

Spotlight! On NLM Resources

Neurological Disorders

July 28, 2011

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National Network of Libraries of Medicine
MidContinental Region

Colorado * Kansas * Missouri * Nebraska * Utah * Wyoming

Objectives

- Increase awareness of the spectrum of neurological disorders
- Learn resources concerned with neurological disorders.

First Step



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Health Topics

Drugs & Supplements

Videos & Cool Tools

ESPAÑOL

Refine by Type

All Results (1,416)

- Health Topics (97)
- External Health Links (1,123)
- Drugs and Supplements (6)
- Medical Encyclopedia (112)
- Videos and Tutorials (8)
- News (8)
- MedlinePlus Magazine (39)
- Other Resources (23)
- Multiple Languages



Refine by Keyword

All Results (1,416) remix

- Information on neurological disorders or research programs (42)
- Hope Through Research (38)
- Communications and Public Liaison (23)



Results 1 - 10 of 1,402 for neurological disorders

[Search Help](#)

1. [National Institute of Neurological Disorders and Stroke](#) (National Institute of Neurological Disorders and Stroke)
... advances into new therapies to benefit people with **neurological disorders**. In particular, through translational research NINDS strives to ... Training Clinical Trials Neuroscience @ NIH National Institute of **Neurological Disorders** and Stroke Home | About NINDS | Disorders A - Z | ...
www.ninds.nih.gov - Other Resources
2. [Brain Basics: Know Your Brain NIH](#) (National Institute of Neurological Disorders and Stroke)
... the action of dopamine in the brain. < top > **Neurological Disorders** When the brain is healthy it functions quickly ... and brain tumors. < top > The National Institute of **Neurological Disorders** and Stroke Since its creation by Congress in ...
www.ninds.nih.gov/disorders/brain_basics/know_your_brain.htm - External Health Links
3. [FAQs about Hepatitis B Vaccine \(Hep B\) and Multiple Sclerosis](#) (Centers for Disease Control and Prevention)
... the suggested association between hepatitis B vaccine and **neurological disorders**? CDC and the National Institutes of Health (NIH) ... causal association between hepatitis B vaccine and demyelinating **neurological disorders**, including MS in adults. The committee found that ...
www.cdc.gov/.../Vaccines/multiplesclerosis_and_hep_b.html - External Health Links
4. [Learning about Antiphospholipid Syndrome \(APS\) NIH](#) (National Human Genome Research Institute)
... which the skin tissue dies). Stroke and Other **Neurological Disorders** Stroke is



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Stroke Awareness

Visit the [Know Stroke](#) website to learn more about stroke and obtain Know Stroke materials such as brochures, posters, and [this video](#).



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Investing in Translational Research – Bridging a Critical Gap



Story Landis, Ph.D.

One of our core goals at NINDS is to turn science advances into new therapies to benefit people with neurological disorders. In particular, through translational research NINDS strives to bridge the “valley of death”—the critical gap between early discovery research and the later stages of development needed to bring interventions into clinical trials.

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The [NINDS Strategic Plan](#) is now available.



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Disorder: Diabetic Neuropathy



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National Institutes of Health
Reducing the burden of neurological disease...

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Disorder Index
(includes synonyms and related disorders)
Select a letter to jump to a disorder: [A](#) [B](#) [C](#) [D](#) [E](#)

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National Institute of Neurological Disorders and Stroke
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Reducing the burden of neurological disease...

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NINDS Attention Deficit-Hyperactivity Disorder Information Page
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Synonym(s): ADHD

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[Is there any treatment?](#)
[What is the prognosis?](#)
[What research is being done?](#)
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What is Attention Deficit-Hyperactivity Disorder?
Attention deficit-hyperactivity disorder (ADHD) is a neurobehavioral disorder that affects 3-5 percent of all American children. It interferes with a person's ability to stay on a task and to exercise age-appropriate inhibition (cognitive alone or both cognitive and behavioral). Some of the warning signs of ADHD include failure to listen to instructions, inability to organize oneself and school work, fidgeting with hands and feet, talking too much, leaving projects, chores and homework unfinished, and having trouble paying attention to and responding to details. There are several types of ADHD: a predominantly inattentive subtype, a predominantly hyperactive-impulsive subtype, and a combined subtype. ADHD is usually diagnosed in childhood, although the condition can continue into the adult years.

