Loss. Health Professionals. Healthcare. Health Care. Health Care Providers. Hearing Evaluation. Hearing Protection Devices. Hearing Instrument Specialists. Assistive Listening Devices. Health Care Services. Health Care Facilities. Clinical Services. Hearing Health Care. Hearing Care Professionals.

591. ***The Use of Hearing Protectors Among Forest Shipyard and Paper Mill Workers in Finland-A Longitudinal Study.***

Author(s): Toppila, E., Pyykko, I., Starck, J.

Source: Noise & Health. 7(26):3-9. January-March 2005.

Availability: Address correspondence to Esko Toppila, Finnish Institute of Occupational Health, Topeliuksenkatu 41, Helsinki, Finland. E-mail: esko.toppila@ttl.fi.

Language: English.

Abstract: From 1953 to 1995, the usage rate of hearing protective devices (HPD) was tracked at a paper mill, at a shipyard, and in selected areas of forestry work in Finland. Key results reported showed that in the paper mill, the usage rate increased steadily from 1965; in 1990, 39 percent of workers used HPDs full-time. At the shipyard, the usage rate remained low up to the mid-1980s, but then the proportion of full-time users rose to 70 percent. A similar trend was noted in forest workers, with the full-time use at 97 percent by the 1990s. The authors find that due to these increased usage rates in all measured industries the mean effective noise level at the ear has decreased to below 85 dB. This paper presents an overview of the study and all its findings.

Subject Category: Hearing.

Descriptors: Noise. Workplace Health. Inside Noise. Noise Pollution. Noise Protection. Noise Usage Rate. Noise Levels. Noise Exposure Research. Occupational Health Survey.

592. ***Combined Acoustic and Electric Hearing for Severe High-Frequency Hearing Loss.***

Author(s): Turner, C., Gantz, B.

Source: Audiology Today. 17(3):14. May/June 2005.

Availability: Available from the American Academy of Audiology. Publications, 11730 Plaza America Drive, Suite 300, Reston, VA 20190. (800) AAA-2336; (703) 790-8466. Fax: (703) 790-8631. Website: <http://www.audiology.org/>.

Language: English.

Abstract: This article discusses the benefits of the short electrode or hybrid cochlear implant. The authors are presenting this device as a solution to problems associated with severe high-frequency hearing loss. As explained in the article, the short electrode or hybrid implant was designed to stimulate only the basal end of the cochlea and to preserve the residual low-frequency acoustic hearing, allowing patients to hear sounds through combined acoustic plus electric stimulation. The authors see the benefit of the new device as an improvement to the lives of large numbers of individuals who, previously, had to choose either between wearing a hearing aid that was of little benefit or sacrificing the natural sounds of acoustic hearing to receive a traditional long-electrode cochlear implant.

Subject Category: Hearing.

Descriptors: Hearing Assistive Device. Hearing Aid. Hearing Technology. Cochlear Implant. Hearing Rehabilitation. Audiology.

593. ***Evaluation of Prediving Parameters Related to Eustachian Tube Dysfunction for Symptomatic Middle Ear Barotrauma in Divers.***

Author(s): Uzun, C.

Source: Otology & Neurotology. 26(1):59-64. January 2005.

Availability: Available from Lippincott Williams and Wilkins. Customer Service, P.O. Box 1175, Lowell, MA 01853. (978) 262-9611. Fax: (978) 262-9617. Website: www.otology-neurotology.com.

Language: English.

Abstract: This article presents details of an investigation conducted to evaluate the predictive value of several parameters related to tubal dysfunction, in relation to symptomatic middle ear barotrauma in divers. The study subjects were 31 sport scuba divers with normal prediving audiometry, tympanometry, and general and otorhinolaryngologic examination. After an occurrence of middle ear barotrauma, the individual diver prediving data on smoking, mild septal deviation, otitis media history, rhinosinusitis history, Valsalva, Toynbee, and nine-step inflation/deflation tympanometric test, as well as degree of mastoid pneumatization, were registered for calculation of predictive value in relation to the barotrauma. The investigator examined all symptomatic ears, within 24 hours of diving, by who was blinded to the prediving findings. Barotraumas that occurred during an upper respiratory tract infection were excluded. Based on the data results, the researcher concluded that Eustachian tube dysfunction measured by the nine-step test and a small size of the mastoid cell system seem to be risk factors for symptomatic middle ear barotrauma in otherwise healthy sport scuba divers. Evaluation of these factors in the prediving examination of diving candidates may be useful in the determination of fitness to dive. This investigation took place at the Department of Otolaryngology, Trakya University Faculty of Medicine, Edirne, Turkey.

