



## *About MedlinePlus*

**<http://MedlinePlus.gov>**

**MedlinePlus<sup>®</sup>**  
Trusted Health Information for You

National Network of Libraries of Medicine, South Central Region  
Houston Academy of Medicine-Texas Medical Center Library  
1133 John Freeman Blvd.  
Houston, TX 77030

NLM Contract No.: N01-LM-1-3515

Course created by Heidi Sandstrom  
Updated April 2004 by Karen Vargas



## About MedlinePlus

<http://MedlinePlus.gov/>

- On October 22, 1998, the National Library of Medicine (NLM) launched a consumer health home page called MedlinePlus®.
- The site is designed to direct consumers to resources containing information that will assist them in researching their health questions.
- The pages are designed for educational use only and are not intended to replace advice from a health professional.
- These pages provide a carefully selected list of resources, not a comprehensive catalog.

Click on the MedlinePlus image on the right-hand side of the NLM home page at <http://www.nlm.nih.gov/>:



## MedlinePlus Home Page

MedlinePlus Health Information from the National Library of Medicine - Microsoft Internet Explorer

Address: <http://medlineplus.gov/>

Links: Contacts, HAM-TMC, Health, News, NNLN, States, Google

Skip navigation

**MedlinePlus®**  
Trusted Health Information for You

A service of the U.S. NATIONAL LIBRARY OF MEDICINE  
and the NATIONAL INSTITUTES OF HEALTH

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español

**Health Topics**  
Start here with over 650 topics on conditions, diseases and wellness

**Drug Information**  
About your prescription and over-the-counter medicines

**Medical Encyclopedia**  
Includes pictures and diagrams

**Dictionary**  
Spellings and definitions of medical words

**News**  
Health News from the past 30 days

**Directories**  
Find doctors, dentists and hospitals

**Other Resources**  
Local libraries, health organizations, international sites and more

**Current Health News**

- ▶ [Most Asthmatic Kids Not Prepared for Sports](#)
- ▶ [Older Adults' Chronic Pain May Dull Appetite](#)
- ▶ [More Evidence Found of How Vitamins Prevent Cancer](#)
- ▶ [More news](#)

**Featured Site**

 It's National Sleep Awareness Week. Take this [interactive sleep quiz](#) from the National Heart, Lung, and Blood Institute

**In the Spotlight**

With spring flowers come seasonal allergies. Learn more:

- ▶ Go to [Allergy](#).
- ▶ [Understanding and Treating Seasonal Allergies](#)
- ▶ [Fighting Seasonal Allergies](#)

**Interactive Tutorials**  
Over 165 slideshows with sound and pictures

**ClinicalTrials.gov**  
Studies for new drugs and treatments

**NIH SeniorHealth**  
Health information for older adults

▶ What's new on MedlinePlus?  
[Sign up now!](#)

▶ [Add MedlinePlus to your site](#)

▶ Take a [tour](#) of the site

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U.S. National Library of Medicine | National Institutes of Health | Department of Health & Human Services

Done

Start | Inboxes - Microsoft Ou... | Palm Desktop | medlineplusgovclass ... | MedlinePlus Healt... | Internet | 10:49 AM

## Current Health News

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Home Health Topics Drug Information Encyclopedia Dictionary **News** Directories Other Resources **español**

### News

The past 30 days of news from the New York Times Syndicate, Reuters Health Information and others.

Also see [health news by topic](#).

March: 31 [30](#) [29](#) [28](#) [27](#) [26](#) [25](#) [24](#) [23](#) [22](#) [21](#) [20](#) [19](#) [18](#) [17](#) [16](#) [15](#) [14](#) [13](#) [12](#) [11](#) [10](#) [9](#) [8](#) [7](#) [6](#) [5](#) [4](#) [3](#) [2](#)

March 2004

**Tuesday, March 30**

- o [Sleep Disorder Education Needed](#) (United Press International)
- o [Night Vision Goggles Can Detect Tumors](#) (United Press International)
- o [Millions at Risk for Aortic Aneurysm](#) (United Press International)
- o [Mosquitos Could Be Used to Fight Malaria](#) (United Press International)
- o [Artificial Proteins Can Help Tissue Repair](#) (United Press International)
- o [Researchers Uncover AIDS Vaccine Target](#) (United Press International)

