

HIV/AIDS Resources

Presented by Karen Falconer

November 29, 2007

Goal

Locate information on HIV/AIDS for research reports and general knowledge using resources from the National Library of Medicine.

Objectives

- Students will be able to identify the main content areas of the AIDSinfo, NLM AIDS portal, MedlinePlus, and PubMed Web sites.
- Students will be able to locate specific sources using one or all of the NLM Web sites.
- Students will be able to distinguish the differences in the information found within each site.

I want to know more about...

Resources from the National Library of Medicine

AIDSinfo

NLM AIDS Pages

MedlinePlus

PubMed

AIDSinfo



A Service of the U.S. Department of Health and Human Services

Offering information on HIV/AIDS Treatment, Prevention, and Research

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[Guidelines](#)

[Drugs](#)

[Clinical Trials](#)

[Vaccines](#)

[Health Topics](#)

[AIDSinfo Tools](#)



GUIDELINES NEW

- ▶ Treatment / Prevention
- ▶ About the HIV Treatment Guidelines
- ▶ Download / Order
- ▶ PDA Tools



DRUGS

- ▶ Search the Drug Database
- ▶ FDA-Approved Drugs
- ▶ Investigational Drugs



CLINICAL TRIALS

- ▶ Search for Clinical Trials
- ▶ New HIV/AIDS Trials



VACCINES

- ▶ Preventive HIV Vaccines
- ▶ Therapeutic HIV Vaccines
- ▶ Search for Vaccine Trials



HEALTH TOPICS

- ▶ Resources on Treatment, Prevention, Staying Healthy with HIV, Coinfections, Special Populations, and more
- ▶ Fact Sheets



AIDSINFO TOOLS

- ▶ Live Help
- ▶ Order Publications
- ▶ PDA Tools
- ▶ HIV/AIDS Glossary
- ▶ Tour the Site

Highlights & Features

- Updated Pediatric Guidelines--October 26, 2006
- Food and Drug Administration Approved New 300 mg Capsule Form of Reyataz--October 16, 2006
- Updated Perinatal Guidelines--October 12, 2006
- Updated Adult Guidelines--October 10, 2006
- More News...





GUIDELINES **NEW**

- ▶ Treatment / Prevention
- ▶ About the HIV Treatment Guidelines
- ▶ Download / Order
- ▶ PDA Tools

Guidelines

Documents used by physicians that describe the Government approved treatment regimens used to treat patients with HIV.

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Search: **Go**

Guidelines | Drugs | Clinical Trials | Vaccines | Health Topics | AIDSinfo Tools

Home > Clinical Guidelines

Clinical Guidelines

The U.S. Department of Health and Human Services (HHS) issues guidelines documents for the medical management of HIV infection and issues surrounding HIV infection. The guidelines documents are periodically reviewed and updated by panels of HIV experts. Please check back often for updates.

For e-mail notification of guidelines updates, please subscribe to AIDSinfo E-News [here](#).

Please select a guideline from the menu to the left

OR

Search for a Guidelines Document **Go**

(Only the most current versions of the guidelines will be retrieved.)

Guidelines News

- Updated Pediatric Guidelines--October 26, 2006
- Updated Perinatal Guidelines--October 12, 2006
- Updated Adult Guidelines--October 10, 2006
- Community Member Sought for the DHHS Panel on Adult Guidelines--August 25, 2006
- DHHS Seeks Nominations for New Members of Adult Guidelines Panel--August 25, 2006

[more >](#)

More About Guidelines

[more >](#)

Related Website Links

- National Library of Medicine AIDS Portal
- National Clinicians' Post-Exposure Prophylaxis Hotline (PEPline)
- National Perinatal Hotline

[more >](#)

Clinical Guidelines Search

- **Antiretroviral Treatment**
 - Adult and Adolescent Guidelines
 - Pediatric Guidelines **NEW**
- **Maternal-Child Transmission**
 - Perinatal Guidelines **NEW**
- **Post-Exposure Prophylaxis**
 - Health-Care Worker Exposure Guidelines
 - Nonoccupational Exposure Considerations
- **Management of HIV Complications**
 - Tuberculosis Guidelines
 - Prevention of Opportunistic Infections Guidelines
 - Treatment of Opportunistic Infections Guidelines
 - Incorporation of HIV Prevention
- **Testing**
 - Revised Guidelines for Counseling, Testing, and Referral
- **Archives**
 - Previous Versions



DRUGS

- ▶ Search the Drug Database
- ▶ FDA-Approved Drugs
- ▶ Investigational Drugs

Drugs

Detailed descriptions available in easy-to-read text, professional text, and Spanish about drugs taken to treat HIV.

The screenshot shows the AIDSinfo website with a blue header and navigation tabs. The main content area is titled 'AIDSinfo Drug Database' and includes a search form with fields for Drug Name, Class, and Approval, along with 'Search' and 'Reset' buttons. A 'Live Help' button and a search bar are also visible. The left sidebar contains a 'Drug Database Search' menu with categories like 'Drug RSS Feeds' and 'FDA-approved Drugs'. The right sidebar features 'Drug News', 'More About Drugs', and 'Related Website Links' sections.

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Search: **Go**

Guidelines | **Drugs** | **Clinical Trials** | **Vaccines** | **Health Topics** | **AIDSinfo Tools**

Home > Search Drugs

AIDSinfo Drug Database

RSS **En Español**

The AIDSinfo Drug Database provides fact sheets on HIV/AIDS related drugs. The fact sheets describe the drug's use, pharmacology, side effects, and other information. The database includes:

- Approved and investigational HIV/AIDS related drugs
- Three versions of each fact sheet: patient, health professional, and Spanish.

Search the Drug Database

Drug Name:

Drug Class:

Drug Approval:

Alphabetical Search

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

Drug News

- NIH Release--New Paradigm Will Help Identify Leads for Drug Discovery--July 24, 2006
- FDA Approves the First Once-a-Day Three-Drug Combination Tablet for Treatment of HIV-1--July 12, 2006

[more >](#)

More About Drugs

- Drugs Used to Treat Complications of HIV/AIDS - approved by FDA
- Antiretroviral Drug Toxicities Chart

[more >](#)

Related Website Links

- Database for Anti-HIV Compounds
- ChemIDplus
- What is RSS?

