



دروازه ای به اطلاعات بهداشتی و پزشکی



U.S. NATIONAL LIBRARY OF MEDICINE

# MedlinePlus: founded 1998

The screenshot shows the MedlinePlus website in a Mozilla Firefox browser window. The browser's address bar displays the URL <http://www.nlm.nih.gov/medlineplus/medlineplus.html>. The website header features the MedlinePlus logo, the tagline "Trusted Health Information for You", and the text "A service of the U.S. National Library of Medicine NIH National Institutes of Health". A search bar is located in the top right corner with a "GO" button. Below the header, a navigation menu includes links for "About MedlinePlus", "Site Map", "FAQs", "Contact Us", and an "ESPAÑOL" button. A central banner reads "It's Back-to-School time! Tips for parents and kids at our School Health page" and features a photograph of a diverse group of children. Below the banner are three green buttons: "→ Health Topics", "→ Drugs & Supplements", and "→ Videos & Cool Tools". The main content area is divided into three columns. The left column contains a "MEDICAL DICTIONARY" search box and a "POPULAR SEARCHES" widget listing terms like anemia, asthma, diabetes, fibromyalgia, and vitamin d. The middle column is titled "About Your Health" and includes tabs for "General", "Seniors", "Men", "Women", and "Children", with a list of health topics such as Back Pain, COPD, Depression, and Diabetes. The right column is titled "Health News" and features a "01 SEP" badge, a list of news articles including "DASH Diet' Shown to Lower Heart Attack Risk Almost 20%", and a "Stay Connected" section for email updates. The browser's taskbar at the bottom shows the Start button and several open applications, including "PC Reservation@ Manag...", "MedlinePlus - Health I...", "PPT", and "Microsoft PowerPoint - [...]", with the system clock showing 3:33 PM.

# Three Main Sections

→ Health Topics

→ Drugs & Supplements

→ Videos & Cool Tools



MEDICAL DICTIONARY

GO

## POPULAR SEARCHES

anemia **asthma** copd  
diabetes  
fibromyalgia gerd  
gout hypertension lisinopril  
lupus mrsa shingles  
stroke **vitamin d**

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## About Your Health

General Seniors Men Women Children

[Back Pain](#)

[COPD \(Chronic Obstructive Pulmonary Disease\)](#)

[Depression](#)

[Diabetes](#)

[Exercise and Physical Fitness](#)

[Heart Diseases](#)

[High Blood Pressure](#)

[Pregnancy](#)

[Skin Conditions](#)

[Weight Control](#)

NIHSeniorHealth

Clinical Trials



## Health News

['DASH Diet' Shown to Lower Heart Attack Risk Almost 20%](#)

[Dementia Patients, Caregivers May Benefit from Home-Based Program](#)

[More Evidence Hormone Therapy Can Muddy Mammograms](#)

[more health news](#)



## Stay Connected

Get the latest information on the health topics that matter to you most. Sign up for MedlinePlus email updates:

# Health Topics

**Health Topics: MedlinePlus - Mozilla Firefox**

File Edit View History Bookmarks Tools Help

http://www.nlm.nih.gov/medlineplus/healthtopics.html

medlineplus

Health Topics: MedlinePlus

A B C D E F G H I J K L M N O P Q R S T U V W XYZ [List of All Topics](#)

## Health Topics

Read about symptoms, causes, treatment and prevention for over 800 diseases, illnesses, health conditions and wellness issues. MedlinePlus health topics are regularly reviewed, and links are updated daily.