Is there any treatment?
The usual course of treatment may include medications such as methylphenidate (Ritalin) or dextroamphetamine (Dexedrine), which are stimulants that decrease impulsivity and hyperactivity and increase attention. Most experts agree that treatment for ADHD should address multiple aspects of the individual's functioning and should not be limited to the use of medications alone. Treatment should include structured classroom management, parent education (to address discipline and limit-setting), and tutoring and/or behavioral therapy for the child.

What is the prognosis?
There is no "cure" for ADHD. Children with the disorder seldom outgrow it; however, some may find adaptive ways to accommodate the ADHD as they mature.

Spanish Language Publications

[In English](#) | [Saltar al contenido](#) |



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NEUROLOGICAL
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National Institutes of Health

NINDS

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La misión de NINDS es reducir la carga de los trastornos neurológicos— una carga que puede afectar a personas de todas las edades, cada segmento de la sociedad y de todo el mundo. [Leer Más](#) .

Publicaciones Más Descargadas

- [Autismo](#)
- [El Síndrome de Guillain-Barré](#)
- [Enfermedad de Parkinson](#)
- [Accidente Cerebrovascular](#)



[Ver lista completa de publicaciones](#)

¿Debe participar en un estudio clínico?

Para avanzar en la investigación médica y encontrar mejores tratamientos para las enfermedades, [necesitamos su ayuda](#).

Conozca Los Señales

Los síntomas del ataque cerebral son claros y se presentan repentinamente. Llame al 911 si usted o alguien a su alrededor está sufriendo cualquier de estos síntomas:

- Dificultad para caminar
- Debilidad en un lado del cuerpo
- Dificultad para ver
- Dificultad para hablar



Ataque Cerebral

DIFICULTAD PARA CAMINAR

DEBILIDAD EN UN LADO DEL CUERPO

DIFICULTAD PARA VER

DIFICULTAD PARA HABLAR

Conozca las Señales.
Llame inmediatamente al 911.

Patient Resources

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National Institutes of Health

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Reducing the burden of neurological disease...

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Organizations

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This listing is not intended to be a comprehensive listing of all not-for-profit health agencies in the United States, nor does inclusion of any particular organization imply endorsement by the National Institutes of Health or the Department of Health and Human Services. Our intent is to provide information useful to individuals nationally, and for this reason we have not included many local groups that offer valuable assistance to patients and their families within a limited geographic area. Many of the organizations listed in this directory have information available to the public on the World Wide Web.

Sort Organizations by Special-Purpose Indexes

[Government Resources](#) | [Brain & Tissue Banks](#) | [Caregiver](#) | [Disability & Rehabilitation](#) | [Patient Assistance](#) | [Other](#)

For disease-specific lists of organizations, see [individual disorder pages](#).

Select a letter to jump to the organization or return to [top](#) of page

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A [Accelerated Cure Project for Multiple Sclerosis/ Boston Cure Project for MS](#)
[Acid Maltase Deficiency Association \(AMDA\)](#)
[Acoustic Neuroma Association](#)
[ADA Business and Technical Assistance Program](#)
[Aicardi Syndrome Foundation](#)

[Alliance for Aging Research](#)
[ALS Association \(ALSA\)](#)
[ALS Therapy Development Institute](#)
[Alternating Hemiplegia of Childhood Foundation \(AHCF\)](#)
[Alzheimer's Association](#)

[Alzheimer's Drug Discovery Foundation \(formerly the Institute for the Study of Aging\)](#)
[Alzheimer's Foundation of America](#)
[American Autoimmune Related Diseases Association](#)

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Exercise

- A young mother comes into your library . Her infant has **hydrocephalus**.
 - What is this condition?
 - Are there any pertinent clinical trials? If so, how many are there?
 - What other resources can you identify to help her?