[more >](#)

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Search: **Go**

Guidelines | **Drugs** | **Clinical Trials** | **Vaccines** | **Health Topics** | **AIDSinfo Tools**

Home > Drugs > Abacavir/Lamivudine

Abacavir/Lamivudine Print the Patient Version
 Abacavir/Lamivudine (a-BAK-a-veer, la-MI-vyoo-deen) (PDF)

Patient Version | Health Professional Version | Spanish Version | More About This Drug

Brand Name: Epzicom
 Drug Class: Nucleoside Reverse Transcriptase Inhibitors

Epzicom is a combination of two antiretroviral drugs: abacavir sulfate (Ziagen) and lamivudine (Epivir). Both of these drugs are nucleoside reverse transcriptase inhibitors (NRTIs). NRTIs block reverse transcriptase, a protein that HIV needs to make more copies of itself.

HIV/AIDS-Related Uses

Abacavir sulfate and lamivudine are approved individually by the FDA for the treatment of HIV infection in adults and children. Because these two medicines are frequently prescribed together, the manufacturer combined these two drugs into one tablet. Epzicom was approved by the FDA on August 2, 2004, for treatment of HIV infection in adults. Epzicom should be used in combination with other types of anti-HIV drugs.

Epzicom does not cure or prevent HIV infection or AIDS, and does not reduce the risk of passing the virus to other people.

Patient Version – Drug descriptions written in easy-to-read text.

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 Offering information on HIV/AIDS Treatment, Prevention, and Research

Live Help | Subscribe to AI E-News | Español | New to our site? Start Here

Search: **Go**

Guidelines | **Drugs** | **Clinical Trials** | **Vaccines** | **Health Topics** | **AIDSinfo Tools**

Home > Drugs > Abacavir/Lamivudine

Abacavir/Lamivudine Print the Health Professional Version
 Abacavir/Lamivudine (a-BAK-a-veer, la-MI-vyoo-deen) (PDF)

RSS Feed **RSS**

Health Professional Version | Patient Version | Spanish Version | More About this Drug

Brand Name: Epzicom
 Drug Class: Nucleoside Reverse Transcriptase Inhibitors

Drug Description

Abacavir sulfate/lamivudine (Epzicom) is a fixed-dose tablet containing two nucleoside reverse transcriptase inhibitors (NRTIs): abacavir sulfate and lamivudine. Each tablet contains 600 mg of abacavir sulfate and 300 mg of lamivudine.^[1]

HIV/AIDS-Related Uses

Epzicom was approved by the FDA on August 2, 2004, for combined use with other antiretroviral agents in the treatment of HIV-1 infection. When used as part of a three-drug HIV treatment regimen, Epzicom should be used with antiretroviral agents from different pharmacological classes, and not with other NRTIs.^{[2][3]}

Health Professional Version – Drug information using medical terminology

Home > Drugs > Abacavir/Lamivudine

Abacavir/ Lamivudina

Imprimir la versión simple (PDF) 

[Patient Version](#) | [Health Professional Version](#) | **Versión simple en español** | [More About This Drug](#)

Marca Comercial: **Epzicom**

Clase de medicamento: **Inhibidor de la transcriptasa inversa análogo de los nucleósidos**

El Epzicom es una combinación de dos medicamentos antirretrovirales, a saber, sulfato de abacavir (Ziagen) y lamivudina (Epivir). Estos dos medicamentos son inhibidores de la transcriptasa inversa análogos de los nucleósidos (NRTI). Estos productos bloquean la transcriptasa inversa, una proteína que necesita el VIH para multiplicarse.

Formas de empleo para el tratamiento del VIH/SIDA

El sulfato de abacavir y la lamivudina han sido autorizados individualmente por la Administración de Alimentos y Medicamentos (FDA) para el tratamiento de la infección por el VIH en adultos y niños. Puesto que estos dos medicamentos suelen recetarse juntos, el fabricante ha combinado estos dos medicamentos en una sola tableta. El Epzicom fue autorizado por la FDA el 2 de agosto de 2004 para el tratamiento de la infección por el VIH en adultos. Debe emplearse junto con otros tipos de medicamentos contra el VIH.

- Drug Database Search
- Drug RSS Feeds
- FDA-approved Drugs
 - Combination Drugs
 - Entry and Fusion Inhibitors
 - Non-nucleoside Reverse Transcriptase Inhibitors
 - Nucleoside Reverse Transcriptase Inhibitors
 - Opportunistic Infection and Other Drugs
 - Protease Inhibitors
- Investigational Drugs
 - Entry and Fusion Inhibitors
 - Integrase Inhibitors
 - Microbicides
 - Non-nucleoside Reverse Transcriptase Inhibitors
 - Nucleoside Reverse Transcriptase Inhibitors
 - Opportunistic Infection and Other Drugs
 - Protease Inhibitors

Drug information in Spanish

More Information About a Drug

Home > Drugs > Abacavir/Lamivudine

Abacavir/ Lamivudine

Abacavir/Lamivudine (a-BAK-a-veer, la-MI-vyoo-deen)

Print the Patient Version (PDF) 

[Patient Version](#) | [Health Professional Version](#) | [Spanish Version](#) | **More About This Drug**

More About this Drug

- Clinical Trials Using Epzicom
- Literature Citations for Epzicom

- Drug Database Search
- Drug RSS Feeds
- FDA-approved Drugs
 - Combination Drugs
 - Entry and Fusion Inhibitors
 - Non-nucleoside Reverse Transcriptase Inhibitors
 - Nucleoside Reverse Transcriptase Inhibitors
 - Opportunistic Infection and Other Drugs
 - Protease Inhibitors
- Investigational Drugs
 - Entry and Fusion Inhibitors
 - Integrase Inhibitors
 - Microbicides
 - Non-nucleoside Reverse Transcriptase Inhibitors
 - Nucleoside Reverse Transcriptase Inhibitors
 - Opportunistic Infection and Other Drugs
 - Protease Inhibitors



CLINICAL TRIALS

- Search for Clinical Trials
- New HIV/AIDS Trials

Clinical Trials

Clinical Trials use human subjects to test vaccines, medications, and other treatment and prevention methods to try to eliminate HIV in the body.

Home > Clinical Trials

Clinical Trials

[En Español](#)

Clinical trials are research studies designed to answer specific questions about the safety and/or effectiveness of drugs, vaccines, other therapies, or new ways of using existing treatments.

