

Unified Medical Language System

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APPENDIX A

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APPENDIX A.1

Appendix to the License Agreement for Use of the UMLS® Knowledge Sources

UMLS METATHESAURUS® SOURCE VOCABULARIES -- July 2003AB Edition

Sources are listed in order according to the abbreviations used in the UMLS Metathesaurus files. If additional restrictions and notices apply, the category of restrictions and the special notices appear under the name of the source. See the license agreement for an explanation of the categories of restrictions. Many sources publish printed editions and/or other explanatory information that may be essential to understanding the purpose and application of particular sources in data creation and retrieval. Contact information is provided for each source. Please address questions about permissions or license agreements for additional uses not covered by this Agreement, or other inquiries about individual sources, to the appropriate contacts.

NLM is working toward inclusion in the UMLS Metathesaurus of the complete, current edition of most of these vocabulary sources.

AIR93 AI/RHEUM. Bethesda, (MD): National Library of Medicine, Lister Hill Center, 1993.

Contact: May Cheh, Lister Hill Center, NLM; e-mail: cheh@nlm.nih.gov

ALT2003 Alternative Billing Concepts (AltLink). Albuquerque (NM): Alternative Link LLC, 2003.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Alternative Link LLC; 6121 Indian School Road NE, Suite 131; Albuquerque, NM 87110; phone: 877-621-5465; <http://www.alternativelink.com/>; e-mail: mail@alternativelink.com

AOD2000 Alcohol and Other Drug Thesaurus: A Guide to Concepts and Terminology in Substance Abuse and Addiction. 3rd ed. [4 volumes]. Bethesda (MD): National Institute on Alcohol Abuse and Alcoholism (NIAAA) and Center for Substance Abuse Prevention (CSAP), 2000.

Contact: Nancy Winstanley; NIAAA Library; 2107 Wilson Blvd, Suite 1000; Arlington, VA 22201; phone: 703-741-7147; e-mail: nwinstanley@csrincorporated.com

BI98 Beth Israel OMR Clinical Problem List Vocabulary. Version 1.0. Boston (MA): Beth Israel Deaconess Medical Center, 1999.

CATEGORY 2 RESTRICTIONS APPLY

Contact: Daniel Sands, M.D.; Center for Clinical Computing, Beth Israel Deaconess Medical Center, Harvard University; 330 Brookline Avenue; Boston, MA 02215; phone: 617-667-1510; e-mail: dsands@bidmc.harvard.edu

BRMP2003 Descritores em Ciencias da Saude [Portuguese translation of MeSH]. Sao Paulo (Brazil): Latin American and Caribbean Center on Health Sciences Information. BIREME/PAHO/WHO, 2003.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Elenice de Castro; e-mail: elenice@brm.bireme.br

BRMS2003 Descriptores en Ciencias de la Salud [Spanish translation of MeSH]. Sao Paulo (Brazil): Latin American and Caribbean Center on Health Sciences Information. BIREME/PAHO/WHO, 2003.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Elenice de Castro; e-mail: elenice@brm.bireme.br

CCPSS99 Canonical Clinical Problem Statement System (CCPSS). Version 1.0. Nashville (TN): Department of Biomedical Informatics, Vanderbilt University, 1999.

CATEGORY 3 RESTRICTIONS APPLY

Permission will be freely given for any uses and applications containing CCPSS which are not for sale - i.e. those used internally or given to others without charge.

Contact: Steven Brown, MD., Department of Biomedical Informatics, Vanderbilt University Medical Center; 2209 Garland Ave; Nashville, TN 37232-8340; phone: (615)321-6335; e-mail: sbrown@vumc.lib.mc.vanderbilt.edu

CCS99 Clinical Classifications Software (CCS) Categories. June 1999 release. Rockville (MD): Agency for Health Care Policy and Research (AHCPR), 1999.

Contact: phone: Anne Elixhauser; Agency for Healthcare Research and Quality; 540 Gaither Road; Rockville, MD 20850; phone: 1-800-358-9295; <http://www.ahrq.gov/data/hcup/ccsfact.htm>

CDT4 Current Dental Terminology (CDT) contained in the HCFA Common Procedure Coding System (HCPCS). Version 4. Washington (DC): Health Care Financing Administration, 2002.

