

Expanding the Reach of MedlinePlus

Loren Frant

January 12, 2010



MedlinePlus Content

The screenshot shows the MedlinePlus website interface. At the top, it says "MedlinePlus® Trusted Health Information for You" and "A service of the U.S. NATIONAL LIBRARY OF MEDICINE and the NATIONAL INSTITUTES OF HEALTH". There is a search bar and navigation links like "About MedlinePlus", "Site Map", "FAQs", and "Contact Us". The main content area is divided into several sections: "Health Topics", "Drugs & Supplements", "Medical Encyclopedia", "Dictionary", "News", "Directories", "Go Local", "Other Resources", and "Multiple Languages". On the right, there are sections for "Current Health News", "Featured Site" (with a "FLU.GOV" widget), "Interactive Tutorials", "ClinicalTrials.gov", "NIH Senior Health", and "Surgery Videos". A sidebar on the right contains "What's New", "Director's Comments", "NIH MedlinePlus Magazine", "E-mail Updates and RSS", "Search Cloud", and "Follow Us on Twitter".

814 English
778 Spanish

~1,000
monographs

~3500 articles
>2,000 images

15-20 stories
added daily

Over 100
directories
of doctors,
hospitals,
clinics &
libraries

34 sites
46% of U.S. population

>40 languages
>250 topics
>3,000 links

2 RSS feeds
13 daily & weekly listservs

14 English issues
2 bilingual issue

172 tutorials

1,103 links

42 topics

126 English
5 Spanish

Weekly podcast



MedlinePlus
U.S. National Library of Medicine

Profile Find People Settings Help Sign out



Verified Account

✓ Following 3

Lists ⚙

Nearly 5% of Baby Boomers still do illegal drugs as seniors, according to a new government report: <http://bit.ly/8qYkUE>

18 minutes ago from TweetDeck

Body fat may help teen girls build bone mass & protect them from osteoporosis later in life <http://bit.ly/4GUI7j>

11:46 AM Jan 9th from HootSuite

2:07 PM Jan 8th from HootSuite

Do you trust the calorie counts on food labels? New research says they can be highly inaccurate <http://bit.ly/6V6wTU>

11:47 AM Jan 8th from TweetDeck

Web <http://medlineplu...>

Bio Latest news & information on health & medicine. Tweets are not medical advice.

1,336
followers

Actions

block medlineplus4you
report for spam

Following



View all...

RSS feed of
medlineplus4you's tweets

Popular @medlineplus4you Tweets

Smartphone apps may spur obsessive calorie counting & eating disorders in teens <http://bit.ly/73Ot2U>

4:06 PM Dec 29th, 2009 from HootSuite

Bottled-up anger @ work may double men's heart attack risk <http://bit.ly/62Z5zq>

11:33 AM Nov 24th, 2009 from TweetDeck

Can't sleep? Find out what the science says on alternative therapies that may relieve insomnia <http://bit.ly/5oIVKw>

11:15 PM Dec 28th, 2009 from HootSuite

Don't let diabetes get you down this week. Enjoy Thanksgiving w/ these holiday tips for diabetics <http://bit.ly/7vWdQF>

8:44 AM Nov 23rd, 2009 from TweetDeck

Do you walk on the wild side? If you're considering piercings or tattoos, know the facts b4 you go <http://bit.ly/jpFvx>

6:35 PM Nov 6th, 2009 from HootSuite





U.S. Mobile Internet Users April 2009

Source: Nielsen Mobile

Mobile MedlinePlus

The screenshot shows the desktop version of the MedlinePlus website. The browser window title is "MedlinePlus Health Information from the National Library of Medicine - Mozilla Firefox". The address bar shows "http://medlineplus.gov/". The website header includes the MedlinePlus logo and the text "A service of the U.S. NATIONAL LIBRARY OF MEDICINE and the NATIONAL INSTITUTES OF HEALTH". Below the header is a search bar and navigation links: "About MedlinePlus | Site Map | FAQs | Contact Us" and "español". The main content area is organized into several columns:

- Health Topics:** Start here with 800 topics on conditions, diseases and wellness.
- Drugs & Supplements:** About your prescription and over-the-counter medicines, herbs and supplements.
- Medical Encyclopedia:** Includes pictures and diagrams.
- Dictionary:** Spellings and definitions of medical words.
- News:** Current health news and press announcements.
- Directories:** Find doctors, dentists and hospitals.
- Go Local:** A service for finding local resources for health-related issues.
- Other Resources:** Local health services, libraries, organizations, international sites and more.
- Multiple Languages:** Health information in over 40 languages.