This page is designed to help you locate trials studying HIV/AIDS. Use the links on the left to browse by a category or use the search screen below.

To view HIV/AIDS clinical trials on the NIH Campus, Bethesda, MD, [click here](#).

To view trials that have been listed in the last 30 days, [click here](#).

Create Your Own Search

[Click here](#) for help in creating your own search

I am looking for trials that:

Contain the word(s):

Include the condition:

Use the drug:

Are located in:

City:

State:

Country:

Are limited to: Child and adolescent trials
(check box to select) Trials looking for HIV-negative volunteers

Clinical Trial News

- OHRP Outreach Pamphlet- June 17, 2005
- Understanding Risk, What Do Those Headlines Really Mean?

[more >](#)

More About Clinical Trials

- Human Subjects Research Online Training: "Protecting Human Subjects"

[more >](#)

Related Website Links

- Adult AIDS Clinical Trials Group (AACTG)
- Pediatric AIDS Clinical Trials Group (PACTG)
- National Library of Medicine AIDS Portal
- NIAID-Funded Research Networks and Programs
- HIV Prevention Trials Network (HPTN)

[more >](#)

Clinical Trials Search

Browse Clinical by Category

- Acute/Early Infection
- Alternative/ Complementary Medicine
- Prevention (mother-child transmission, behavior, vaccines, etc.)
- Observational Trials
- Treatment Experienced/Failure
- Treatment Interruption
- Treatment Naive (little or no prior treatment)
- Vaccines

Search results for "Acute Infection" [CONDITION] AND HIV [CONDITION] are shown below.

Include trials that are no longer recruiting patients.

Search-Within-Results

Query Details

Map of locations

18 studies were found.

- Recruiting** [An Observational Study of People Who Have Recently Been Infected With HIV](#)
Condition: HIV Infections
- Recruiting** [Effectiveness of Adding Interleukin-2 to Anti-HIV Drugs in Patients Recently Infected With HIV](#)
Condition: HIV Infections
- Recruiting** [Leukapheresis Procedures to Obtain Plasma and Lymphocytes for Research Studies on Primary and Chronic HIV-Infected Patients](#)
Condition: HIV Infections
- Recruiting** [Anti-HIV Medications for People Recently Infected With HIV](#)
Condition: HIV Infections
- Not yet recruiting** [A Study to Evaluate the Use of a Protease Inhibitor and of Interleukin-2 \(IL-2\) in the Treatment of Early HIV Infection](#)
Condition: HIV Infections
- Not yet recruiting** [Anti-HIV Drugs for Treating Infants Who Acquired HIV Infection at Birth](#)
Condition: HIV Infections
- Recruiting** [Controlling Acute or Early HIV Infection With a Therapeutic Vaccine, HIV-1 Immunogen, With or Without Anti-HIV Drugs](#)
Condition: HIV Infections
- Recruiting** [A Study to Monitor Patients With Primary or Early HIV Infection](#)
Condition: HIV Infections
- Recruiting** [The Biology of HIV Transmission](#)

An Observational Study of People Who Have Recently Been Infected With HIV

This study is currently recruiting patients.

Verified by National Institute of Allergy and Infectious Diseases (NIAID) June 2006

Sponsored by:	National Institute of Allergy and Infectious Diseases (NIAID)
Information provided by:	National Institute of Allergy and Infectious Diseases (NIAID)
ClinicalTrials.gov Identifier:	NCT00103961

► Purpose

This is a long-term follow-up study of people who are identified during acute or recent HIV infection and are being followed at clinical research sites associated with the Acute HIV Infection and Early Disease Research Program (AIEDRP). The purpose of this study is to collect data on the immunological and virologic responses that occur early in the course of HIV infection in treatment-naïve and treatment-experienced HIV infected adults.

Study hypothesis: This study will examine the immunological responses that occur early in the course of HIV infection in treated and untreated individuals. The long-term follow-up of these subjects will help identify host immunological and genetic factors along with therapeutic strategies associated with control of viremia and delayed disease progression. In addition, this cohort will provide the recruiting mechanism to support future trials of therapy to restore immune function. Furthermore, this cohort will provide a population suitable to monitoring changing patterns in the transmission of drug resistant viral strains while also evaluating ongoing behavioral risk factors associated with HIV transmission.

Condition

HIV Infections

[MedlinePlus](#) related topics: [AIDS](#)

Study Type: Observational

Study Design: Screening, Longitudinal, Defined Population, Prospective Study

Official Title: Primary HIV & Early Disease Research: American Cohort (PHAEDRA) AIEDRP

Further study details as provided by National Institute of Allergy and Infectious Diseases (NIAID):

Expected Total Enrollment: 500

Study start: January 2004

Last follow-up: January 2005

This study will collect data on the immunological and virologic responses that occur early in the course of HIV infection in treated and untreated HIV infected adults to identify host immunological, virological, and therapeutic factors that influence disease progression. This study will also monitor changing patterns in the transmission of drug-resistant viral strains and evaluate ongoing behavioral risk factors associated with HIV infection.

Participants in this study will be followed for up to 10 years. During the first year of participation, study visits will occur approximately every 4 weeks for the first 12 weeks, then every 12 weeks thereafter, with a minimum of 8 study visits during the first year. Participants will be asked to complete a behavioral questionnaire at Week 8. After the first year of participation, there will be 4 visits per year. Blood collection and vital sign measurement will occur at each study visit.

Participants enrolled in this study are strongly encouraged to also enroll in the AIEDRP CORE01 study.