**Monday, March 29** [Return to top](#)

- o [Breath Test Links Muscle and Bowel Conditions](#) (Reuters Health)
- o [Test Predicts When Preterm Delivery Is Unlikely](#) (Reuters Health)
- o [Prostate Cancer Therapy Not Tied to Colon Cancer](#) (Reuters Health)
- o [Treatment Offered for Blindness Disease](#) (United Press International)
- o [Mothers' Uncontrolled PKU Linked to Birth Defects](#) (Reuters Health)
- o [Aspirin May Help Fight Ovarian Cancer](#) (United Press International)
- o [Teens' STDs Often Not Treated Properly in ER](#) (Reuters Health)
- o [Depression Sufferers Fear Stigma at Work](#) (New York Times Syndicate)

- The home page of MedlinePlus is updated every weekday morning with health-related articles selected from the New York Times Syndicate, United Press International, Reuters Health Information and others.
- The Library has made special arrangements with the publishers to make the articles available for 30 days.
- Articles are not only listed on the home page, but each is linked to one or more of the "health topics" within MedlinePlus (for example, someone interested in diabetes will find a section called "Latest News" at the top of the diabetes page).
- In addition to highlighting important news items on the MedlinePlus home page, a complete list of news items from the last 30 days is also available via the "More news" link on the home page.
- You can search for news items by date or by health topic.
- NEW! You can now sign up for daily health news sent to you by e-mail Monday – Friday.

Exercise 1: Find a recent newspaper article under the topic *Drug and Medical Device Safety*.

## Health Topics

Information on over 650 conditions, diseases, and wellness topics

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### Health Topics

Find your topic by first letter:

<a href="#">A</a>	<a href="#">B</a>	<a href="#">C</a>	<a href="#">D</a>	<a href="#">E</a>	<a href="#">F</a>	<a href="#">G</a>	<a href="#">H</a>
<a href="#">I</a>	<a href="#">J</a>	<a href="#">K</a>	<a href="#">L</a>	<a href="#">M</a>	<a href="#">N</a>	<a href="#">O</a>	<a href="#">P</a>
<a href="#">Q</a>	<a href="#">R</a>	<a href="#">S</a>	<a href="#">T</a>	<a href="#">U</a>	<a href="#">V</a>	<a href="#">W</a>	<a href="#">XYZ</a>

Find your topic by broad group:

**Disorders and Conditions - Body Location/Systems**

- [Blood/Lymphatic System](#)
- [Bones, Joints and Muscles](#)
- [Brain and Nervous System](#)
- [Cancers](#)
- [Digestive System](#)
- [Ear, Nose, and Throat](#)
- [Endocrine System \(Hormones\)](#)
- [Eyes and Vision](#)
- [Genetics/Birth Defects](#)
- [Heart and Circulation](#)

**Procedures**

- [Complementary and Alternative Therapies](#)
- [Procedures and Therapies](#)
- [Symptoms and Manifestations](#)

**Demographic Groups**

- [Child and Teen Health](#)
- [Men's Health](#)
- [Population Groups](#)
- [Seniors' Health](#)
- [Women's Health](#)

**Interactive Health Tutorials**  
Learn from over 165 slideshows with sound and pictures

**Easy-to-Read**  
Health information in plain language

**Especially for low vision users**

**Frequently Requested Topics:**

- [Back Pain](#)
- [COPD \(Chronic Obstructive Pulmonary Disease\)](#)
- [Diabetes](#)
- [Dizziness and Vertigo](#)
- [Fibromyalgia](#)

## How to Find What You Want

- Frequently Requested Topics
- Alphabet Letter
- Broad Groups – allows you to browse topic categories
- List of All Topics, alphabetically
- Search Box – use when you can't find a page on your topic  
Spell Checking
- For health topics in Spanish, click on the **español** link from the Health Topics page. You can also use this link to toggle from an individual English language page to the same one in Spanish
- Interactive Health Tutorials – access the list of all tutorials available
- Easy to Read – access the list of all Easy to Read materials
- Especially for Low Vision Users – access the list of materials written in large print or with sound. This links to the Interactive Tutorials and to the NIHSeniorHealth topics.