Other sections include:

- Current Health News:** Obesity Causes 100,000 US Cancer Cases; Germs Mingle Most on Palms, Feet, Forearms; Researchers Discover Mutations in Two Genes that Cause Early-Onset Inflammatory Bowel Disease.
- Interactive Tutorials:** Over 165 slideshows with sound and pictures.
- ClinicalTrials.gov:** Studies for new drugs and treatments.
- NHSeniorHealth:** Health information for older adults.
- Surgery Videos:** Videos of surgical procedures.
- Featured Site:** COPD Learn More Breathe Better. From the National Heart, Lung, and Blood Institute. November is COPD Awareness Month.
- In the Spotlight:** Have a question about hearing aids? Find the answers at Hearing Aids topic page; Hearing aid information from the Food and Drug Administration.
- What's New:** Director's Comments; NIH MedlinePlus Magazine; E-mail Updates and RSS; Search Cloud; Follow Us on Twitter.

At the bottom, there is a footer with links for Disclaimers, Copyright, Privacy, Accessibility, and Quality Guidelines, and contact information for the U.S. National Library of Medicine, 6600 Rockville Pike, Bethesda, MD 20894.



The screenshot shows the mobile version of the MedlinePlus website displayed on a smartphone. The interface is adapted for a smaller screen, with a search bar at the top and a grid of content blocks below. The content is similar to the desktop version but condensed:

- Health Topics:** Start here with 800 topics on conditions, diseases and wellness.
- Drugs & Supplements:** About your prescription and over-the-counter medicines, herbs and supplements.
- Medical Encyclopedia:** Includes pictures and diagrams.
- Dictionary:** Spellings and definitions of medical words.
- News:** Current health news and press announcements.
- Directories:** Find doctors, dentists and hospitals.
- Go Local:** A service for finding local resources for health-related issues.
- Other Resources:** Local health services, libraries, organizations, international sites and more.
- Multiple Languages:** Health information in over 40 languages.

Other sections include:

- Current Health News:** Obesity Causes 100,000 US Cancer Cases; Germs Mingle Most on Palms, Feet, Forearms; Researchers Discover Mutations in Two Genes that Cause Early-Onset Inflammatory Bowel Disease.
- Interactive Tutorials:** Over 165 slideshows with sound and pictures.
- ClinicalTrials.gov:** Studies for new drugs and treatments.
- NHSeniorHealth:** Health information for older adults.
- Surgery Videos:** Videos of surgical procedures.
- Featured Site:** COPD Learn More Breathe Better. From the National Heart, Lung, and Blood Institute. November is COPD Awareness Month.
- In the Spotlight:** Have a question about hearing aids? Find the answers at Hearing Aids topic page; Hearing aid information from the Food and Drug Administration.
- What's New:** Director's Comments; NIH MedlinePlus Magazine; E-mail Updates and RSS; Search Cloud; Follow Us on Twitter.

At the bottom, there is a footer with links for Disclaimers, Copyright, Privacy, Accessibility, and Quality Guidelines, and contact information for the U.S. National Library of Medicine, 6600 Rockville Pike, Bethesda, MD 20894.

Web Site



App



Device Diversity





Content



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

FAQs | Site Map | About MedlinePlus | Contact Us

Home | Health Topics | Drugs & Supplements | Encyclopedias | Dictionary | News | Directories | Other Resources

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 XYZ List of All Topics

Asthma

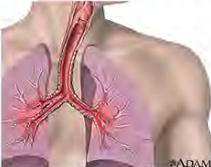
Asthma is a chronic disease that affects your airways. Your airways are tubes that carry air in and out of your lungs. If you have asthma, the inside walls of your airways become sore and swollen. That makes them very sensitive, and they may react strongly to things that you are **allergic** to or find irritating. When your airways react, they get narrower and your lungs get less air. This can cause wheezing, coughing, chest tightness and trouble breathing, especially early in the morning or at night.

When your asthma symptoms become worse than usual, it's called an asthma attack. In a severe asthma attack, the airways can close so much that your vital organs do not get enough oxygen. People can die from severe asthma attacks.

Asthma is treated with two kinds of medicines: quick-relief medicines to stop asthma symptoms and long-term control medicines to prevent symptoms.