► Eligibility

Ages Eligible for Study: 18 Years - 64 Years, Genders Eligible for Study: Both

Criteria

Inclusion Criteria:

- Documented acute or recent HIV infection as defined in the study protocol
- Willing to be followed longitudinally by this study

► Location and Contact Information

Please refer to this study by ClinicalTrials.gov identifier NCT00103961

Mary Johnston, RN 617-724-0070 mnjohnston@partners.org

Massachusetts

Massachusetts General Hospital, Boston, Massachusetts, 02114, United States; Recruiting

Mary Johnston, RN 617-724-0070 mnjohnston@partners.org

Nicole Burgett, RN 617-726-1475 nburgett@partners.org

Eric Rosenberg, MD, Principal Investigator

Bruce D. Walker, MD, Principal Investigator

Study chairs or principal investigators

Eric Rosenberg, MD, Principal Investigator, Partners Healthcare, Massachusetts General Hospital

Bruce D. Walker, MD, Principal Investigator, Partners Healthcare, Massachusetts General Hospital

► More Information

[Click here for more information on AIEDRP CORE01](#)

Study ID Numbers: 5U01-AI052403; 2003-P-001991

Last Updated: June 21, 2006

Record first received: February 17, 2005

ClinicalTrials.gov Identifier: [NCT00103961](#)

Health Authority: United States: Federal Government

ClinicalTrials.gov processed this record on 2006-11-15



VACCINES

- ▶ Preventive HIV Vaccines
- ▶ Therapeutic HIV Vaccines
- ▶ Search for Vaccine Trials

Vaccines

Guidelines Drugs Clinical Trials Vaccines Health Topics AIDSinfo Tools

Home > Vaccines

Vaccines

[En Español](#)

Information on preventive and therapeutic HIV/AIDS vaccine research is found in this section. **Preventive vaccines** are for HIV-negative individuals; they are to prevent HIV infection. **Therapeutic vaccines** are for HIV-positive individuals; they are to improve the immune system. Currently no HIV/AIDS vaccines are approved for use; however, many are in clinical trial studies.

If you want to locate a vaccine clinical trial, use one of the links on the left. If you want information on other HIV/AIDS clinical trial studies, please go to the clinical trials section of this web site.

Vaccines Search

- Preventive HIV Vaccine Trials (For HIV-negative individuals)
 - New and Recruiting Trials
 - Closed Trials
- Therapeutic AIDS Vaccine Trials (For HIV-positive individuals)
 - New and Recruiting Trials
 - Closed Trials

Vaccine Trials News

- NIH Release--Monkeys Vaccinated Against SIV -- June 9, 2006
- NIAID Launches First Phase II Trial of a "Global" HIV/AIDS Vaccine--October 11, 2005

[more >](#)

More About Vaccine Trials

- HIV Vaccine Glossary
- AIDSinfo Preventive HIV Vaccines
- AIDSinfo Therapeutic HIV Vaccines

[more >](#)

Related Website Links

- Be the Generation - Vaccine Research Center (VRC) Campaign
- HIV Vaccine Trials Network (HVTN)
- CDC HIV Vaccine Research
- VRC
- National Institute of Allergy and Infectious Diseases--HIV Vaccines

[more >](#)



- ▼ News & Events
 - ▼ News Releases
 - 2006
 - 2005
 - 2004
 - 2003
 - 2002
 - 2001
 - 2000
 - 1999
 - 1998
 - 1997
 - 1996
 - 1995
 - ▶ Qs & As
 - ▶ News Office
 - ▶ Events & Calendars
 - ▶ Focus On Features
 - ▶ NIAID in the News
 - ▶ Resources



U.S. Department of Health and Human Services
NIH News
National Institutes of Health

National Institute of Allergy and Infectious Diseases (NIAID)
<http://www.niaid.nih.gov>

FOR IMMEDIATE RELEASE
Tuesday, Oct. 11, 2005

Media Contact: NIAID News Office
(301) 402-1663
niaidnews@niaid.nih.gov

NIAID Launches First Phase II Trial of a "Global" HIV/AIDS Vaccine

A novel vaccine targeted moved into the second of Allergy and Infectious Institutes of Health (NIH) plan to enroll a total of 4 America, South American immune response to the

Search in News & Events [Go](#)

Print this page

E-mail this page

See Also

▶ [Media Contact Info](#)

News on HIV Vaccines from the Federal Government



A Service of the U.S. Department of Health and Human Services

Preventive HIV Vaccines

Preventive HIV Vaccines

General Information about HIV Vaccines

What is a vaccine?

A vaccine is a medical product designed to stimulate your body's immune system in order to prevent or control an infection. An effective preventive vaccine trains your immune system to fight off a particular **microorganism** so that it can't establish a serious infection or make you sick.

Terms Used in This Fact Sheet:

Antibody: a protein produced by the body's immune system that recognizes and fights infectious organisms and other foreign substances that enter the body. Each antibody is specific to a particular piece of an infectious organism or other foreign substance.

Clinical trial: a scientifically designed study testing the safety and effectiveness of a medication or other treatment in human volunteers.

Gene: a short segment of DNA or RNA that acts as a

What is the difference between a preventive HIV vaccine and a therapeutic HIV

HIV VACCINE TRIALS NETWORK

Home About HVTN HVTN Science Community Media Search

How HIV affects LATINOS

- > How HIV affects Hispanic communities
- > Take control, take the HIV test
- > Myths about HIV vaccines
- > How to talk about safe sex
- > What are HIV vaccines made of?
- > Get involved in the HIV vaccine trials

Sito en español Members' Login

[Trouble logging in?](#)

HIV Vaccines in the News

- > Young Americans challenged to "Be The Generation" that ends AIDS
- > *Science* magazine's special issue on HIV in Latin America & Caribbean
- > More HIV vaccine news

AIDS will be STOPPED by people just like YOU

Our partners:

NIAID/DAIDS

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HIV Vaccine Research



HEALTH TOPICS

- ▶ Resources on Treatment, Prevention, Staying Healthy with HIV, Coinfections, Special Populations, and more
- ▶ Fact Sheets

Health Topics



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[Guidelines](#)
[Drugs](#)
[Clinical Trials](#)
[Vaccines](#)
[Health Topics](#)
[AIDSinfo Tools](#)

[Home](#) > [Health Topics](#)

Health Topics

Welcome to AIDSinfo's Health Topics section. To find resources on an HIV/AIDS-related topic, please click on the topic of your choice from the blue menu on the left.

Need help finding information? Call our health information specialists at 1-800-448-0440 (Monday to Friday, 12:00 p.m. to 5:00 p.m., Eastern time). You can also send us an e-mail or use our Live Help service (Monday to Friday, 12:00 p.m. to 4:00 p.m., Eastern time) to contact us. Spanish-speaking health information specialists are available.

Below are links to some of the most popular HIV/AIDS resources. These are also listed in the "Quick Links" box that appears on every page throughout the Health Topics section.

Questions about HIV prevention?