- Body Location/Systems**
  - [Blood, Heart and Circulation](#)
  - [Bones, Joints and Muscles](#)
  - [Brain and Nerves](#)
  - [Digestive System](#)
  - [Ear, Nose and Throat](#)
  - [Endocrine System](#)
  - [Eyes and Vision](#)
  - [Immune System](#)
  - [Kidneys and Urinary System](#)
  - [Lungs and Breathing](#)
  - [Mouth and Teeth](#)
  - [Skin, Hair and Nails](#)
  - [Female Reproductive System](#)
  - [Male Reproductive System](#)
- Disorders and Conditions**
  - [Cancers](#)
  - [Diabetes Mellitus](#)
  - [Genetics/Birth Defects](#)
  - [Infections](#)
  - [Injuries and Wounds](#)
  - [Mental Health and Behavior](#)
  - [Metabolic Problems](#)
  - [Poisoning, Toxicology, Environmental Health](#)
  - [Pregnancy and Reproduction](#)
  - [Substance Abuse Problems](#)
  - Diagnosis and Therapy**
    - [Complementary and Alternative Therapies](#)
    - [Diagnostic Tests](#)
    - [Drug Therapy](#)
    - [Surgery and Rehabilitation](#)
    - [Symptoms](#)
    - [Transplantation and Donation](#)
- Demographic Groups**
  - [Children and Teenagers](#)
  - [Men](#)
  - [Population Groups](#)
  - [Seniors](#)
  - [Women](#)
  - Health and Wellness**
    - [Disasters](#)
    - [Fitness and Exercise](#)
    - [Food and Nutrition](#)
    - [Health System](#)
    - [Personal Health Issues](#)
    - [Safety Issues](#)
    - [Sexual Health Issues](#)
    - [Social/Family Issues](#)
    - [Wellness and Lifestyle](#)

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Done

Start PC Reservation@ Manag... Health Topics: Medlin... Presentation1

3:36 PM

# Selecting a topic

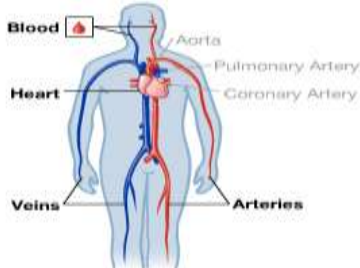
Blood, Heart and Circulation: MedlinePlus - Mozilla Firefox

http://www.nlm.nih.gov/medlineplus/bloodheartandcirculation.html

Health Topics   Drugs & Supplements   Videos & Cool Tools   ESPAÑOL

## Blood, Heart and Circulation

[See all topics](#)



**Select One:**

- [Arteries](#)
- [Blood](#)
- [Heart](#)
- [Veins](#)

### Blood, Heart and Circulation Topics

Abdominal Aortic Aneurysm see [Aortic Aneurysm](#)  
ABO Blood Groups see [Blood and Blood Disorders](#)  
AF see [Atrial Fibrillation](#)  
[Anatomy](#)  
[Anemia](#)  
[Aneurysms](#)  
Angitis see [Vasculitis](#)  
[Angina](#)  
[Angioplasty](#)  
Anticoagulants see [Blood Thinners](#)

Transferring data from www.nlm.nih.gov...

Start   PC Reservation@ Manag...   Blood, Heart and Circ...   Presentation1   3:36 PM

# Inside a Topic

**Blood Pressure Medicines: MedlinePlus - Mozilla Firefox**

File Edit View History Bookmarks Tools Help

http://www.nlm.nih.gov/medlineplus/bloodpressuremedicines.html#cat1

medlineplus

Yahoo! Google http://webmail.telis.n... Verizon E-Mail Amazon IRS ILS Reference Reque... TLC Support Infopeople Search To... Google Maps Inland Counties Leg... Comms Delegated Ad...

Google medlineplus Search Share Sidewiki Bookmarks Check Translate AutoFill Sign in

**Blood Pressure Medicines: MedlinePlus** MedlinePlus: Drugs, Herbs and Supplem...

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NIH National Institutes of Health

Home About MedlinePlus Site Map FAQs Contact Us

Search MedlinePlus  **GO**

**Health Topics** **Drugs & Supplements** **Videos & Cool Tools** **ESPAÑOL**

Other Topics: [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [XYZ](#) [All Topics](#)

## Blood Pressure Medicines

Also called: **Antihypertensive Medicines, High blood pressure medicines**

[High blood pressure](#), also called hypertension, usually has no symptoms. But it can cause serious problems such as [stroke](#), [heart failure](#), [heart attack](#) and [kidney failure](#). If you cannot control your high blood pressure through healthy lifestyle habits such as losing weight and reducing sodium in your diet, your doctor may prescribe medicines.

Blood pressure medicines work in different ways to lower blood pressure. Some remove extra fluid and salt from the body to lower blood pressure. Others slow down the heartbeat or relax and widen blood vessels. Often, two or more medicines work better than one.