## Topic Pages

**Medline Plus**  
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Search MedlinePlus

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español

Other health topics: [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](#) [List of All Topics](#)

### High Blood Pressure

Printer-friendly version | E-mail to a friend

**Contents of this page:**  
[News](#)  
[From the NIH](#)  
[General/Overviews](#)  
[Alternative Therapy](#)  
[Clinical Trials](#)  
[Diagnosis/Symptoms](#)  
[Disease Management](#)  
[Nutrition](#)  
[Pictures/Diagrams](#)  
[Prevention/Screening](#)  
[Research](#)  
[Specific Conditions/Aspects](#)  
[Treatment](#)  
[Organizations](#)  
[Statistics](#)

**Latest News**

- [ER Visits Identify Undiagnosed High Blood Pressure](#) (03/24/2004, Reuters Health)
- [Moderate Drinking Eases Blood Pressure](#) (03/19/2004, United Press International)
- [Home Blood Pressure Test Tests Best](#) (03/17/2004, United Press International)
- ['White Coat Hypertension' Common Among Sleep Apnea Patients](#) (03/08/2004, American College of Chest Physicians)
- [Melatonin May Have an Effect on Nocturnal Blood Pressure](#) (01/20/2004, American Heart Association)
- [More News on High Blood Pressure](#)

**From the National Institutes of Health**

- [Facts about ALLHAT: New Findings about Drugs to Lower High Blood Pressure and Cholesterol](#) (National Heart, Lung, and Blood Institute)
- [Your Guide to Lowering Blood Pressure](#) [Links to PDF File](#) (National Heart, Lung, and Blood Institute)
- [Your Guide to Lowering High Blood Pressure](#) (National Heart, Lung, and Blood Institute)

**General/Overviews**

- [Hypertension](#) [Interactive Tutorial](#) (Patient Education Institute) - requires Flash plug-in

**Interactive Tutorial**  
View slideshow on: [Hypertension](#)

**Go Local**  
Health services in: [Missouri](#), [North Carolina](#)  
[Other states coming - learn more](#)

The primary NIH organization for research on [High Blood Pressure](#) is the [National Heart, Lung, and Blood Institute](#)

- Latest Health News – past 30 days of news from trusted sources
- Clinical Trials – information about clinical research studies
- **Also available in:** – links to resources in Spanish.
- **Easy-to-Read** -- links to a site identified as “Easy to Read” by its parent institution.
- **Interactive Tutorial** -- starts an Interactive Tutorial, requiring a Flash plug-in.
- NIH Organization – links to the primary National Institutes of Health organization doing research on your topic.
- Go Local—takes you to local health resources. States will be added as they have comprehensive sites available.
- Related Pages – links to other topic pages/categories related to your topic
- **MEDLINE** Search – links to a preformulated search in **PubMed** for recent medical research articles

NCBI | PubMed | National Library of Medicine | NLM

Entrez | PubMed | Nucleotide | Protein | Genome | Structure | PMC | Journals | Books

Search PubMed for fatigue syndrome, chronic[majr] AND human[mh]. Go Clear

Limits | [Preview/Index](#) | [History](#) | [Clipboard](#) | [Details](#)

Limits: 2 Years

Display: Summary | Show: 20 | Sort: | Send to: Text

Page 1 of 2

Exercise 2: Find a diabetes dictionary.

## Interactive Health Tutorials

Series of interactive modules for patient education

Skip navigation



# MedlinePlus

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español

### Interactive Health Tutorials

The tutorials listed below are interactive health education resources from the [Patient Education Institute](#). Using animated graphics each tutorial explains a procedure or condition in easy-to-read language. You can also listen to the tutorial.

**NOTE:** These tutorials require a special Flash plug-in, version 4 or above. If you do not have Flash, you will be prompted to obtain a free download of the software before you start the tutorial.