Contact the Centers for Disease Control and Prevention's (CDC) National Prevention Information Network (NPIN), Monday to Friday, 9 a.m. to 8 p.m., Eastern time:

1-800-458-5231
 1-919-361-4892 (international)
 1-800-243-7012 (TTY)
 1-919-316-4884 (international TTY)

Health Topics Main Page

- **Treatment**
 - General Treatment Information
 - Drug Side Effects/Complications
 - Insurance/Drug Assistance
 - Treatment Adherence
 - Treatment Failure
 - Treatment Guidelines
- **Prevention**
 - Microbicides
 - Mother-to-Child Transmission
 - Postexposure Prophylaxis
 - Other Transmission Issues
- **Clinical Research**
 - Grants
 - Clinical Trial Information
- **HIV Vaccines**
 - Preventive Vaccines
 - Therapeutic Vaccines
- **Staying Healthy with HIV**
 - Dental Issues
 - Immunizations

Health Topics Main Page

Treatment

General Treatment Information

- Drug Side Effects/Complications
- Insurance/Drug Assistance
- Treatment Adherence
- Treatment Failure
- Treatment Guidelines

Prevention

- Microbicides
- Mother-to-Child Transmission
- Postexposure Prophylaxis
- Other Transmission Issues

Clinical Research

- Grants
- Clinical Trial Information

HIV Vaccines

- Preventive Vaccines
- Therapeutic Vaccines

Staying Healthy with HIV

Home > Health Topics > General Treatment Information

General Treatment Information

Antiretroviral Therapy in Adults and Adolescents - February 2006 [PDF]
Pocket reference card for clinicians on antiretrovirals used in the treatment of HIV infection in adults and adolescents.

Source: Florida/Caribbean AIDS Education and Training Center

HIV During Pregnancy, Labor and Delivery, and After Birth [PDF]
Fact sheet series that provides information for women who are HIV positive and pregnant or recently given birth. Describes the steps an HIV positive pregnant woman can take to preserve her health and prevent transmission of HIV to her baby.

En español
Source: AIDSinfo

HIV Infection and AIDS: An Overview
Fact sheet with an overview of HIV infection, including transmission, diagnosis, treatment, and prevention of HIV/AIDS.

Source: National Institute of Allergy and Infectious Diseases

Quick Links

- National Prevention Information Network
- CDC-INFO
- National HIV Testing Resources
- National Library of Medicine AIDS Portal
- AIDS page - MedlinePlus
- NIAID Division of AIDS

HIV During Pregnancy, Labor and Delivery, and After Birth

This series of fact sheets is intended for women who are HIV positive and pregnant or have recently given birth. These fact sheets describe the steps an HIV positive pregnant woman can take to preserve her health and prevent transmission of HIV to her baby.

These fact sheets are designed as a series, but can also be used as stand-alone documents. The information in these fact sheets is based on the U.S. Public Health Service's *Recommendations for Use of Antiretroviral Drugs in Pregnant HIV-1-Infected Women for Maternal Health and Interventions to Reduce Perinatal HIV-1 Transmission in the United States and Guidelines for the Use of Antiretroviral Agents in Pediatric HIV Infection* (available at <http://aidsinfo.nih.gov/guidelines>).

Health Topics pages link to AIDSinfo fact sheets and government resources.



AIDSINFO TOOLS

- ▶ Live Help
- ▶ Order Publications
- ▶ PDA Tools
- ▶ HIV/AIDS Glossary
- ▶ Tour the Site

AIDSINFO TOOLS

The screenshot shows the AIDSinfo website interface. At the top left is the AIDSinfo logo with the tagline 'A Service of the U.S. Department of Health and Human Services' and the mission statement 'Offering information on HIV/AIDS Treatment, Prevention, and Research'. To the right of the logo are links for 'Live Help', 'Subscribe to AI E-News', 'Español', and 'New to our site? Start Here'. A search bar with a 'Go' button is also present. Below the header is a navigation menu with buttons for 'Guidelines', 'Drugs', 'Clinical Trials', 'Vaccines', 'Health Topics', and 'AIDSinfo Tools'. The main content area is titled 'AIDSinfo Tools' and includes a breadcrumb trail 'Home > AIDSinfo Tools'. The text explains that there are many ways to get information from AIDSinfo and lists five tools: Live Help, Order Publications, Homework Help, PDA Tools, and HIV/AIDS Glossary, each with a brief description of its function.

AIDSinfo A Service of the U.S. Department of Health and Human Services
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[Home](#) > [AIDSinfo Tools](#)

AIDSinfo Tools

There are many ways to get information from AIDSinfo.

- ▶ **Live Help**
Communicate confidentially with health information specialists in real time to get help with navigating the AIDSinfo site; using other National Library of Medicine (NLM) sites; finding federally approved information on treatment, prevention, and research, and more.
- ▶ **Order Publications**
Find print, electronic, and PDF versions of AIDSinfo publications on the AIDSinfo Web site. Most can be downloaded. Single copies of print publications are free.
- ▶ **Homework Help**
This section provides resources and reference links for learning and writing papers about HIV and AIDS for school projects.
- ▶ **PDA Tools**
Download the AIDSinfo *HIV/AIDS Glossary*, and *Treatment Guidelines* for Pocket PC (MS-Windows-based) and Palm PDAs.
- ▶ **HIV/AIDS Glossary**
Find a definition in the Glossary of HIV/AIDS-Related Terms 5th Edition. It is available in HTML, PDF, and PDA formats.
- ▶ **Tour the Site**

[Home](#) > [Homework Help](#)



Homework Help!

Materials to Help You Write Your Papers About HIV and AIDS

This section provides resources and reference links for learning and writing papers about HIV and AIDS for school projects.

The links below to HIV / AIDS information are sorted by topic area:



General Information

- The Evidence That HIV Causes AIDS
- How HIV Causes AIDS
- Organization of the HIV-1 Virion
- HIV Infection in Adolescents
- MICROBES in Sickness and in Health



Prevention Info



National Institute of Allergy and Infectious Diseases
National Institutes of Health
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES

November 2004

How HIV Causes AIDS

A significant component of the research effort of the National Institute of Allergy and Infectious Diseases (NIAID) is devoted to the pathogenesis of HIV (human immunodeficiency virus) disease. Studies on **pathogenesis** address the complex mechanisms that result in the destruction of the immune system of an HIV-infected person. A detailed understanding of HIV and how it establishes infection and causes AIDS (acquired immunodeficiency syndrome) is crucial to identifying and developing effective drugs and vaccines to fight HIV and AIDS. This fact sheet summarizes the state of knowledge in this area.