CATEGORY 3 RESTRICTIONS APPLY

For CDT the following special notice must be displayed:
"For CDT only, copyright 2002 American Dental Association, all rights reserved."

Contact for CDT: Mary Essling, American Dental Association; 211 E. Chicago Avenue; Chicago, IL 60611; phone: (312)440-2520

COSTAR_89-95 Computer Stored Ambulatory Records (COSTAR). Boston (MA): Massachusetts General Hospital, 1995, 1993, 1992, 1989.

The UMLS Metathesaurus includes terms that were used frequently at 3 COSTAR sites in the years indicated and supplied to NLM by Massachusetts General Hospital.

Contact: G. Octo Barnett, M.D., Laboratory of Computer Science, Massachusetts General Hospital; 50 Staniford Street, 5th floor; Boston, MA 02114; phone: 617-726-3939; e-mail: Barnett.Octo@mgh.harvard.edu

CPM93 Columbia Presbyterian Medical Center Medical Entities Dictionary (MED). New York (NY): Columbia Presbyterian Medical Center, 1993.

The UMLS Metathesaurus includes a relatively small number of terms created at Columbia Presbyterian Medical Center for the MED, which also includes terms obtained from the UMLS Metathesaurus and other sources.

CATEGORY 2 RESTRICTIONS APPLY.

Contact: James Cimino, M.D.; Department of Medical Informatics, Vanderbilt Clinic, Columbia University; 622 W. 168th Street; New York, NY 10032; phone: 212-305-8127; e-mail: jjc7@columbia.edu; <http://www.cpmc.columbia.edu/homepages/gum7001/topics/index.html>

CPT01SP Physicians' Current Procedural Terminology (CPT), Spanish translation. 4th ed. Chicago (IL): American Medical Association, 2001.

CATEGORY 3 RESTRICTIONS APPLY.

Contact: Dorith Brown, CPT Intellectual Property Services, American Medical Association, 515 N. State Street, Chicago, IL 60610; fax: (312) 464-5762; <http://www.ama-assn.org/>

CPT2003 Physicians' Current Procedural Terminology (CPT™). 4th ed. Chicago (IL): American Medical Association, 2003.

CATEGORY 3 RESTRICTIONS APPLY.

The following special notice must be displayed:

"CPT™ only Copyright 2003 American Medical Association. All rights Reserved. No fee schedules, basic unit, relative values or related listings are included in CPT™. AMA does not directly or indirectly practice medicine or dispense medical services. AMA assumes no liability for data contained herein.

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Contact: Dorith Brown, CPT Intellectual Property Services, American Medical Association, 515 N. State Street, Chicago, IL 60610; fax: (312) 464-5762; <http://www.ama-assn.org/>

CSP2003 Computer Retrieval of Information on Scientific Projects (CRISP). Bethesda (MD): National Institutes of Health, Division of Research Grants, Research Documentation Section, 2003.

Contact: Dorette Finch; Division of Research Documentation, ORA, OER, National Institutes of Health; 6701 Rockledge Drive; Bethesda, MD 20892-7983

CST95 Coding Symbols for Thesaurus of Adverse Reaction Terms (COSTART) . Rockville (MD): Food and Drug Administration, Center for Drug Evaluation and Research, 1995.

COSTART has been superseded by the Medical Dictionary for Regulatory Activities (MedDRA) Terminology.

DDB00 Diseases Database 2000. London (England): Medical Object Oriented Software Enterprises Ltd., 2000.

CATEGORY 3 RESTRICTIONS APPLY.

Contact: Malcolm Duncan; Medical Object Oriented Software Enterprises Ltd; Unit 36c Marryat Square; Fulham, London SW6 6UA; United Kingdom; phone: +44 020 7381 4220; <http://www.diseasesdatabase.com/>

DMD2003 German translation of the MeSH. Cologne (Germany): Deutsches Institut fuer Medizinische Dokumentation und Information, 2003.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Dr. Elisabeth Berg-Schorn; phone: 49-221-472-4252; e-mail: helpdesk@dimdi.de; <http://www.dimdi.de/>

DMDICD10_1995 Internationale Klassifikation der Krankheiten 10 [German translation of ICD10]. Cologne (Germany): Deutsches Institut fuer Medizinische Dokumentation und Information, 2000.