*NIH: National Heart, Lung, and Blood Institute*

**Get Blood Pressure Medicines updates by email**  **GO** [What's this?](#)

**Start Here**

- [High Blood Pressure: Medicines to Help You Easy-to-Read](#) (Food and Drug Administration)
- [Medications and Blood Pressure](#) (American Heart Association)

**MEDICAL ENCYCLOPEDIA**

- [ACE inhibitors](#)
- [Beta blockers overdose](#)
- [Calcium channel blocker overdose](#)
- [Thiazide overdose](#)

**Related Topics**

[High Blood Pressure](#)

Done

Start PC Reservation@Manag... Blood Pressure Medici... MedlinePlus

3:45 PM

# Link to outside websites

U.S. Department of Health & Human Services [www.hhs.gov](http://www.hhs.gov)

**FDA U.S. Food and Drug Administration**

Home | Food | Drugs | Medical Devices | Vaccines, Blood & Biologics | Animal & Veterinary | Cosmetics | Radiation-Emitting Products | Tobacco Products

**For Consumers** [Share](#) [Email this Page](#) [Print this page](#) [Increase Font Size](#) [Decrease Font Size](#)

Home > For Consumers > Consumer Information by Audience > For Women

**Consumer Information by Audience**

- For Women**
- OWH eUpdate
- An Invitation to Collaborate
- Free Publications
- Take Time to Care Program
- Women's Health Topics

**Resources for You**

- Heart Health for Women
- Women and Diabetes
- Free Publications For Women
- Office of Women's Health

## High Blood Pressure--Medicines to Help You

[Full Color Version \(PDF 804KB\)](#)

**High blood pressure is a serious illness.**

High blood pressure is often called a "silent killer" because many people have it but do not know it. **Some people do not feel sick at first. Over time, people who do not get treated for high blood pressure can get very sick or even die.**

High blood pressure can cause:

- kidney failure
- stroke
- blindness and
- heart attacks.

**There is good news.**

There are life-saving medicines people can take every day to help control their high blood pressure. People who eat healthy foods, exercise, and take their medicines every day can control their blood pressure.

**Take your blood pressure medicines.**

It is important to take your blood pressure medicines every day. **Take your medicines even when your blood pressure comes down ... even when you do not feel bad.** Do not stop taking your medicine until your doctor says that it is OK.

Most people who take high blood pressure medicines do not get any side effects. Like all medicines, high blood pressure medicines can sometimes cause side effects. Some people have common problems like headaches, dizziness or an upset stomach. These problems are small compared to what could happen if you do not take your medicine.

**Understanding your blood pressure -- What do the numbers mean?**

When you have your blood pressure taken, you are told 2 numbers, like 120/80. Both numbers are important.

# Clickable Links

The screenshot shows a Mozilla Firefox browser window displaying the MedlinePlus website. The address bar shows the URL: <http://www.nlm.nih.gov/medlineplus/bloodpressuremedicines.html#cat57>. The page features a navigation bar with buttons for "Health Topics", "Drugs & Supplements", "Videos & Cool Tools", and "ESPAÑOL". Below this is a "Other Topics" section with a row of letters from A to Z, which is circled in red. The main content area is titled "Blood Pressure Medicines" and includes a sub-header "Also called: Antihypertensive Medicines, High blood pressure medicines". The text describes high blood pressure and its symptoms, and provides information about blood pressure medicines. There is a "Get Blood Pressure Medicines updates by email" section with an email input field and a "GO" button. A "Start Here" section lists links to "High Blood Pressure: Medicines to Help You Easy-to-Read" and "Medications and Blood Pressure". The page also features a "MEDICAL ENCYCLOPEDIA" section with links to "ACE inhibitors", "Beta blockers overdose", "Calcium channel blocker overdose", and "Thiazide overdose". A "Related Topics" section lists "High Blood Pressure", "Blood, Heart and Circulation", and "Drug Therapy". The page footer includes the text "National Institutes of Health".

Health Topics Drugs & Supplements Videos & Cool Tools ESPAÑOL

Other Topics: A B C D E F G H I J K L M N O P Q R S T U V W XYZ All Topics

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- [High Blood Pressure: Medicines to Help You Easy-to-Read](#) (Food and Drug Administration)
- [Medications and Blood Pressure](#) (American Heart Association)

Basics	Learn More	Multimedia & Cool Tools
<a href="#">Overviews</a> <a href="#">Latest News</a>	<a href="#">Specific Conditions</a> <a href="#">Related Issues</a>	No links available
Research	Reference Shelf	For You
<a href="#">Clinical Trials</a> <a href="#">Journal Articles</a>	<a href="#">Organizations</a>	<a href="#">MedlinePlus Magazine</a> <a href="#">Patient Handouts</a>