(Scientific terms printed in **bold-faced** type are defined in the Glossary at the end of this document.)

OVERVIEW

Untreated HIV disease is characterized by a gradual deterioration of immune function. Most notably, crucial immune cells called **CD4 positive (CD4+) T cells** are disabled and killed during the typical course of infection. These cells, sometimes called "T-helper cells," play a central role in the immune response, signaling other cells in the immune system to perform their special functions.

A healthy, uninfected person usually has 800 to 1,200 CD4+ T cells per cubic millimeter (mm³) of blood. During untreated HIV infection, the number of these cells in a person's blood progressively declines. When the CD4+ T cell count falls below 200/mm³, a person becomes particularly vulnerable to the **opportunistic infections** and cancers that typify AIDS, the end stage of HIV disease. People with AIDS often suffer infections of the lungs, intestinal tract, brain, eyes, and other organs, as well

Your Turn

1. What is the recommended dose for the drug Zidovudine (Retrovir) in adults?
2. Name one source a person could go to learn about the effect of HIV on Dental hygiene.
3. What is a therapeutic HIV vaccine?

HIV/AIDS Information Portal

HIV/AIDS Information
SIS Specialized Information Services



SIS Home | About Us | Site Map & Search | Contact Us

SIS Home >

NLM Resources	Especially for
<ul style="list-style-type: none">▶ Treatment and Drug Information▶ Clinical Trials▶ Journal Articles, Books, Audiovisuals▶ Consumer Health Information	<ul style="list-style-type: none">▶ The Public▶ Researchers/Scientists▶ Health Professionals▶ Students/Educators

HIV/AIDS Web Links

<ul style="list-style-type: none">▶ Diagnosis and Testing▶ Nutrition and Exercise▶ Prevention▶ Related Medical Conditions▶ Research and Research Tools▶ Resources	<ul style="list-style-type: none">▶ Special Populations▶ Statistics, Surveillance, and Epidemiology▶ Substance Abuse▶ Vaccine Development▶ Español/Spanish
--	--

AIDSinfo AIDSInfo: Offering information on HIV/AIDS treatment, prevention, and research

More to Explore

- About
- News
- Publications
- Contracts and Projects
- Health Services Research & Public Health Information Programs

Featured Site

Clinical Trials of HIV/AIDS Vaccines

- Links to both Government and non-Government Resources.
- Categorized periodical search on HIV/AIDS

NLM Resources

- ▶ Treatment and Drug Information
- ▶ Clinical Trials
- ▶ Journal Articles, Books, Audiovisuals
- ▶ Consumer Health Information

NLM Resources

Links to general information on HIV and AIDS

<ul style="list-style-type: none">▶ Journal Articles▶ Books and Audiovisuals▶ Meeting Abstracts▶ Obtaining Materials	More to Explore <ul style="list-style-type: none">PubMedLocatorPlusNLM GatewayMeeting Abstracts
Journal Articles	
<ul style="list-style-type: none">• HIV/AIDS (MedlinePlus) Recent research articles on HIV/AIDS (MedlinePlus) - Scroll down to search MEDLINE• AIDS on MEDLINE/PubMed AIDS on MEDLINE/PubMed - Access to journal citations related to HIV and AIDS in a special subset of MEDLINE. Your literature search will automatically be limited to the AIDS subset.• Where can I find more information on searching MEDLINE through PubMed?• What is MEDLINE, and how do I use it to find information?• How do I get the full text of articles I find in my MEDLINE search? (MEDLINEplus)	
Books and Audiovisuals	
<ul style="list-style-type: none">• LOCATORplus The National Library of Medicine catalog of NLM-owned journal titles, books, audiovisuals and reports• What is LOCATORplus?• Getting Articles and Borrowing Books For books, also check bookstores and your local public library, school or university library, corporate library, institutional library, hospital	

HIV/AIDS Web Links

- ▶ Diagnosis and Testing
- ▶ Nutrition and Exercise
- ▶ Prevention
- ▶ Related Medical Conditions
- ▶ Research and Research Tools
- ▶ Resources
- ▶ Special Populations
- ▶ Statistics, Surveillance, and Epidemiology
- ▶ Substance Abuse
- ▶ Vaccine Development
- ▶ Español/Spanish

HIV/AIDS Web Links

Web links to specific topics related to HIV/AIDS. Resources include both Government and reliable Non-Government sites.

Prevention

- ▶ General Resources
- ▶ Preventing Needlestick Transmission
- ▶ Preventing Perinatal Transmission
- ▶ Preventing Sexual Transmission
- ▶ Preventing Transmission through Drug Abuse
- ▶ Special Populations
- ▶ Español/Spanish

The screenshot shows the NPIN website interface. At the top, there is a search bar and navigation links for 'Advanced Search' and 'Search Help'. The main content area is titled 'HIV/AIDS' and features a sidebar with a list of topics including 'What's New', 'HIV/AIDS Today', 'Prevention Today', 'Making the Connection', 'CDC Guidelines and Recommendations', 'Elements of Successful Programs', 'Counseling, Testing, and Referral (CTR)', 'Surveillance and Data Management', 'Education and Outreach', and 'FAQs and Basic Facts'. The main content area is titled 'HIV/AIDS PREVENTION TODAY (PRINTABLE VERSION)' and includes a section on 'Prevention works' with a paragraph and a list of links: 'Preventing HIV Infection', 'Prevention and the CDC', and 'Featured CDC HIV/AIDS Prevention Information'. Below this is a section titled 'PREVENTING HIV INFECTION' with a list of ways to avoid infection: 'Abstain from sexual intercourse (i.e., oral, vaginal, or anal sex)', 'Be in a long-term, mutually monogamous relationship with an uninfected partner', and 'Abstain from sharing needles and/or syringes for nonprescription drugs.' The sidebar also includes sections for 'STDs', 'Tuberculosis', 'Communities at Risk', and 'Home'. On the right side of the page, there are buttons for 'Order Materials >', 'View Cart (0)', 'Specific Searches' (with links for Organizations, Materials, News, Conferences, Funding), and 'Learn More' (with links for HIV Testing Sites and Satellite Broadcasts).