- **Diseases and Conditions**
  - [Abdominal Aortic Aneurysm](#)
  - [Acne](#)
  - [Allergies to House Dust Mites](#)
  - [Alopecia](#)
  - [Amyotrophic Lateral Sclerosis \(ALS\)](#)
  - [Angina](#)
  - [Anthrax](#)
  - [Asthma](#)
  - [Arrhythmias](#)
  - [Arthritis](#)
  - [Atrial Fibrillation](#)
  - [Back Pain](#)
  - [Brain Cancer](#)
  - [Bells Palsy](#)
  - [Breast Cancer](#)

- **Tests and Diagnostic Procedures**
  - [Barium Enema](#)
  - [Bone Densitometry](#)
  - [Breast Lump - Biopsy](#)
  - [Colonoscopy](#)
  - [Colposcopy](#)
  - [Coronary Angiography and Angioplasty](#)
  - [CT Scan \(CAT Scan\)](#)
  - [Cystoscopy](#)
  - [Diagnostic Laparoscopy](#)
  - [Echocardiogram](#)
  - [Echocardiography Stress Test](#)
  - [Intravenous Pyelogram \(IVP\)](#)
  - [Knee Arthroscopy](#)
  - [Mammogram](#)
  - [MDI](#)

- Learn more about selected topics with sound and pictures.
- Each module takes about 10 minutes to review.
- Quizzes are included throughout to ensure the reader's comprehension of the facts.
- Uses animated graphics and explains a condition or procedure in easy-to read language.
- The user can also listen to the tutorial or print the text of each from a PDF file.
- The modules require a Flash plug-in, version 4 or above
- Tutorials are available in English and Spanish.

Hypertension
Credits and Terms

- Introduction
- Blood Pressure
- Hypertension
- Causes of Hypertension
- Complications of Hypertension
- Diagnosing Hypertension
- Controlling Hypertension
- Summary

Hypertension, or high blood pressure, is a very common condition that affects 1 out of 4 adults.



Quit
Comments

Volume

←
+
→

Repeat Page
▶

## Easy-to-Read

**Easy-to-Read beginning with "A"**

 Printer-friendly version
  E-mail to a friend

**Abdominal Pain**

- [Laparoscopy Interactive Tutorial](#) (Patient Education Institute) - requires Flash plug-in  
Also available in: [Spanish](#)

**Accidents**

- [Incision Care Interactive Tutorial](#) (Patient Education Institute) - requires Flash plug-in  
Also available in: [Spanish](#)

**Acne**

- [Acne Interactive Tutorial](#) (Patient Education Institute) - - requires Flash plug-in  
Also available in: [Spanish](#)

**African American Health**

- [Be Heart Smart! Eat Foods Lower in Saturated Fat and Cholesterol](#) (National Heart, Lung, and Blood Institute)
- [Embrace Your Health! Lose Weight if You are Overweight](#) (National Heart, Lung, and Blood Institute)
- [Empower Yourself Learn Your Cholesterol Number](#) (National Heart, Lung, and Blood Institute)
- [Energize Yourself Stay Physically Active](#) (National Heart, Lung, and Blood Institute)
- [High Blood Pressure in African American Women](#) (National Women's Health Information Center)

- Materials listed as easy-to-read or low literacy are designated as such by their creators. MedlinePlus does not determine the literacy level of materials.
- The Easy to Read topics page includes the Interactive Tutorials.

## Low Vision Users

**For Low Vision Users**

MedlinePlus provides these resources in two special formats:

1. Interactive health tutorials from the Patient Education Institute and
2. NIHSeniorHealth topics, indicated by the following image: 

Both formats feature large fonts, easy-to-read language, and audio to listen to on each page. We welcome your [comments](#) about these programs.

<ul style="list-style-type: none"> <li>• <b>Diseases and Conditions</b> <ul style="list-style-type: none"> <li>◦ <a href="#">Abdominal Aortic Aneurysm</a></li> <li>◦ <a href="#">Acne</a></li> <li>◦ <a href="#">Allergies to House Dust Mites</a></li> <li>◦ <a href="#">Alzheimer's Disease</a> </li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• <b>Tests and Diagnostic Procedures</b> <ul style="list-style-type: none"> <li>◦ <a href="#">Barium Enema</a></li> <li>◦ <a href="#">Bone Densitometry</a></li> <li>◦ <a href="#">Breast Lump - Biopsy</a></li> <li>◦ <a href="#">Colonoscopy</a></li> </ul> </li> </ul>
---	--

- Links to health tutorials or NIHSeniorHealth sites
- Has large text and black backgrounds for high contrast.
- Both include “read to me” features.