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### MEDICAL ENCYCLOPEDIA

[ACE inhibitors](#)  
[Beta blockers overdose](#)  
[Calcium channel blocker overdose](#)  
[Thiazide overdose](#)

### Related Topics

[High Blood Pressure](#)  
[Blood, Heart and Circulation](#)  
[Drug Therapy](#)

### National Institutes of Health



# Print Friendly

Blood Pressure Medicines: MedlinePlus - Mozilla Firefox

http://www.nlm.nih.gov/medlineplus/bloodpressuremedicines.html#cat57

Health Topics | Drugs & Supplements | Videos & Cool Tools | **ESPAÑOL**

Other Topics: A B C D E F G H I J K L M N O P Q R S T U V W XYZ All Topics

## Blood Pressure Medicines

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- [Medications and Blood Pressure](#) (American Heart Association)

Basics	Learn More	Multimedia & Cool Tools
<a href="#">Overviews</a> <a href="#">Latest News</a>	<a href="#">Specific Conditions</a> <a href="#">Related Issues</a>	No links available
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**MEDICAL ENCYCLOPEDIA**

- [ACE inhibitors](#)
- [Beta blockers overdose](#)
- [Calcium channel blocker overdose](#)
- [Thiazide overdose](#)

**Related Topics**

- [High Blood Pressure](#)
- [Blood, Heart and Circulation](#)
- [Drug Therapy](#)

**National Institutes of Health**

Done

Start | PC Reservation@Manag... | Blood Pressure Medici... | MedlinePlus | 3:49 PM

# Drugs

MedlinePlus: Drugs, Herbs and Supplements: MedlinePlus - Mozilla Firefox

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http://www.nlm.nih.gov/medlineplus/druginformation.html

karate kid

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http://webmail.tel...12881196663354078 (0 unread) Yahoo! Mail, eliang MedlinePlus: Drugs, Herbs and Su...

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Search MedlinePlus  **GO**

**Health Topics** **Drugs & Supplements** **Videos & Cool Tools** **ESPAÑOL**

## Drugs, Herbs and Supplements

### Drugs

Learn about your prescription drugs and over-the-counter medicines. Includes side effects, dosage, special precautions, and more.

**Browse by generic or brand name**

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0-9

For FDA approved labels included in drug packages, see [DailyMed](#).

### Herbs and Supplements

Browse dietary supplements and herbal remedies to learn about their effectiveness, usual dosage, and drug interactions.

**All herbs and supplements**

#### Related Topics

- [AIDS Medicines](#)
- [Antibiotics](#)
- [Antidepressants](#)
- [Blood Pressure Medicines](#)
- [Blood Thinners](#)
- [Cancer Alternative Therapies](#)
- [Cancer Chemotherapy](#)
- [Cold and Cough Medicines](#)
- [Complementary and Alternative Medicine](#)
- [Diabetes Medicines](#)
- [Dietary Supplements](#)
- [Drug Safety](#)
- [Herbal Medicine](#)
- [Hormone Replacement Therapy](#)
- [Medicines](#)
- [Over-the-Counter Medicines](#)
- [Pain Relievers](#)
- [Statins](#)
- [Steroids](#)
- [Vitamins](#)

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Done

Start PC Reservation@ Manag... MedlinePlus: Drugs, H... My Dropbox Microsoft PowerPoint - [...]

1:26 PM

# 2 Sections



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Health Topics

Drugs & Supplements

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ESPAÑOL

## Drugs, Herbs and Supplements



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Browse by generic or brand name

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0-9

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- [Blood Pressure Medicines](#)
- [Blood Thinners](#)
- [Cancer Alternative Therapies](#)
- [Cancer Chemotherapy](#)
- [Cold and Cough Medicines](#)
- [Complementary and Alternative Medicine](#)
- [Diabetes Medicines](#)
- [Dietary Supplements](#)
- [Drug Safety](#)
- [Herbal Medicine](#)
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# Drugs Listing

## Drugs: M

M.A.H.® (as a combination product containing Aluminum Hydroxide, Magnesium Hydroxide) see [Aluminum Hydroxide and Magnesium Hydroxide](#)

M-Clear® (as a combination product containing Guaifenesin and Hydrocodone) see [Hydrocodone](#)