Question

- A physician in our community has several patients with fibromyalgia. She is interested providing her patients with some good patient information. Can you find a good source of information on fibromyalgia? (in addition to MedlinePlus)



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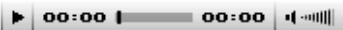
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Clinical Trials



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Search

ClinicalTrials.gov is a registry and [results database](#) of federally and privately supported clinical trials conducted in the United States and around the world. ClinicalTrials.gov gives you information about a trial's purpose, who may participate, locations, and phone numbers for more details. This information should be used in conjunction with advice from health care professionals. [Read more...](#)

▶ [Search for Clinical Trials](#)

Find trials for a specific medical condition or other criteria in the ClinicalTrials.gov registry. ClinicalTrials.gov currently has **110,885 trials** with locations in **174 countries**.

▶ [Investigator Instructions](#)

Get instructions for clinical trial investigators/sponsors about how to register trials in ClinicalTrials.gov. Learn about mandatory registration and results reporting requirements and US Public Law 110-85 (FDAAA).

▶ [Background Information](#)

Learn about clinical trials and how to use ClinicalTrials.gov, or access other consumer health information from the US National Institutes of Health.

Resources:

[Understanding Clinical Trials](#)

[What's New](#)

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Study Topics:

[List studies by Condition](#)

[List studies by Drug Intervention](#)

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Understanding Clinical Trials

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Understanding Clinical Trials

Choosing to participate in a clinical trial is an important personal decision. The following frequently asked questions provide detailed information about clinical trials. In addition, it is often helpful to talk to a physician, family members, or friends about deciding to join a trial. After identifying some trial options, the next step is to contact the study research staff and ask questions about specific trials.

Frequently asked questions:

- [What is a clinical trial?](#)
- [Why participate in a clinical trial?](#)
- [Who can participate in a clinical trial?](#)
- [What happens during a clinical trial?](#)
- [What is informed consent?](#)
- [What are the benefits and risks of participating in a clinical trial?](#)
- [What are side effects and adverse reactions?](#)
- [How is the safety of the participant protected?](#)
- [What should people consider before participating in a trial?](#)
- [What kind of preparation should a potential participant make for the meeting with the research coordinator or doctor?](#)
- [Does a participant continue to work with a primary health care provider while in a trial?](#)
- [Can a participant leave a clinical trial after it has begun?](#)
- [Where do the ideas for trials come from?](#)
- [Who sponsors clinical trials?](#)
- [What is a protocol?](#)
- [What is a placebo?](#)
- [What is a control or control group?](#)
- [What are the different types of clinical trials?](#)
- [What are the phases of clinical trials?](#)
- [What is "expanded access"?](#)

What is a clinical trial?

Although there are many definitions of clinical trials, they are generally considered to be biomedical or health-related research studies in human beings that follow a pre-defined protocol. ClinicalTrials.gov includes both interventional and observational types of studies. Interventional studies are those in which the research subjects are assigned by the investigator to a treatment or other intervention, and their outcomes are measured. Observational studies are those in which individuals are observed and their outcomes are measured by the investigators.

Why participate in a clinical trial?

Participants in clinical trials can play a more active role in their own health care, gain access to new research treatments before they are widely available, and help others by contributing to medical research.

Search Function

Basic Search

[Advanced Search](#)

[Studies by Topic](#)

[Studies on Map](#)

Enter a word or phrase, such as the name of a medical condition or intervention.