Exercise 3: Find a Spanish language interactive health tutorial on acne.

## Adam Health Illustrated Encyclopedia

The screenshot shows the MedlinePlus website interface. At the top, there is a purple header with the MedlinePlus logo and the text 'Trusted Health Information for You'. To the right, it says 'A service of the U.S. NATIONAL LIBRARY OF MEDICINE and the NATIONAL INSTITUTES OF HEALTH'. Below the header is a search bar labeled 'Search MedlinePlus' and a navigation menu with links for 'Home', 'Health Topics', 'Drug Information', 'Encyclopedia', 'Dictionary', 'News', 'Directories', and 'Other Resources'. A 'español' button is also visible.

The main content area is titled 'Medical Encyclopedia' and lists 'Other encyclopedia topics' with alphabetical links from A to Z. The selected article is 'High blood pressure'. Below the title, there are options for 'Printer-friendly version' and 'E-mail to a friend'. A 'Contents of this page:' section lists several links: 'Illustrations', 'Alternative names', 'Definition', 'Considerations', 'Common Causes', 'Home Care', 'Call your health care provider if', and 'What to expect at your health care provider's office'. At the bottom, there is an 'Illustrations' section with six small images and their corresponding labels: 'Monitoring', 'Untreated', 'Lifestyle', 'DASH diet', 'High blood', and 'Exercise can'.

- Includes over 4,000 articles from the adam.com medical encyclopedia.
- This encyclopedia brings health consumers an extensive library of **medical images** as well as thousands of articles about diseases, tests, symptoms, injuries, and surgeries.
- Every page in the encyclopedia is available in English and Spanish.
- Uses common language like “high blood pressure” instead of “hypertension”

Exercise 4: Find an article that talks about the positioning of the baby when breastfeeding.

**Resource Categories in Addition to Health Topics** – links to the categories below are found on every page of MedlinePlus:

[Health Topics](#) | [Drug Information](#) | [Encyclopedia](#) | [Dictionary](#) | [News](#) | [Directories](#) | [Other Resources](#) | [Home](#)

[Copyright](#) | [Privacy](#) | [Accessibility](#) | [Selection Guidelines](#)  
 U.S. National Library of Medicine | National Institutes of Health  
 Page last updated: 14 March 2003

## Drug Information

**Drug Information**

Information on thousands of prescription and over-the-counter medications is provided through two drug resources -- MedMaster™, a product of the [American Society of Health-System Pharmacists \(ASHP\)](#), and the USP DI® Advice for the Patient®, a product of the [United States Pharmacopeia \(USP\)](#).

**Browse by first letter of generic or brand name drug:**

<a href="#">A-Am</a>	<a href="#">An-Az</a>	<a href="#">B</a>	<a href="#">C-Ch</a>	<a href="#">Cl-Cz</a>	<a href="#">D-Dh</a>	<a href="#">Di-Dz</a>
<a href="#">E</a>	<a href="#">E</a>	<a href="#">G</a>	<a href="#">H</a>	<a href="#">I-J</a>	<a href="#">K-L</a>	<a href="#">M-Mh</a>
<a href="#">Mi-Mz</a>	<a href="#">N-Nh</a>	<a href="#">Ni-Nz</a>	<a href="#">O</a>	<a href="#">P-Pl</a>	<a href="#">Pm-Pz</a>	<a href="#">Q-R</a>
<a href="#">S-Sn</a>	<a href="#">So-Sz</a>	<a href="#">T-To</a>	<a href="#">Tp-Tz</a>	<a href="#">U-V</a>	<a href="#">W-Z</a>	<a href="#">0-9</a>

For additional drug information, see the MedlinePlus [Medicines](#) and [Drug and Medical Device Safety](#) pages.