M-Clear WC® (as a combination product containing Codeine, Guaifenesin) see [Codeine](#)

M-End Liquid® (as a combination product containing Brompheniramine, Hydrocodone, and Pseudoephedrine) see [Hydrocodone](#)

M-End Max® (as a combination product containing Brompheniramine, Hydrocodone, and Phenylephrine) see [Hydrocodone](#)

M-End PE® (as a combination product containing Brompheniramine, Codeine, Phenylephrine) see [Codeine](#)

M-M-R® II (as a combination product containing Measles Vaccine, Mumps Vaccine, Rubella Vaccine) see [Measles, Mumps, and Rubella Vaccine](#)

M-R-Vax® II (as a combination product containing Measles Vaccine, Rubella Vaccine) see [Measles, Mumps, and Rubella Vaccine](#)

Maalox® Anti-Diarrheal see [Loperamide](#)

Maalox® Anti-Gas see [Simethicone](#)

Maalox® Plus (as a combination product containing Aluminum Hydroxide, Magnesium Hydroxide, Simethicone) see [Simethicone](#)

Maalox HRF® (as a combination product containing Aluminum Hydroxide, Magnesium Hydroxide) see [Aluminum Hydroxide and Magnesium Hydroxide](#)

Maalox T.C.® (as a combination product containing Aluminum Hydroxide, Magnesium Hydroxide) see [Aluminum Hydroxide and Magnesium Hydroxide](#)

Maalox Total Relief® see [Bismuth Subsalicylate](#)

Macrobid® see [Nitrofurantoin](#)

Macugen® see [Pegaptanib Injection](#)

Mag-Ox® see [Magnesium Oxide](#)

Magaant® (as a combination product containing Aluminum Hydroxide, Magnesium Hydroxide, Simethicone) see [Simethicone](#)

Magagel® (as a combination product containing Aluminum Hydroxide, Magnesium Hydroxide) see [Aluminum Hydroxide and Magnesium Hydroxide](#)

Magagel® Plus (as a combination product containing Aluminum Hydroxide, Magnesium Hydroxide, Simethicone) see [Simethicone](#)

Magaldrate Plus (as a combination product containing Magaldrate, Simethicone) see [Simethicone](#)

Magalox® Plus (as a combination product containing Aluminum Hydroxide, Magnesium Hydroxide, Simethicone) see [Simethicone](#)

Magnacet® (as a combination product containing Acetaminophen, Oxycodone) see [Acetaminophen](#)

Magnacet® (as a combination product containing Acetaminophen, Oxycodone) see [Oxycodone](#)

Magnalox® (as a combination product containing Aluminum Hydroxide, Magnesium Hydroxide) see [Aluminum Hydroxide and Magnesium Hydroxide](#)

Magnaprin® see [Aspirin](#)

[Magnesium Gluconate](#)

[Magnesium Hydroxide](#)

[Magnesium Oxide](#)

Magonate® see [Magnesium Gluconate](#)

Magtrate® see [Magnesium Gluconate](#)

Major-gesic® (as a combination product containing Acetaminophen, Phenyltoloxamine) see [Acetaminophen](#)

Majorcon® see [Simethicone](#)

Malatal® (as a combination product containing Atropine, Hyoscyamine, Phenobarbital, Scopolamine) see [Belladonna Alkaloid Combinations and](#)

# Supplements

Health Topics

Drugs & Supplements

Videos & Cool Tools

ESPA

## Herbs and Supplements

Browse dietary supplements and herbal remedies to learn about their effectiveness, usual dosage, and drug interactions.

[5-HTP](#)  
[Acai](#)  
[Alfalfa](#)  
[Aloe](#)  
[Bacillus coagulans](#)

[Belladonna](#)  
[Beta-carotene](#)  
[Bifidobacteria](#)  
[Bilberry](#)  
[Biotin](#)

[Black psyllium](#)  
[Black tea](#)  
[Bladderwrack](#)  
[Blessed thistle](#)  
[Blond psyllium](#)

[Blue-green algae](#)  
[Blueberry](#)  
[Boron](#)  
[Bromelain](#)  
[Calcium](#)

[Calendula](#)  
[Cassia cinnamon](#)  
[Chondroitin sulfate](#)  
[Chromium](#)  
[Clove](#)

[Coenzyme Q-10](#)