Resources

Special Populations

Vaccine Department

Especially for

- ▶ The Public
- ▶ Researchers/Scientists
- ▶ Health Professionals
- ▶ Students/Educators

Especially For...

This section gives links to resources that provide valuable information to specific audiences.

Especially for Students and Educators

- ▶ Starting Points for Students/Educators
- ▶ Additional Resources

Starting Points for Students/Educators

- MedlinePlus
Dependable, authoritative and up to date health information from the world's largest n Health Topics
 - AIDS
 - AIDS and Infections
 - AIDS and Pregnancy
 - AIDS—Living with AIDS
 - Kaposi's Sarcoma
 - Immune System/AIDS
- AIDSinfo
Information on HIV/AIDS Treatment, Prevention, and Research
 - Treatment Guidelines
 - Clinical Trials

The screenshot shows the MedlinePlus website interface. At the top, there is a navigation bar with the MedlinePlus logo and tagline 'Trusted Health Information for You'. Below the logo is a search bar and a menu with links to Home, Health Topics, Drugs & Supplements, Encyclopedia, Dictionary, News, Directories, and Other Resources. A 'Skip navigation' link is also present. The main content area is titled 'AIDS and Infections' and includes a 'Contents of this page' sidebar with links to Overviews, Treatment, Prevention/Screening, Disease Management, Specific Conditions, Related Issues, Clinical Trials, Research, Dictionaries/Glossaries, Organizations, Children, and Women. The main text area contains sections for 'Overviews' and 'Treatment', each with a list of links to specific resources. A 'Prevention/Screening' section is also visible. On the right side, there are two boxes: one for 'MedlinePlus go Local' with a location selection dropdown and a 'GO' button, and another for the 'National Institute of Allergy and Infectious Diseases' with a logo and text describing its role as the primary NIH organization for research on AIDS and Infections.



Printer-friendly version



E-mail to a friend

Contents of this page:

[Overviews](#)
[Treatment](#)
[Prevention/Screening](#)

[Disease Management](#)
[Specific Conditions](#)
[Related Issues](#)

[Clinical Trials](#)
[Research](#)

[Dictionaries/Glossaries](#)
[Organizations](#)

[Children](#)
[Women](#)

Search MEDLINE/PubMed for recent research articles on

Overviews

- [Opportunistic Infections](#) (New Mexico AIDS Education and Training Center)
Also available in: [Spanish](#)

Treatment

- [Atovaquone \(Mepron\)](#) (New Mexico AIDS Education and Training Center)
- [Azithromycin \(Zithromax\)](#) (New Mexico AIDS Education and Training Center)
- [Ciprofloxacin \(Cipro\)](#) (New Mexico AIDS Education and Training Center)
- [Clarithromycin \(Biaxin\)](#) (New Mexico AIDS Education and Training Center)
- [Dapsone \(Avlosulfon\)](#) (New Mexico AIDS Education and Training Center)
- [Filgrastim \(Neupogen\)](#) (New Mexico AIDS Education and Training Center)
- [Fluconazole \(Diflucan\)](#) (New Mexico AIDS Education and Training Center)
- [Pentamidine](#) (New Mexico AIDS Education and Training Center)
- [Trimethoprim/Sulfamethoxazole](#) (New Mexico AIDS Education and Training Center)
Also available in: [Spanish](#)

Prevention/Screening

- [CD4 \(T-Cell\) Tests](#) (New Mexico AIDS Education and Training Center)

MedlinePlus
go Local

Select services and providers for
AIDS and Infections in your area.

Select Location
[Select from map](#)



The primary NIH organization
for research on *AIDS and Infections*
is the [National Institute of Allergy and
Infectious Diseases](#)

Your Turn

1. What organization has a database on Antiretroviral drug interactions?
2. In what section of this Web site would you expect to find a link to the AIDS Education and Resource Center?
3. Locate two resources on epidemiology.



▶ Health Topics

Start here with over 700 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

▶ Other Resources

Local health services, libraries, organizations, international sites and more

Current Health News

- ▶ [Eat Cholesterol-Lowering Foods in Combination](#)
- ▶ [Osteoporosis Screening Missing Highest-Risk Women](#)
- ▶ [Decongestant Use Has No Ill Effects in Pregnancy](#)
- ▶ [More news](#)

Featured Site



Watch a live broadcast of - [pediatric heart surgery](#) - on March 22 at 5 p.m.

In the Spotlight



Two new [Go Local](#) areas are now available

Find services and support in your hometown in:

- ▶ [Maryland](#)
- ▶ [East Texas](#)

Interactive Tutorials

Over 165
slideshow with
sound and pictures



ClinicalTrials.gov

Studies for new
drugs and treatments



NIH SeniorHealth



Features

- Easy to use Search Engine
- Links to detailed health and drug information
- Interactive Tutorials
- Special news section
- Seniors Health Link

Skip navigation

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Trusted Health Information for You

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Search MedlinePlus

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

Health Topics

Find your topic by first letter:

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

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
- Immune System/AIDS
- Infections
- Injuries and Wounds

Diagnosis and Therapy

- Complementary and Alternative Therapies
- Diagnostic Tests
- Drug Therapy
- Surgery and Rehabilitation
- Symptoms
- Transplantation and Donation

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

Health Check Tools
Quizzes, calculators, and self-tests

Frequently Requested Topics:

- Alzheimer's Disease
- Back Pain
- Breast Cancer
- Cholesterol

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and the NATIONAL INSTITUTES OF HEALTH

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Health Topics

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Q	R	S	T	U	V	W	XYZ

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- Brain and Nervous System
- Cancers
- Digestive System

Diagnosis and Therapy

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- Diagnostic Tests
- Drug Therapy
- Surgery and Rehabilitation
- Symptoms

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Health Check Tools
Quizzes, calculators, and self-tests

Keyword Search

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Health Topics beginning with "B"

- Baby Blues see [Postpartum Depression](#)
- Baby Care see [Infant and Newborn Care](#)
- Back Injuries
- Back Pain
- Bacterial Infections
- Bacterial Vaginosis see [Vaginal Diseases](#)
- Balance Disorders see [Dizziness and Vertigo](#)
- Bariatric Surgery see [Weight Loss Surgery](#)
- Barrett's Esophagus see [Esophagus Disorders](#)
- Basal Cell Carcinoma see [Skin Cancer](#)
- Bedsore see [Pressure Sores](#)
- Bedwetting see [Toilet Training and Bedwetting](#)
- Bee Stings see [Insect Bites and Stings](#)