CATEGORY 1 RESTRICTIONS APPLY

Contact: Dr. Michael Schopen; phone: 49-221-472-4252; e-mail: schopen@dimdi.de; <http://www.dimdi.de/>

DMDUMD_1996 Die Nomenklatur fuer Medizinprodukte UMDNS [German translation of UMDNS]. Cologne (Germany): Deutsches Insitut fuer Medizinische Dokumentation und Information, 2000.

CATEGORY 1 RESTRICTIONS APPLY

Contact: Dr. Michael Schopen; phone: 49-221-472-4252; e-mail: schopen@dimdi.de; <http://www.dimdi.de/>

DSM3R_1987 Diagnostic and Statistical Manual of Mental Disorders (DSM-III-R). 3rd ed. rev. Washington (DC): American Psychiatric Association, 1987.

CATEGORY 3 RESTRICTIONS APPLY

Contact: see entry for DSM4

DSM4_1994 Diagnostic and Statistical Manual of Mental Disorders (DSM-IV). Washington (DC): American Psychiatric Association, 1994.

CATEGORY 3 RESTRICTIONS APPLY

The APA usually charges small administrative fees for copyright permissions, but these may be waived for research purposes. All users should apply for permission in writing or by email to:

Contact: Customer Service, American Psychiatric Press, Inc. 1400 K Street, N.W. Washington, DC 20005; e-mail: csdept@appi.org; <http://www.appi.org/>

DUT2003 Nederlandse vertaling van Mesh (Dutch translation of MeSH). Amsterdam, The Netherlands: Nederlands Tijdschrift voor Geneeskunde (Dutch Journal of Medicine), 2003.

CATEGORY 3 RESTRICTIONS APPLY

Contact: A.J.P.M.Overbeke, Nederlands Tijdschrift voor Geneeskunde (Dutch Journal of Medicine), P.O.Box 75971, 1070 AZ Amsterdam, The Netherlands; e-mail: overveke@ntvg.nl; <http://www.ntvg.nl/>

DXP94 DXplain (An expert diagnosis program). Boston (MA): Massachusetts General Hospital.

Contact: G.Octo Barnett, M.D., Laboratory of Computer Science, Massachusetts General Hospital; 50 Staniford Street, 5th floor; Boston, MA 02114; phone: 617-726-3939; e-mail: Barnett.Octo@mgh.harvard.edu

FIN2003 Finnish translation of MeSH. Helsinki (Finland): Finnish Medical Society Duodecim, 2003.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Peter Nyberg, MD; phone: 09-393-091; e-mail: peter.nyberg@sl.fimnet.fi

GO2002_12_16 Gene Ontology (GO): tool for the unification of biology. The Gene Ontology Consortium, 2000.

Contact: <http://www.geneontology.org/>

HCDT4 HCPCS Version of Current Dental Terminology (CDT). Version 4. Washington (DC): Health Care Financing Administration, 2002.

CATEGORY 3 RESTRICTIONS APPLY

HCPCS03 Health Care Financing Administration (HCFA) Common Procedure Coding System (HCPCS). Washington (DC): Health Care Financing Administration, 2003.

The American Medical Association's CPTTM codes in HCPCS have a Source Abbreviation of HCPT03. The American Dental Association's CDT codes in HCPCS have a Source Abbreviation of HCDT4.

Contact for HCPCS: C. Kaye Riley, Health Care Financing Administration; e-mail: criley@hcfa.gov

HCPT03 HCPCS Version of Current Procedural Terminology (CPT). Washington (DC): Health Care Financing Administration, 2003.

CATEGORY 3 RESTRICTIONS APPLY

HHC2003 Saba, Virginia. Home Health Care Classification of Nursing Diagnoses and Interventions. Washington (DC): Georgetown University, 2003.

CATEGORY 1 RESTRICTIONS APPLY

Contact: Virginia Saba, Ph.D., R.N.,; Georgetown University; 2332 South Queen Street; Arlington, VA 22202; phone: 703-521-6132; e-mail: vsaba@worldnet.att.net; <http://www.sabacare.com/>

HL7_1998-2002 Health Level Seven Vocabulary (HL7). Ann Arbor (MI): Health Level Seven, 1998.