[Feverfew](#)  
[Fish oil](#)  
[Flaxseed](#)  
[Flaxseed oil](#)  
[Folic acid](#)

[Garlic](#)  
[Ginger](#)  
[Ginkgo](#)  
[Ginseng, American](#)  
[Ginseng, Panax](#)

[Ginseng, Siberian](#)  
[Glucosamine hydrochloride](#)  
[Glucosamine sulfate](#)  
[Goldenseal](#)  
[Green tea](#)

[Horse chestnut](#)  
[Horsetail](#)  
[Iodine](#)  
[Iron](#)  
[Kava](#)

[L-arginine](#)  
[Lactobacillus](#)  
[Lavender](#)  
[Licorice](#)  
[Lycium](#)

[Lycopene](#)

[Peppermint](#)  
[Phosphate salts](#)  
[Pomegranate](#)  
[Propolis](#)  
[Pycnogenol](#)

[Pyridoxine \(Vitamin B6\)](#)  
[Red clover](#)  
[Red yeast](#)  
[Riboflavin \(Vitamin B2\)](#)  
[Roman chamomile](#)

[Saccharomyces boulardii](#)  
[SAME](#)  
[Saw palmetto](#)  
[Selenium](#)  
[Senna](#)

[Shark cartilage](#)  
[St. John's wort](#)  
[Tea tree oil](#)  
[Thiamine \(Vitamin B1\)](#)  
[Turmeric](#)

[Valerian](#)  
[Vitamin A](#)  
[Vitamin B12](#)  
[Vitamin C \(Ascorbic acid\)](#)  
[Vitamin D](#)

[Vitamin E](#)

# Information

## Fish oil



Print



Email



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[What is it?](#)

[How effective is it?](#)

[How does it work?](#)

[Are there safety concerns?](#)

[Are there interactions with medications?](#)

[Are there interactions with herbs and supplements?](#)

[Are there interactions with foods?](#)

[What dose is used?](#)

[Other names](#)

[Methodology](#)

[References](#)

### What is it?

Fish oils can be obtained from eating fish or by taking supplements. Fish that are especially rich in the beneficial oils known as omega-3 fatty acids include mackerel, tuna, salmon, sturgeon, mullet, bluefish, anchovy, sardines, herring, trout, and menhaden. They provide about 1 gram of omega-3 fatty acids in about 3.5 ounces of fish.

Fish oil supplements are usually made from mackerel, herring, tuna, halibut, salmon, cod liver, whale blubber, or seal blubber. Fish oil supplements often contain small amounts of vitamin E to prevent spoilage. They might also be combined with calcium, iron, or vitamins A, B1, B2, B3, C, or D.

Fish oil is used for a wide range of conditions. It is most often used for conditions related to the heart and blood system. Some people use fish oil to lower blood pressure or triglyceride levels (fats related to cholesterol). Fish oil has also been tried for preventing heart disease or stroke. The scientific evidence suggests that fish oil really does lower high triglycerides, and it also seems to help prevent heart disease and stroke when taken in the recommended amounts. Ironically, taking too much fish oil can actually increase the risk of stroke.

Fish may have earned its reputation as "brain food" because some people eat fish to help with depression, psychosis, attention deficit-hyperactivity disorder (ADHD), Alzheimer's disease, and other thinking disorders.

Some people use fish oil for dry eyes, glaucoma, and age-related macular degeneration (AMD), a very common condition in older people that can lead to serious sight problems.

Women sometimes take fish oil to prevent painful periods; breast pain; and complications associated with pregnancy such as miscarriage, high blood pressure late in pregnancy, and early delivery.

Fish oil is also used for diabetes, asthma, developmental coordination disorders, movement disorders, dyslexia, obesity, kidney disease, weak bones (osteoporosis), certain diseases related to pain and swelling such as psoriasis, and preventing weight loss caused by some cancer drugs.

Fish oil is sometimes used after heart transplant surgery to prevent high blood pressure and kidney damage that can be caused by the surgery itself or by drugs used to reduce the chances that the body will reject the new heart. Fish oil is sometimes used after coronary artery bypass surgery. It seems to help keep the blood vessel that has been rerouted from closing up.

When fish oil is obtained by eating fish, the way the fish is prepared seems to make a difference. Eating broiled or baked fish appears to reduce the risk of heart disease, but eating fried fish or fish sandwiches not only cancels out the benefits of fish oil, but may actually increase heart disease risk.