Subject Category: Hearing.

Descriptors: Middle Ear Trauma. Ear Problems. Eustachian Tube Dysfunction. Hearing Research. Diving Risks. Divers.

594. ***Identifying Cochlear Dead Spots: A Primer on Cochlear Function As It Relates to Cochlear Dead Spots.***

Author(s): Venema, T. H.

Source: The Hearing Review. October 2005. 12(3):58.

Availability: Available from the Hearing Review. Web site: www.hearingreview.com/.

Language: English.

Abstract: In this article the author examines ways cochlear dead regions can be identified, the kinds of hearing losses often associated with cochlear dead regions, and gives reasons for these occurrences. This article was originally published in the July/August 2003 (Vol. 52, No 4) and March/April 2004 (Vol. 53, No 2) editions of The Hearing Professional, the official journal of The International Hearing Society (IHS).

Subject Category: Hearing.

Descriptors: Hearing Rehabilitation. Deafness. Hearing Assistive Devices. Hearing Technology. Hearing Research.

595. ***Quality-of-Life Benefit From Cochlear Implantation in the Elderly.***

Author(s): Vermeire, K.

Source: Otology & Neurotology. 26(2):188-195. March 2005.

Availability: Available from Lippincott Williams and Wilkins. Customer Service, P.O. 1175, Lowell, MA 01853. (978) 262-9611. Fax: (978) 262-