Contact: Health Level Seven, 3300 Washtenaw Avenue, Suite 227, Ann Arbor MI 48104-4250; phone: 734-677-7777; e-mail: HQ@HL7.ORG; <http://www.hl7.org/>

ICD10_1998, ICD10AE_1998 International Statistical Classification of Diseases and Related Health Problems (ICD-10). Tenth Revision. Geneva (Switzerland): World Health Organization, 1998.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Office of Publications, World Health Organization, 1211 Geneva 27, Switzerland; <http://www.who.int/whosis/icd10>

ICD10AM_2000 International Statistical Classification of Diseases and Related Health Problems. Tenth Revision, Australian Modification; 2nd Edition: January 2000.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Developed and Maintained by the National Centre for Classification in Health, University of Sydney, Faculty of Health Sciences; PO Box 170 Lidcombe, NSW, Australia 1825; Phone: 2 9351 9461

ICD9CM_2003 International Classification of Diseases: 9th revision, Clinical Modification (ICD-9-CM). 6th ed. Washington (DC): Centers for Medicare and Medicaid Services; July 2002.

NLM has generated fully specified titles for ICD-9-CM codes in cases in which the official ICD- 9-CM titles consist of extensions to higher levels in the ICD-9-CM hierarchy. The fully specified names were produced with reasonable care, but have not yet been reviewed and approved by the producers of ICD-9-CM.

Contact: Patricia E. Brooks, pbrooks@cms.hhs.gov; <http://www.cms.hhs.gov/medicare/icd9cm.asp>

ICPC2E_1998, ICPC2AE_1998 International Classification of Primary Care: 2nd ed. electronic form. Classification Committee of the World Organization of National Colleges, Academies, and Academic Associations of General Practitioners/Family Physicians (WONCA), known more briefly as the World Organization of Family Doctors; 1998.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Henk Lamberts (H.Lamberts@AMC.UVA.NL) and Inge Okkes (I.m.okkes@amc.una.nl)

See reference: Okkes, IM; Jamouille, M; Lamberts, H; Bentzen, N. ICPC-2-E: the electronic version of ICPC-2. Differences from the printed version and the consequences. *Family Practice*; 2000; 17:101-107.

ICPC2P_2000, ICPCPAE_2000 International Classification of Primary Care: Version 2-Plus: Australian Modification; January, 2000.

CATEGORY 3 RESTRICTIONS APPLY

ICPC93 Lamberts, Henk, Wood, Maurice, and Hofmans-Okkes, Inge, editors. International Classification of Primary Care (ICPC) in The European Community (with a multi language layer on a floppy disk). Oxford: Oxford University Press, 1993.

This year, the Metathesaurus has also included translations of ICPC93 in Basque (ICPCBAQ_1993), Danish (ICPCDAN_1993), Dutch (ICPCDUT_1993), Finnish (ICPCFIN_1993), French (ICPCFRE_1993), German (ICPCGER_1993), Hebrew (ICPCHEB_1993), Hungarian (ICPCHUN_1993), Italian (ICPCITA_1993), Norwegian (ICPCNOR_1993), Portuguese (ICPCPOR_1993), Spanish (ICPCSPA_1993), and Swedish (ICPCSWE_1993).

Contact: Henk Lamberts; e-mail: H.Lamberts@AMC.UVA.NL or Inge Okkes; e-mail: I.m.okkes@AMC.UVA.NL; University of Amsterdam

INS2003 Thesaurus Biomedical Francais/Anglais [French translation of MeSH]. Paris (France): Institut National de la Sante et Recherche Medicale, 2003.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Dr. Annie Advocat; phone: 33-1-44-23-60-70; e-mail: advocat@inserm-dicdoc.u-strasbg.fr; <http://www.inserm.fr/>

ITA2003 Italian translation of MeSH. Rome (Italy): Istituto Superiore di Sanita Servizio Documentazione, 2003.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Dr. Adriana Dracos, Viale Regina Elena, 229 00161 Rome Italy; phone: 39-06-49902693; e-mail: dracos@iss.it; <http://www.iss.it>

JABL99 Online Congenital Multiple Anomaly/Mental Retardation Syndromes. Stanley Jablonski. Bethesda (MD): National Library of Medicine, 1999.