Example: Heart Attack AND Los Angeles

[Advanced Search](#) [Help](#)

Search Tips:

Use AND (all upper case) to search for multiple terms. For example:
prostate cancer AND radiation
heart disease AND stroke AND California

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Studies by Topic

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Categorize All Studies in ClinicalTrials.gov

Select a Main Category

Conditions

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Rare Diseases

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Drug Interventions

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Exercise

- Can you find a clinical trial on Alzheimer's that is currently recruiting patients occurring in Missouri?
- How many studies on Alzheimer's are there currently in Missouri?
- Describe your search process.

Results on Map

ch

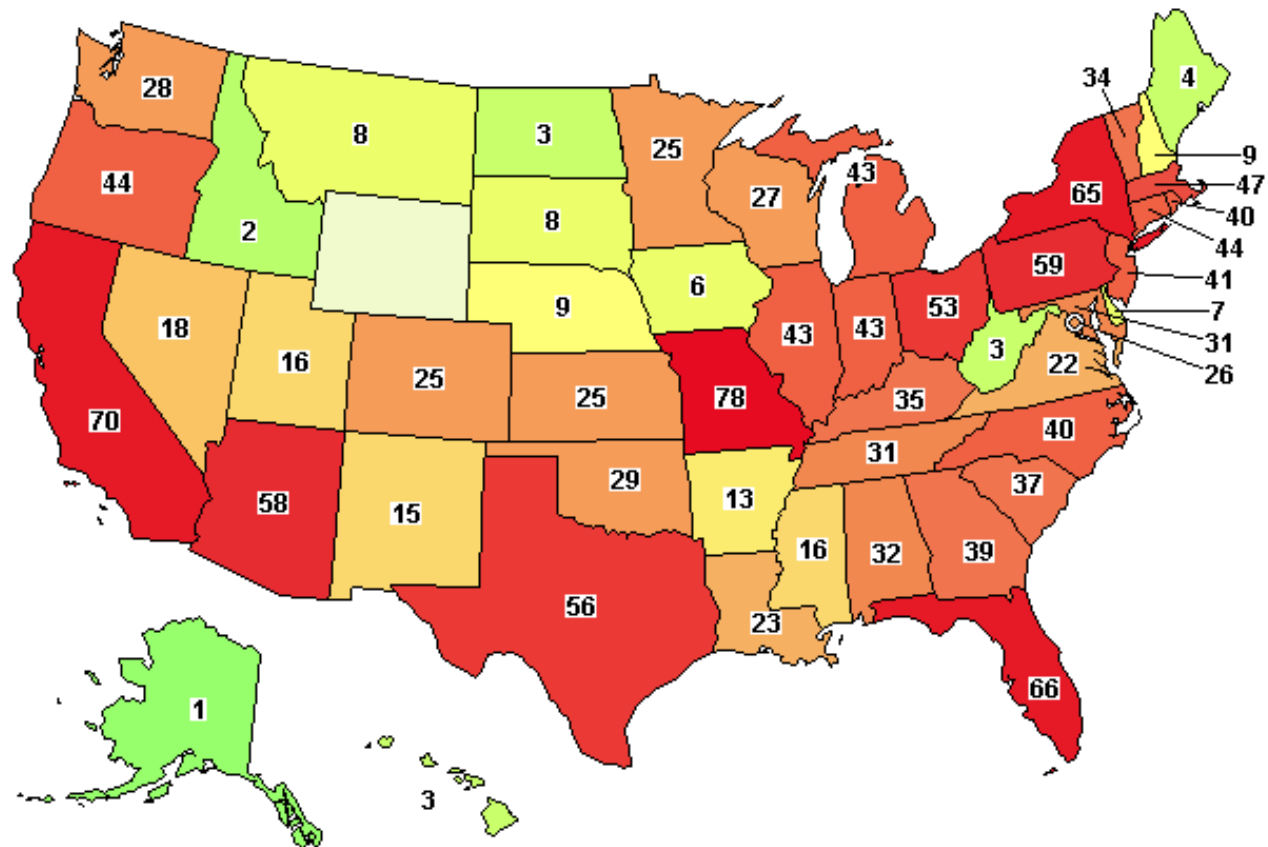
[Results by Topic](#)

Results on Map

[Search Details](#)

search of **alzheimer's missouri**

more detailed map (when available) or search for studies (when map not available).