9617.
Language: English.
Abstract: In this article the authors review a study they conducted to compare the audiologic results of geriatric patients receiving cochlear implants with younger age groups and evaluate the quality of life after cochlear implantation in the geriatric population by means of validated quality-of-life questionnaires. The study participants were 89 postlingually deafened patients, 25 of whom were aged 70 years and older. According to the authors the results of the study prove that cochlear implantation in the elderly provides improvements in quality of life and speech understanding, similar to those for younger adult cochlear implant recipients.
Subject Category: Hearing.
Descriptors: Cochlear Implantation. Elderly. Hearing Assistive Device. Deafness. Speech Understanding. Hearing Research.
596. **Observations on Cognitive and Psychological Aspects of Vestibular Disorders.**
Author(s): Vestibular Disorders Association.
Source: Vestibular Disorders Association. 2005.
Availability: Available from the Vestibular Disorders Association. P.O. Box 13305, Portland, OR 97213. (800) 837-8428. E-mail: veda@vestibular.org. Website: <http://www.vestibular.org>. PRICE: \$3 member, \$4 non-member per single copy.
Language: English.
Abstract: This document contains comments compiled from a 2002 videotaped discussion with experts with experience in the cognitive and psychological aspects of vestibular disorders. The interview was hosted by the Vestibular Disorders Association (VEDA) and included a panel of three health care professionals with experience in the fields of social work, otolaryngology, and neuropsychology.
Subject Category: Hearing. Balance.
Descriptors: Effects of Vestibular System Disorders. Dizziness. Vertigo. Cognitive Functioning. Anxiety. Mood Disorders. Psychological Function.
597. **Real-World Performance of Directional Microphone Hearing Aids.**
Author(s): Walden, B. E., Surr, R. K., Cord, M. T.
Source: Seminars in Hearing. 26(2):70-77. May 2005.
Availability: Reprints available from Brian E. Walden, Army Audiology and Speech Center, Walter Reed Army Medical Center, 6900 Georgia Avenue, NW, Washington, DC 20307-5001. E-mail: brain.walden@na.amedd.army.mil.
Language: English.
Abstract: This article summarizes several recent studies of directional microphone hearing aid performance in everyday living conducted at Walter Reed Army Medical Center. The directional benefit typically observed in controlled clinical testing often is not realized in ordinary listening situations. This is due, partly, to various acoustic factors frequently encountered in everyday listening environments that disrupt the effectiveness of directional processing. As a result, patients will not detect a significant performance difference between omnidirectional and directional processing in many everyday listening situations. As a further result, some patients who are fit with switchable omnidirectional and directional hearing aids eventually will opt not to use the directional mode. Nevertheless, directional microphones can provide a significant benefit to patients under certain environmental conditions, and most patients learn to identify ordinary listening situations where directional processing is preferred distinctly to omnidirectional processing. This is most likely to occur when background noise is present and the signal of interest is in front of and relatively near the listener. 3 figures. 1 table. 8 references. (AA-M).
Subject Category: Hearing.
Descriptors: Hearing Aids. Signal Processing. Acoustics. Activities of Daily Living.
598. **Innovative Methods in Language Intervention: Treatment Outcome Measures. Can the Data Support the Claims?**
Author(s): Wankoff, L. S.
Source: Austin, TX: PRO-ED, Inc. 2005. 356 pp. ISBN: 1-4164-0117-2 (softcover).
Availability: Available from PRO-ED, Inc. 8700 Shoal Creek Boulevard, Austin, TX 78757-6897. (800) 897-3202. Fax: (800) 397-7633. Website: www.proedinc.com. PRICE: \$35. Order number 12073.
Language: English.
Abstract: This sourcebook reviews the most clinically useful options for helping children who have language impairments. Chapters describe a comprehensive, integrated approach to language that builds on the understanding of the role of affective interactions in facilitating functional and meaningful language development; an intensive behavioral approach based on the principles of applied behavior analysis; the TEACCH method; the Picture Exchange Communication System; and the Fast ForWord Language software product. Other chapters discuss auditory processing and auditory integration training, the Lindamood Phoneme Sequencing Program, the Seeing Stars Program, imagery and language comprehension, and sensory integration. The chapters, as they target specific innovative intervention techniques, provide readers with information about eligible candidates for intervention, a critical review of the treatment method being considered, and case histories. Remaining chapters present a clinical overview and offer conclusions. A glossary is included. 18 figures. 11 tables. Numerous references.
Subject Category: Hearing. Language. Speech.
Descriptors: Children. Language Disorders. Language Intervention. Language Development. Autism. Therapy.
599. **Understanding Balance Problems in Children With CHARGE Syndrome.**
Author(s): Williams, G. L., Hartshorne, T. S.
Source: Deaf-Blind Perspectives. 12(2):5-7. Winter 2005.
Availability: Available from Deaf-Blind Perspectives. Teaching Research Division, Western Oregon State College, 345 North Monmouth Avenue, Monmouth, OR 97361. (503) 838-8885. TDD: (503) 838-8821. Fax: (503) 838-8150.
Language: English.
Abstract: This article covers vestibular function problems in children with CHARGE disorder. The authors define the role of the vestibular system as located within the inner ear and being mainly responsible for equilibrium. In children with CHARGE, the vestibular organs are often damaged or missing, causing balance problems. The article covers symptoms and early warning signs, anatomy and function of the vestibular system, screening for and assessing vestibular dysfunction, and therapy to enhance vestibular function.
Subject Category: Balance. Hearing.
Descriptors: Birth Defects. Genetic Disorders. Vestibular System. CHARGE Syndrome Management. Inner-Ear Disorder. Vestibular Function. Vestibular Therapy. Balance Disorder.
600. **Road To Getting a Cochlear Implant: Cochlear Implant Candidacy Process.**
Author(s): Yeagle, J.
Source: Hearing Loss. 26(6):24-28. November/December 2005.
Availability: Available from Self Help for Hard of Hearing People. 7910 Woodmont Avenue, Suite 1200, Bethesda, MD 20814. (301) 657-2248. TTY (301) 657-2249. Website: www.shhh.org.
Language: English.
Abstract: This article presents an overview of the cochlear implant candidacy process. The author explains what a cochlear implant is, how a cochlear implant makes a person hear, who is a likely candidate for a cochlear implant, how to begin the process of getting a cochlear implant, and how to prepare for the appointments that determine implant candidacy. These appointments may include an initial audiological consultation, aided and unaided audiological and speech perception testing, computed tomography imaging, a medical evaluation, and device selection. The article also includes information on the psychological assessment and what patients can expect from a cochlear implant. 3 figures.
Subject Category: Hearing. Speech.
Descriptors: Sensorineural Hearing Loss. Cochlear Implants. Patient Selection. Hearing Evaluation. Speech Perception. CT Scan. Physical Examination.
601. **Hearing Aid Use in Conjunction With a Cochlear Implant.**
Author(s): Zwolan, T. A.
Source: Hearing Loss. Bethesda, MD. 26(1):26-28. Jan/Feb 2005.
Availability: Available from Self Help for Hard of Hearing People. 7910 Woodmont Avenue, Suite 1200, Bethesda, MD 20814. Voice: (301) 657-

2248. TTY (301) 657-2249. Web site: www.shhh.org.

Language: English.

Abstract: This article deals with the factors involved in using a hearing aid together with a cochlear implant and the dynamics that would influence a patient's decision to choose contralateral hearing use with cochlear implants. The author's advice to individuals considering this hearing assistive method is to get an evaluation by an experienced audiologist who can select and fit an appropriate hearing aid in the ear. This will ensure the benefit of having a contralateral hearing aid with a cochlear implant.

Subject Category: Hearing.

Descriptors: Hearing Loss. Hearing Assistive Devices. Hearing Aid. Cochlear Implantation. Deaf Communication.