CATEGORY 1 RESTRICTIONS APPLY

Contact: Stanley Jablonski, National Library of Medicine, Bethesda MD; e-mail: stanley_jablonski@nlm.nih.gov; http://www.nlm.nih.gov/mesh/jablonski/syndrome_title.html

LCH90 Library of Congress Subject Headings. 12th ed. Washington (DC): Library of Congress, 1989.

There are later editions of this source that are not reflected in the UMLS Metathesaurus. This source has considerable non-biomedical content and will never be included in the Metathesaurus in its entirety.

Contact: <http://www.locweb.loc.gov/>

LNC208 Logical Observations Identifiers, Names, and Codes (LOINC). Version 2.08. Indianapolis (IN): The Regenstrief

Institute, 2003.

Contact: <http://www.loinc.org/>

MCM92 Haynes, Brian. Glossary of Methodologic Terms for Clinical Epidemiologic Studies of Human Disorders. Hamilton, Ontario (Canada): McMaster University, 1992.

Contact: R. Brian Haynes, M.D., Ph.D.; Clinical Epidemiology & Biostatistics and Medicine, Faculty of Health Sciences, McMaster University; 1200 Main Street West, Rm 2C10B; Hamilton, Ontario, Canada L8N 3Z5; phone: 905-525-9140; e-mail: bhaynes@mcmaster.ca

MDDB99 Master Drug DataBase (MDDB). St. Louis (MO): Facts and Comparisons, 1999.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Karen Eckert; Medi-Span; 8425 Woodfield Crossing Blvd., Suite 490; Indianapolis, IN 46240; phone: 800-388-8884; e-mail: ms-support@drugfacts.com; http://www.medi-span.com/products/product_mdmb.asp

MDR60 Medical Dictionary for Regulatory Activities Terminology (MedDRA) Version 6.0, March, 2003. International Conference on Harmonization of Technical Requirements for Registration of Pharmaceuticals for Human Use (ICH).

CATEGORY 3 RESTRICTIONS APPLY

Contact: MedDRA MSSO; 12011 Sunset Hills Road; Reston, VA 20190-3285; phone: 877-258-8280; e-mail: MSSOhelp@ngc.com; <http://meddramssso.com/>

MDRAE60 Medical Dictionary for Regulatory Activities Terminology (MedDRA), American English Equivalents, Version 6.0, March, 2003. International Conference on Harmonization of Technical Requirements for Registration of Pharmaceuticals for Human Use (ICH).

CATEGORY 3 RESTRICTIONS APPLY

Contact: MedDRA MSSO; 12011 Sunset Hills Road; Reston, VA 20190-3285; phone: 877-258-8280; e-mail: MSSOhelp@ngc.com; <http://meddramssso.com/>

MDREA60 Medical Dictionary for Regulatory Activities Terminology (MedDRA), American English, with expanded abbreviations, Version 6.0, March, 2003. International Conference on Harmonization of Technical Requirements for Registration of Pharmaceuticals for Human Use (ICH).

CATEGORY 3 RESTRICTIONS APPLY

Contact: MedDRA MSSO; 12011 Sunset Hills Road; Reston, VA 20190-3285; phone: 877-258-8280; e-mail: MSSOhelp@ngc.com; <http://meddramssso.com/>

MDREX60 Medical Dictionary for Regulatory Activities Terminology (MedDRA), with expanded abbreviations, Version 6.0, March, 2003. International Conference on Harmonization of Technical Requirements for Registration of Pharmaceuticals for Human Use (ICH).

CATEGORY 3 RESTRICTIONS APPLY

Contact: MedDRA MSSO; 12011 Sunset Hills Road; Reston, VA 20190-3285; phone: 877-258-8280; e-mail: MSSOhelp@ngc.com; <http://meddramsso.com/>

MDRPOR60 Medical Dictionary for Regulatory Activities Terminology (MedDRA), Version 6.0, Portuguese Edition, March 2003. International Conference on Harmonization of Technical Requirements for Registration of Pharmaceuticals for Human Use (ICH).

CATEGORY 3 RESTRICTIONS APPLY

Contact: MedDRA MSSO; 12011 Sunset Hills Road; Reston, VA 20190-3285; phone: 877-258-8280; e-mail: MSSOhelp@ngc.com; <http://meddramsso.com/>

MDRSPA60 Medical Dictionary for Regulatory Activities Terminology (MedDRA), Version 6.0, Spanish Edition, March 2003. International Conference on Harmonization of Technical Requirements for Registration of Pharmaceuticals for Human Use (ICH).