Two of the most important omega-3 fatty acids contained in fish oil are eicosapentaenoic acid (EPA) and docosahexaenoic acid (DHA). See separate listings for EPA and DHA.

# Video and Cool Tools



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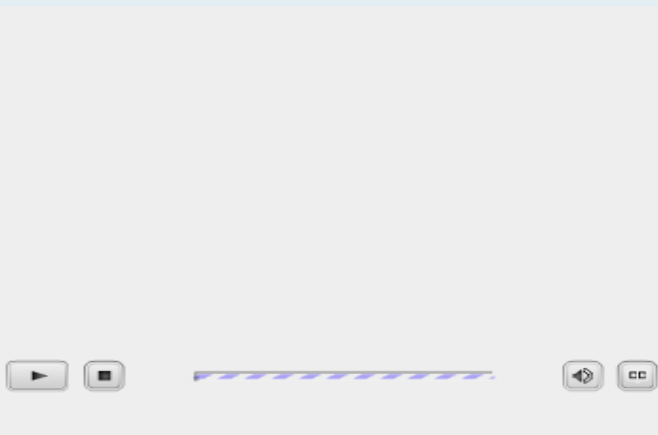
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# Tutorials

## Amyotrophic Lateral Sclerosis

Start Interactive Tutorial



This option starts the interactive multimedia tutorial, which includes questions.

Start Self Playing Tutorial



This option plays a self-running presentation.

Text Summary



This option opens a PDF file.

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[Herniated nucleus pulposus \(slipped disk\)](#)

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## Videos of Surgical Procedures

This page provides links to prerecorded webcasts of surgical procedures. These are actual operations performed at medical centers in the United States since 2004. **The videos last an hour.** Please note that you cannot send in questions by email, though the webcast may say that you can, because you are not seeing these videos live.

The videos are in Flash format. You will need Flash Player to view the programs. You can download Flash Player for free at [www.adobe.com/products/flashplayer](http://www.adobe.com/products/flashplayer).

The videos open in a second window. If you have a pop-up blocker, you will need to disable it to view the programs.



## Blood, Heart and Circulation

### Aortic Aneurysm

- [Aortic Aneurysm Repair](#) (Baptist Hospital, Miami, FL, 5/07/2009)
- [Repair of a Migrated Abdominal Aortic Aneurysm Endovascular Graft](#) (Barnes-Jewish Hospital, St. Louis, MO, 9/30/2005)
- [Transesophageal Echocardiogram \(TEE\)](#) (Shawnee Mission Medical Center, Merriam, KS, 2/17/2009)

### Angioplasty

- [Coronary Angioplasty Stent Placement](#) (Shawnee Mission Medical Center, Merriam, KS, 2/19/2009)

### Arrhythmia

- [Electrophysiological Study and Catheter Ablation with 3D Mapping](#) (Mercy Hospital, Miami, FL, 11/15/2007)
- [Paracardioscopic Ex-Maze](#) (FirstHealth Moore Regional Hospital, Pinehurst, NC, 07/09/2008)

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- مطالب از کیفیت و صحت علمی برخوردار است.
- موضوعات بهداشتی و پزشکی به ۴۳ زبان مختلف حتی فارسی.
- پیوند به پایگاه اطلاعاتی مدلاین برای جستجوی مقالات مرتبط با موضوع.

# ویژگی های دیگر

- امکان چاپ و ارسال مطالب
- وجود یک راهنمای آنلاین و بخش FAQ = سوالات متداول
- امکان عضویت در این مجموعه و ثبت نام برای خبرنامه و مجله مدلاین پلاس از طریق ایمیل
- امکان مشاهده و مرور شماره های مختلف مجله مدلاین پلاس

**OR** : Example: *Tylenol OR Acetaminophen*

**NOT or -** : Examples: *flu NOT bird* or *flu -bird*

**+** : Example: *+mammogram*

- ❖ when you want the word to appear in your search results exactly as you typed it it does not find resources that contain the words mammography or mammoplasty.

**\*** : Example: *mammo\** finds mammogram, mammography, etc.

- ❖ Use as a wildcard when you want the search engine to fill in the blank for you; you must enter at least three letters

**“** : Example, *“health services research”*

- ❖ you can search for a phrase by enclosing words in quotation marks.