National Heart, Lung, and Blood Institute

Printer-friendly version E-mail to a friend



Encyclopedia

- [Asthma](#)
- [Asthma - control drugs](#)
- [Asthma - quick-relief drugs](#)
- [Asthma - what to ask the doctor - adult](#)
- [Exercise-induced asthma](#)
- [How to use a nebulizer](#)
- [How to use an inhaler - no spacer](#)
- [How to use an inhaler - with spacer](#)
- [How to use your peak flow meter](#)
- [Make peak flow a habit!](#)

Related Topics

- [Air Pollution](#)
- [Allergy](#)
- [Asthma in Children](#)
- [Breathing Problems](#)
- [Indoor Air Pollution](#)
- [Immune System](#)
- [Lungs and Breathing](#)

Basics

- [Overviews](#)
- [Latest News](#)
- [Diagnosis/Symptoms](#)
- [Treatment](#)
- [Prevention/Screening](#)

Learn More

- [Alternative Therapy](#)
- [Nutrition](#)
- [Disease Management](#)
- [Specific Conditions](#)
- [Related Issues](#)

Multimedia & Cool Tools

- [Health Check Tools](#)
- [Tutorials](#)
- [Videos](#)

Research

- [Clinical Trials](#)
- [Research](#)
- [Journal Articles](#)

Reference Shelf

- [Dictionaries/Glossaries](#)
- [Directories](#)
- [Organizations](#)
- [Statistics](#)

For You

- [MedlinePlus Magazine](#)
- [Women](#)
- [Seniors](#)

Overviews

- [Asthma](#) (Centers for Disease Control and Prevention)
- [Asthma](#) (Mayo Foundation for Medical Education and Research)
- [Asthma Facts](#) (American Academy of Allergy, Asthma, and Immunology)
- [Breath of Life NIH](#) (National Library of Medicine)
- [What Is Asthma?](#) (Environmental Protection Agency, Office of Air and Radiation)

Latest News

- [Asthma Combo Seems Less Influenced By Genes](#) (11/19/2009, HealthDay)
- [The Pill May Reduce Asthma Symptoms](#) (11/13/2009, HealthDay)
- [Better Ventilation May Ease Some Asthma Symptoms](#) (11/13/2009, Reuters Health)
- [Asthma and 2009 H1N1 Flu](#) (11/03/2009, Centers for Disease Control and Prevention)
- [NIH Prepares to Launch 2009 H1N1 Influenza Vaccine Trial in People with Asthma](#) NIH (10/09/2009, National Institute of Allergy and Infectious Diseases)
- [More News on Asthma](#)

Diagnosis/Symptoms

- [Asthma: Steps in Diagnosis](#) (Mayo Foundation for Medical Education and Research)
- [Cough](#) (American Academy of Family Physicians)
- [Is Your Asthma Allergic?](#) (American Academy of Allergy, Asthma, and Immunology)
- [Lung Function Tests NIH](#) (National Heart, Lung, and Blood Institute)
- [Spirometry](#) (National Lung Health Education Program)

Treatment

- [AAAAI Allergy and Asthma Drug Guide](#) (American Academy of Allergy, Asthma, and Immunology)
- [Albuterol Inhalers: Time to Transition](#) (Food and Drug Administration)

Also available in [Spanish](#)

- [FDA Safety Update: Asthma Medications](#) (Food and Drug Administration)

Go Local

Services and providers for **Asthma** in the U.S.