CATEGORY 3 RESTRICTIONS APPLY

Contact: MedDRA MSSO; 12011 Sunset Hills Road; Reston, VA 20190-3285; phone: 877-258-8280; e-mail: MSSOhelp@ngc.com; <http://meddramsso.com/>

MIM93 Victor A. McKusick, ed. Online Mendelian Inheritance in Man (OMIM). Baltimore (MD): Johns Hopkins University, 1994.

To date the UMLS Metathesaurus contains a relatively small amount of data from this source.

CATEGORY 1 RESTRICTIONS APPLY

Contact: OMIM, McKusick-Nathans Institute of Genetic Medicine; Johns Hopkins Hospital, Blalock 1007; 600 N. Wolfe St.; Baltimore, MD 21287-4922; phone: 410-955-0313; e-mail: techlicense@jhmi.edu; <http://www.ncbi.nlm.nih.gov/Omim/>

MMSL_2003_03 Multum Drug Source Lexicon. Denver (CO): Multum Information Services, Inc., July 2003.

CATEGORY 1 RESTRICTIONS APPLY

Contact: Multum Drug Source Lexicon; 3200 Cherry Creek South Drive, Suite 300; Denver, CO 80209; phone: 1-800-9-MULTUM; <http://www.multum.com/Lexicon.htm>

MMX01 Micromedex DRUGDEX. Englewood (CO): Micromedex, 2001.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Micromedex, 6200 South Syracuse Way, Suite 300, Englewood CO 80111-4740; phone: (800) 525-9083; e-mail: info@mdx.com; <http://www.micromedex.com/>

MSH2003_2003_05_12 Medical Subject Headings (MeSH). Bethesda (MD): National Library of Medicine, May 12, 2003.

This source has been translated into many languages. To date, eight of the translations have been incorporated into the UMLS Metathesaurus.

Contact: Stuart Nelson, M.D., Head, MeSH Section; e-mail: nelson@nlm.nih.gov; <http://www.nlm.nih.gov/mesh>

MTH UMLS Metathesaurus. Bethesda (MD): National Library of Medicine.

Concept names with this source abbreviation were created by NLM to facilitate creation of the UMLS Metathesaurus. There are relatively few of them.

Contact: William T. Hole, M.D., Lister Hill Center, NLM; e-mail: wth@nlm.nih.gov

MTHCH03 UMLS Metathesaurus Hierarchical CPT terms. Bethesda (MD): National Library of Medicine.

Concept names with this source abbreviation were created by NLM to provide contextual information for CPT™.

CATEGORY 3 RESTRICTIONS APPLY

Contact: William T. Hole, M.D., Lister Hill Center, NLM; e-mail: wth@nlm.nih.gov

MTHFDA_2003_01 FDA National Drug Code Directory (MTHFDA). Rockville (MD): U.S. Food and Drug Administration, Center for Drug Evaluation and Research, 2003.

Contact: <http://www.fda.gov/cder/ndc/index.htm>

MTHHH03 Metathesaurus Hierarchical HCPCS Terms (These terms were created by the NLM to provide contextual information for HCPCS). Bethesda (MD): National Library of Medicine.

Concept names with this source abbreviation were created by NLM to provide contextual information for HCPCS.

Contact: William T. Hole, M.D., Lister Hill Center, NLM; e-mail: wth@nlm.nih.gov

MTHICD9_2003 NLM-generated Entry Terms for ICD-9-CM. Bethesda (MD): National Library of Medicine.

Contact: William T. Hole, M.D., Lister Hill Center, NLM; e-mail: wth@nlm.nih.gov

MTHMST2001 Metathesaurus Version of Minimal Standard Terminology Digestive Endoscopy: International Edition April 22, 1998.

Contact: Michele Tringali, tringali.michele@aoud.sanita.fvg.it

MTHMSTFRE_2001 Metathesaurus Version of Minimal Standard Terminology Digestive Endoscopy: French Edition April 22, 1998.

*NOTE: Now a CATEGORY 0

Contact: Michele Tringali, tringali.michele@aoud.sanita.fvg.it

MTHMSTITA_2001 Metathesaurus Version of Minimal Standard Terminology Digestive Endoscopy: Italian Edition April 22, 1998.