The **Food and Drug Administration** provides late-breaking news on:

- [Consumer Drug Information](#)
- [Warnings, Recalls, and other Drug Information](#)
- Safety Information Summaries from MedWatch for years: [2000](#), [2001](#), [2002](#)

- Includes extensive information on thousands of prescription and over-the-counter drugs.
- Search for a drug by brand or generic name.
- Gives information about side effects, dosing, drug interactions, precautions, and storage for each drug.
- Because the articles are intended for the use of patients, they are written in non-technical language.
- Many of the drug articles are now available in Spanish through MedMaster.
- The information is provided in MedlinePlus through a special arrangement with the American Society of Health-System Pharmacists (ASHP), and the United States Pharmacopeia (USP).
- Makes available ASHP's MedMaster™ Patient Drug Information database, and USP's Drug Information (USP DI®), Volume II, Advice for the Patient®.

**Metoprolol Oral**

 [Printer-friendly version](#)  [E-mail to a friend](#)

(me toe' proe lole)

Brand name(s): Lopressor; Toprol XL

**Contents of this page:**

- [Why is this medication prescribed?](#)
- [How should this medicine be used?](#)
- [What special precautions should I follow?](#)
- [What special dietary instructions should I follow?](#)
- [What should I do if I forget a dose?](#)
- [What side effects can this medication cause?](#)
- [What storage conditions are needed for this medicine?](#)
- [In case of emergency/overdose](#)
- [What other information should I know?](#)

**IMPORTANT WARNING:**

Do not stop taking metoprolol without talking to your doctor first. If metoprolol is stopped suddenly, it may cause chest pain or heart attack in some people.

Exercise 5: Is it safe to eat grapefruit while taking Haldol?

## Dictionary





### Medical Dictionary

One entry found for **myocardium**.

Main Entry: **myo·car·di·um**  
Pronunciation: m - - kārd- - m  
Function: *noun*  
Inflected Form(s): *plural* **myo·car·dia** /- - /  
: the middle muscular layer of the heart wall

Search here for another word:

➔ SEARCH



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Pronunciation Key

- Spellings, definitions and pronunciation of medical terms in layman's terms.
- Suggestions for misspelled words.

## Directories – Locations and credentials of doctors, dentists and hospitals

### Directories

#### General Doctors and Dentists

- [ADA Find a Dentist Member Directory](#) (American Dental Association)
- [AMA Physician Select: Online Doctor Finder](#) (American Medical Association)
- [American Podiatric Medical Association: Member Locator](#) (American Podiatric Medical Association)
- [DocFinder](#) (Association of State Medical Board Executive Directors) - health professional licensing listings by state.
- [Find a Dentist](#) (Academy of General Dentistry)
- [Medicare Participating Physician Directory](#) (Centers for Medicare & Medicaid Services)

#### Doctor/Dentist Specialists

- [ACOG's Physician Directory](#) (American College of Obstetricians and Gynecologists)
- [AGLP Referral Service](#) (Association of Gay and Lesbian Psychiatrists)
- [American Academy of Pediatrics Pediatrician Referral Service](#) (American Academy of Pediatrics)
- [American College of Phlebology - Online Database](#) (American College of Phlebology)
- [American Osteopathic Association D.O. Database](#) (American Osteopathic Association)
- [AOSSM Directory: Find a Doctor](#) (American Orthopaedic Society for Sports Medicine)
- [Cancer Genetics Services Directory](#) (National Cancer Institute)

Exercise 6: Find a periodontist in your area who does dental implants.

**Other Resources** – Provides links to other health information resources, including organizations, consumer health libraries, international sites, databases, MEDLINE, and more

**Other Resources**

**Libraries**  
Consumer health libraries providing services to local residents

**Organizations**  
A collection of organizations providing health information

**Government health sites from other nations**  
Consumer health resources from [NHS Direct](#) (UK), [Canadian Health Network](#) (Canada) and [HealthInsite](#) (Australia)

**Databases**  
Resources beyond MedlinePlus covering special topics and collections

**MEDLINE**  
MEDLINE is the National Library of Medicine's database of references to more than 11 million articles published in 4600 biomedical journals. When you search MEDLINE:

- You will find information about articles on your topic (the author, title of the article, name of the journal, date published, page numbers)
- Many of the listings also have short summaries of the article (abstracts)

- Provides links to consumer health libraries around the country.
- Provides links to organizations that provide reliable health information.
- Has government health sites from other nations.
- Has links to other databases outside of MedlinePlus
  - includes a glossary of medical terms in eight European languages.
  - Includes the Merck Manual – Home Edition
  - Includes other federal government websites
- Links to Medline, the largest database of biomedical journal citations in the world.