Colors indicate number of studies with locations in that region

Least  Most

Labels give exact study count

Genetics Home Reference



Genetics Home Reference
Your Guide to Understanding Genetic Conditions

neurological disorders Search

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What's New <ul style="list-style-type: none">• HSAN5• Kawasaki disease• X-linked creatine deficiency• More...	Genetic Disorders A to Z and related genes and chromosomes	Concepts & Tools for understanding human genetics
Newborn Screening Detecting genetic disorders for early treatment	Genetic Conditions The genetics of more than 600 health conditions, diseases, and syndromes.	Handbook Learn about mutations, inheritance, genetic counseling, genetic testing, genomic research, and more.
In the Spotlight <ul style="list-style-type: none">• Learning Activities• Information Rx• What is direct-to-consumer genetic testing?	Genes More than 850 genes, health effects of genetic differences, and gene families.	Glossary Medical and genetics definitions.
	Chromosomes Chromosomes, mitochondrial DNA, and associated health conditions.	Resources Links to other genetics information and organizations.

Genetics Home Reference provides consumer-friendly information about the effects of genetic variations on human health. The resources on this site should not be used as a substitute for professional medical care or advice. Users seeking information about a personal genetic disease, syndrome, or condition should consult with a qualified healthcare professional. See [How can I find a genetics professional in my area?](#) in the Handbook.

Published: July 18, 2011

<http://ghr.nlm.nih.gov/>

Basic Search



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Your Guide to Understanding Genetic Conditions

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neurological disorders

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Search Results

Searched for **neurological disorders**.

365 results found on Genetics Home Reference. Showing results 1 to 20.

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[Conditions \(261\)](#)
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1. [chorea-acanthocytosis](#) [condition summary](#)
Found: ...is primarily a **neurological disorder** that affects...
Related genes: [VPS13A](#)
2. [triple A syndrome](#) [condition summary](#)
Found related term in name or synonym: ...insufficient...
Related genes: [AAAS](#)
3. [peripheral neuropathy](#) [definition](#)
4. [congenital central hypoventilation syndrome](#) [condition summary](#)
Found: ...learning difficulties or other **neurological** problems...
Related genes: [PHOX2B](#)
5. [familial dysautonomia](#) [condition summary](#)
Found: ...dysautonomia is a genetic **disorder** that affects...
Related genes: [IKBKAP](#)

- ▶ [Results \(365\)](#)
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Finding Genetic Conditions

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Genetic Conditions

Find a specific disorder or condition **by first letter**:

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Find a disease **by category**:

- [Blood/lymphatic system](#)
- [Bones, muscles, and connective tissues](#)
- [Brain and nervous system](#)
- [Cancers](#)
- [Digestive system](#)
- [Ear, nose, and throat](#)
- [Endocrine system \(hormones\)](#)
- [Eyes and vision](#)
- [Food, nutrition, and metabolism](#)
- [Heart and circulation](#)
- [Immune system](#)
- [Kidneys and urinary system](#)
- [Lungs and breathing](#)
- [Mental health and behavior](#)
- [Mouth and teeth](#)
- [Reproductive system](#)
- [Skin, hair, and nails](#)

The **most often viewed**:

1. [triple X syndrome](#)
2. [cystic fibrosis](#)
3. [factor V Leiden thrombophilia](#)
4. [Pompe disease](#)

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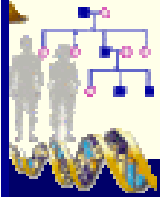
[Genetic Conditions](#) >

Brain and nervous system

The brain and nervous system form a complex network of signals that carry information (in the form of electrical impulses) to and from the body. Several disorders that directly affect the nervous system have a genetic component.