Select Location

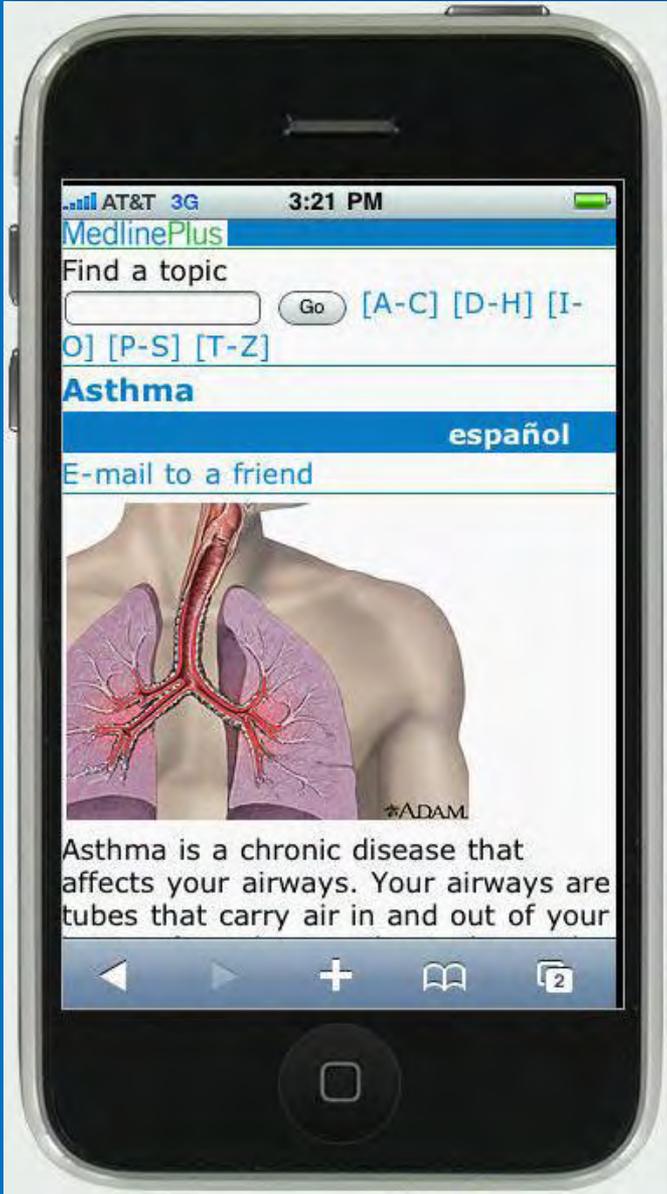
Select from map

National Institutes of Health

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

Languages

- [Bosnian](#) (Bosanski)
- [Chinese - Simplified](#) (简体中文)
- [French](#) (français)
- [Hindi](#) (हिन्दी)
- [Japanese](#) (日本語)
- [Korean](#) (한국어)
- [Portuguese](#) (português)
- [Russian](#) (Русский)
- [Somali](#) (af Soomaali)



The image shows a smartphone displaying the MedlinePlus website for Asthma. The phone's status bar at the top shows 'AT&T 3G' and '3:21 PM'. The website header includes the MedlinePlus logo and a search bar with the text 'Find a topic'. Below the search bar are navigation links: '[A-C] [D-H] [I-O] [P-S] [T-Z]'. The main heading is 'Asthma' with a sub-heading 'español'. There is a link for 'E-mail to a friend'. A large anatomical diagram of the human respiratory system is shown. Below the diagram, the text reads: 'Asthma is a chronic disease that affects your airways. Your airways are tubes that carry air in and out of your'. The phone's home button and a notification icon are visible at the bottom.

Testing



esting



(BES) BlackBerry 8100 (P...

✓ online



(BES) BlackBerry 8310 (P...

✓ online



(BES) BlackBerry 8900 (C...

✓ online



(BES) BlackBerry 9000 (C...

✓ online



Apple iPhone

✓ online



BlackBerry 8800

✓ online



BlackBerry 8820

✓ online



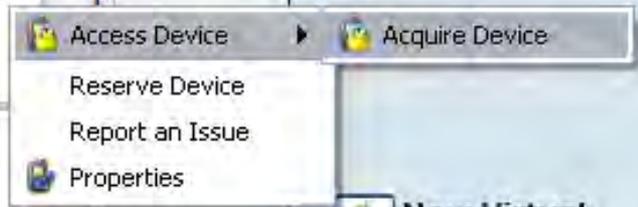
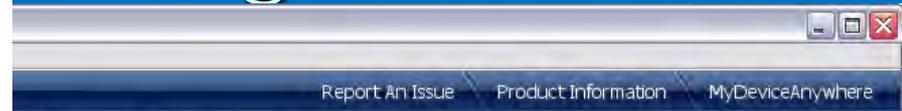
BlackBerry 8820

✓ online



BlackBerry 8900 (Curve)

✓ online



New Virtual Developer Labs

Virtual Developer Labs

Thu, Dec 3, 9 AM - 10 AM PDT

DeviceAnywhere Test Automation Training Webinar
Click on the below link to register today!
[Wed, Nov 18, 7 AM - 8 AM PDT](#)
[Wed, Dec 2, 8 AM - 9 AM PDT](#)
[Wed, Dec 9, 10 AM - 11 AM PDT](#)

verizon wireless
New Verizon Virtual Developer Lab

virgin mobile
New Virgin Mobile Virtual Developer Lab

New Devices

- Motorola CLIQ on T-Mobile (US)
- HTC Hero and Samsung Moment on Sprint
- HTC Dream on Orange (France) & Telefonica (Spain)
- LG Prada 2 & Touch 3G on Orange UK
- Samsung Intrepid (i350) on Sprint

Package Updates

promotions@deviceanywhere.com

*A service is one use scenario on a single device. The promotion expires December 1st, 2009.

DeviceAnywhere Studio 4.2 (Bri
File Mode Audio View Options Help

Device Acc

You have used:
As of: Nov 9, 200

Select Package:
[US] AT&T VDL



Device Access



Record Playback



Automation



Monitoring



Proof Center

BlackBerry
✓ onli

BlackBerry
🔒 acc

BlackBerry
✓ onli

BlackBerry
✓ onli

BlackBerry

BlackBerry 8820



MyDeviceAnywhere





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

Preview available now

Public release on Jan 14

Thank You

Loren Frant

frantl@nlm.nih.gov