*NOTE: Now a CATEGORY 0

Contact: Michele Tringali, tringali.michele@aoud.sanita.fvg.it

NAN99 Carroll-Johnson, Rose Mary, editor. Classification of Nursing Diagnoses. Proceedings of the 10th conference, North American Diagnosis Association. Philadelphia (PA): Lippincott, 1999.

CATEGORY 3 RESTRICTIONS APPLY to commercial use.

Contact: NANDA, 1211 Locust St, Philadelphia, PA 19107; phone: (800)647-9002

NCBI2001 NCBI Taxonomy, Bethesda (MD): National Center for Biotechnology Information, 2001.

Contact: NCBI Taxonomy; National Center for Biotechnology Information, National Library of Medicine, Bldg. 38A; 8600 Rockville Pike; Bethesda, MD 20894; phone: 301-496-2475; e-mail: info@ncbi.nlm.nih.gov; <http://www.ncbi.nlm.nih.gov/Taxonomy/>

NCI2001a NCI Thesaurus. Version 3.0. Bethesda (MD): National Cancer Institute, National Institutes of Health, July 2001.

Contact: Sherri de Coronado; NCI Center for Bioinformatics; 6116 Executive Blvd, Room 2026; Rockville, MD 20892; e-mail: decorons@exchange.nih.gov; <http://cancer.gov/cancerinfo/terminologyresources>

NDDF01 National Drug Data File. San Bruno (CA): First DataBank Inc., June 2001.

CATEGORY 3 RESTRICTIONS APPLY.

Contact: http://www.firstdatabank.com/knowledge_bases/nddf_plus

NEU99 Bowden, Douglas M., Martin, Richard F., Dubach, Jov G. Neuronames Brain Hierarchy. Seattle (WA): University of Washington, Primate Information Center, 1999.

CATEGORY 3 RESTRICTIONS APPLY.

Contact: Douglas M. Bowden, M.D., Regional Primate Research Center, University of Washington, Box 357330, Seattle, WA 98195; e-mail: dmbowden@u.washington.edu; <http://rprcsgi.rprc.washington.edu/neuronames/index.html>

NIC99 McCloskey, Joanne C.; Bulechek, Gloria M., editors. Nursing interventions classification (NIC): Iowa intervention project. St. Louis (MO): Mosby Year Book, 1999.

CATEGORY 3 RESTRICTIONS APPLY.

Contact: <http://www.nursing.uiowa.edu/centers/cncce/cnccontact.htm>

NOC97 Johnson, Marion; Maas, Meridean, editors. Nursing Outcomes Classification (NOC): Iowa outcomes project. St. Louis (MO): Mosby Year Book, 1997.

CATEGORY 3 RESTRICTIONS APPLY.

Contact: <http://www.nursing.uiowa.edu/centers/cncce/cnccontact.htm>

OMS94 Martin, Karen S., Scheet, Nancy J. The Omaha System: Applications for Community Health Nursing. Philadelphia (PA): W.B. Saunders, 1992. (with 1994 corrections)

CATEGORY 1 RESTRICTIONS APPLY.

Contact: Karen S. Martin, RN, MSN, FAAN, 2115 South 130th Street, Omaha, Nebraska 68144; fax: (402)333-2091

PCDS97 Ozbolt, Judy Grace. Patient Care Data Set (PCDS). Version 4.0. Nashville (TN): Vanderbilt University School of Nursing, 1998.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Judy Ozbolt, Vanderbilt School of Nursing, 400-C Godchaux Hall, Nashville TN 37240-0008; phone: (615)343-3291; e-mail: judy.ozbolt@mcmail.vanderbilt.edu

PDQ2002 Physician Data Query Online System (PDQ). Bethesda (MD): National Cancer Institute, July 2002.

Contact: Dr. Gisele Sarosy, National Cancer Institute; 6116 Executive Blvd, Room 3001; Bethesda, MD 20892; phone: 301-496-9096; e-mail: gsarosy@mail.nih.gov; <http://www.nci.nih.gov/cancerinfo/pdq/>

PPAC98 Pharmacy Practice Activity Classification (PPAC). Washington (DC): American Pharmaceutical Association. January, 1998.

CATEGORY 3 RESTRICTIONS APPLY

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