Exercise 7: Find the Website of the *Agency for Healthcare Research and Quality*. Does the site have consumer materials in Spanish?

**MedlinePlus en Español** – A single click of the **español** link will take you to health topics, news, medical encyclopedia pages, drug information, and interactive health tutorials in Spanish. Many resources in English have corresponding Spanish language versions.

**MedlinePlus**  
Información de Salud para Usted

**Temas de Salud**  
Comience su búsqueda en esta sección para encontrar información sobre diversas condiciones, enfermedades y

**Noticias de Salud**  
▶ [Ejercicios aeróbicos intensos son perjudiciales para personas sin condición](#)

**Últimas Novedades**  
¡Es hora de eliminar la tuberculosis! El día mundial de la tuberculosis 24 de marzo de

## About MedlinePlus Page

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### About MedlinePlus

**Dr. Donald A.B. Lindberg, Director, National Library of Medicine**

View Dr. Lindberg's [welcome](#) (Quicktime video 1.2 MB, 51 seconds)

Welcome to MedlinePlus, a goldmine of good health information from the world's largest medical library, the National Library of Medicine. Health professionals and consumers alike can depend on it for information that is authoritative and up to date. MedlinePlus has extensive information from the National Institutes of Health and other trusted sources on over 650 diseases and conditions. There are also lists of hospitals and physicians, a medical encyclopedia and a medical dictionary, health information in Spanish, extensive information on prescription and nonprescription drugs,

**Information about MedlinePlus:**

- [How we select materials](#)
- [Frequently Asked Questions \(FAQs\)](#)
- [Awards and press recognition](#)
- [Milestones](#)
- [General Information](#)

### How we select materials

- Quality, authority and accuracy of content
- The purpose of the Web page is educational and is not selling a product or service. Most content is available at no charge.
- Availability and maintenance of the Web page
- Special features – includes providing unique information, access to persons with disabilities

### Linking to MedlinePlus

- You may link to MedlinePlus, its topic pages, or to the homepages of the Medical Encyclopedia, Drug Information, or Interactive Health Tutorials from your website.
- Images and text are provided to assist you in coding your html links to MedlinePlus.

**MedlinePlus Email Announcement Lists** – to receive weekly updates containing links to new consumer health information topics and sites or daily updates of health news.

**Guide to Health Web Surfing** – an article on how to evaluate the quality of health information on websites.

**MedlinePlus Tour** – online introduction to key features of MedlinePlus. Requires Flash.



**Question: What is the difference between MedlinePlus, MEDLINE and PubMed?**

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**Answer:****• MedlinePlus:**

- contains pages of carefully selected links to Web resources with authoritative health information, including dictionaries, directories, organizations, news sources and over 650 health topics.
- provides access to medical information via the [adam.com medical encyclopedia](#) and drug information via the United States Pharmacopeia's Drug Information Volume II, "[Advice for the Patient](#) ®," and MedMaster™, a product of the [American Society of Health-System Pharmacists \(ASHP\)](#).
- Contains the latest news from major news agencies, searchable by date or health topic.

**• MEDLINE:**

- is a database of over 12 million article references published in more than 4,600 biomedical journals and magazines.
- can be [searched for FREE](#) using NLM's [PubMed](#) search system.

**• PubMed:**

- is a Web-based search system, produced by NLM's National Center for Biotechnology Information (NCBI), which allows users to access a superset of NLM's MEDLINE database containing MEDLINE, in-process citations and articles from selectively indexed journals that normally would not be selected for MEDLINE indexing.
- provides links to some full-text journal articles via publishers' Web pages.
  - Publisher access to articles varies by publisher--some provide access free, others charge for the article or require a subscription.