- [A- \$\alpha\$ -lipoprotein Neuropathy](#) *see* Tangier disease
- [A-T](#) *see* ataxia-telangiectasia
- [AAA](#) *see* triple A syndrome
- [AADC deficiency](#) *see* aromatic l-amino acid decarboxylase deficiency
- [AASA dehydrogenase deficiency](#) *see* pyridoxine-dependent epilepsy
- [AB variant](#) *see* GM2-gangliosidosis, AB variant
- [abetalipoproteinemia](#)
- [ACADS deficiency](#) *see* short-chain acyl-CoA dehydrogenase deficiency
- [acanthocytosis](#) *see* abetalipoproteinemia
- [acanthocytosis with neurologic disorder](#) *see* chorea-acanthocytosis
- [ACCPN](#) *see* Andermann syndrome
- [aceruloplasminemia](#)
- [Achalasia-addisonian syndrome](#) *see* triple A syndrome
- [Achalasia-Addisonianism-Alacrima syndrome](#) *see* triple A syndrome
- [Achalasia-alacrima syndrome](#) *see* triple A syndrome
- [Activator Deficiency/GM2 Gangliosidosis](#) *see* GM2-gangliosidosis, AB variant
- [Activator-deficient Tay-Sachs disease](#) *see* GM2-gangliosidosis, AB variant
- [ACY2 deficiency](#) *see* Canavan disease
- [AD](#) *see* Alzheimer disease
- [Adamantiades-Behcet disease](#) *see* Behçet disease
- [ADLTE](#) *see* autosomal dominant partial epilepsy with auditory features
- [ADNFLE](#) *see* autosomal dominant nocturnal frontal lobe epilepsy
- [ADPEAF](#) *see* autosomal dominant partial epilepsy with auditory features
- [Adrenoleukodystrophy](#) *see* X-linked adrenoleukodystrophy
- [Adrenomyeloneuropathy](#) *see* X-linked adrenoleukodystrophy
- [adult neuronal ceroid lipofuscinosis](#) *see* Kufs disease

Handbook and Glossary



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Your Guide to Understanding Genetic Conditions

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Exercise

- What is “cat cry syndrome”?
- Which chromosome is affected in this syndrome?

Exercise

- What is the definition of malformation?
- What is the source of the definition?

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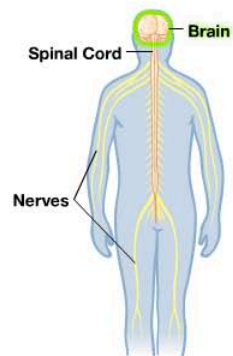
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Alzheimer's Disease

Alzheimer's Disease

Also called: AD



Alzheimer's disease (AD) is the most common form of [dementia](#) among older people. Dementia is a brain disorder that seriously affects a person's ability to carry out daily activities.

AD begins slowly. It first involves the parts of the brain that control thought, memory and language. People with AD may have trouble remembering things that happened recently or names of people they know. A related problem, [mild cognitive impairment](#) (MCI), causes more memory problems than normal for people of the same age. Many, but not all, people with MCI will develop AD.

In AD, over time, symptoms get worse. People may not recognize family members or have trouble speaking, reading or writing. They may forget how to brush their teeth or comb their hair. Later on, they may become anxious or aggressive, or wander away from home. Eventually, they need total care. This can cause great stress for family members who must [care](#) for them.

AD usually begins after age 60. The risk goes up as you get older. Your risk is also higher if a family member has had the disease.

No treatment can stop the disease. However, some drugs may help keep symptoms from getting worse for a limited time.

NIH: National Institute on Aging

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Exercise

- Can you find financial information for a person with Multiple Sclerosis? What is your search process?
- How many people each year are affected by Bell's palsy in the United States?

Other strategies

- Check for name of specific condition
- Search MedlinePlus
- Search national support or advocacy groups

Questions?

Thank you!

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