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Cancers Topics

- Alternative Therapy for Cancer see [Cancer Alternative Therapy](#)
- Anal Cancer
- Basal Cell Carcinoma see [Skin Cancer](#)
- Benign Tumors
- Bladder Cancer
- Bone Cancer
- Brachytherapy see [Radiation Therapy](#)
- Breast Cancer
- Breast Cancer, Male see [Male Breast Cancer](#)
- Cancer
- Cancer Alternative Therapy
- Cancer Chemotherapy
- Cancer, Benign see [Benign Tumors](#)
- Cancer-Living with Cancer
- Carcinoid Tumors
- Carcinoma see [Cancer](#)
- Cervical Cancer
- Chemotherapy see [Cancer Chemotherapy](#)
- Childhood Brain Tumors

Disease or Condition by First Letter

Health Topic

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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](#)

AIDS

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Contents of this page:
[News](#)
[From the NIH](#)
[Overviews](#)
[Diagnosis/Symptoms](#)
[Treatment](#)
[Prevention/Screening](#)
[Alternative Therapy](#)
[Disease Management](#)
[Specific Conditions](#)
[Related Issues](#)
[Clinical Trials](#)
[Genetics](#)
[Research](#)
[Dictionaries/Glossaries](#)
[Directories](#)
[Organizations](#)
[Statistics](#)

Latest News

- [HIV Infection on the Rise Worldwide-U.N. Report](#) (11/21/2006, Reuters Health)
- [Antibodies Destroy HIV-Infected Cells](#) (11/13/2006, Reuters Health)
- [Gene Therapy Shows Promise Against HIV](#) (11/07/2006, HealthDay)
- [FDA Approves Test to Help Diagnose Main Virus That Causes AIDS](#) (10/05/2006, Food and Drug Administration)
- [CDC Recommends Routine, Voluntary HIV Screening in Health Care Settings](#) (09/21/2006, Centers for Disease Control and Prevention)
- [More News on AIDS](#)

From the National Institutes of Health

- [HIV Infection and AIDS](#) (National Institute of Allergy and Infectious Diseases)

Overviews

- [AIDS Interactive Tutorial](#) (Patient Education Institute) - Requires Flash Player
Also available in: [Spanish](#)
- [HIV/AIDS](#) (Mayo Foundation for Medical Education and Research)
- [HIV/AIDS Prevention Fact Sheets](#) (National Center for HIV, STD, and TB Prevention)
- [JAMA Patient Page: HIV Infection: The Basics](#) (American Medical Association)

MedlinePlus go Local

Select services and providers for AIDS in your area.

Select Location **GO**

[Select from map](#)

Interactive Tutorial

View slideshow on: [AIDS](#)



The primary NIH organization for research on *AIDS* is the [National Institute of Allergy and Infectious Diseases](#)

MedlinePlus offers specialty pages on AIDS. Each page links to helpful information for consumers.

Check out the online tutorial for an introduction of HIV/AIDS.

CDC National Center for HIV, STD and TB Prevention
 Divisions of HIV/AIDS Prevention

Brochures Home Search Subscribe

HIV and AIDS: Are You at Risk?

[En Español](#)



What is HIV and how can I get it?

HIV - the human immunodeficiency virus - is a virus that kills your body's "CD4 cells." CD4 cells (also called T-helper cells) help your body fight off infection and disease. HIV can be passed from person to person if someone with HIV infection has sex with or shares drug injection needles with another person. It also can be passed from a mother to her baby when she is pregnant, when she delivers the baby, or if she breast-feeds her baby.

X-Plain.com Patient Education Institute

MedlinePlus National Library of Medicine

AIDS Credits Terms of Use

- Introduction
- What is HIV?
- Complications
- Infection
- Symptoms
- Diagnosis
- Treatment
- Prevention
- Conclusion

HIV/AIDS Introduction

Slide 1 of 80

Quit Comments VOLUME 0% 100% Repeat Page

Link to trusted sites about HIV/AIDS

View online tutorials about HIV/AIDS

Your Turn

1. In the health topics section, how many specialty pages exist in MedlinePlus for AIDS?
2. What government organization produced a Web page on how HIV tests work?
3. What two Web resources could one go to learn about HIV alternative and complimentary medications?

PubMed

The screenshot shows the PubMed website interface. At the top, there is the NCBI logo and the PubMed logo with the text "A service of the National Library of Medicine and the National Institutes of Health" and "www.pubmed.gov". On the right, there are links for "My NCBI", "[Sign In]", and "[Register]". Below this is a navigation bar with tabs for "All Databases", "PubMed", "Nucleotide", "Protein", "Genome", "Structure", "OMIM", "PMC", "Journals", and "Books". A search bar contains the text "Search PubMed" and "for" with "Go" and "Clear" buttons. Below the search bar are buttons for "Limits", "Preview/Index", "History", "Clipboard", and "Details". On the left side, there is a vertical menu with links for "About Entrez", "Text Version", "Entrez PubMed", "Overview", "Help | FAQ", "Tutorials", "New/Noteworthy", "E-Utilities", "PubMed Services", "Journals Database", "MeSH Database", "Single Citation", "Matcher", "Batch Citation", "Clinical Queries", "Special Queries", "LinkOut", and "My NCBI". At the bottom of the menu is a "Related" link. The main content area features a red-bordered box with the title "How healthy is America?" and a small image of a book cover. Below the title, it says: "The [latest report](#) from the *Health, United States* series, by the Centers for Disease Control and Prevention (CDC), is now available on the [Bookshelf](#)." Below this box, there is a paragraph: "PubMed is a service of the [U.S. National Library of Medicine](#) that includes over 16 million citations from MEDLINE and other life science journals for biomedical articles back to the 1950s. PubMed includes links to full text articles and other related resources."

- Contains over 16 million citations.
- Many citations include detailed abstracts about the journal article
- Some citations include links to the full-text article.

Total number of citations

Abstract only

Includes link to full-text article

NCBI PubMed A service of the National Library of Medicine and the National Institutes of Health

My NCBI [Sign In] [Register]

All Databases PubMed Nucleotide Protein Genome Structure OMM PMC Journals Books

Search PubMed for HIV and AIDS [Go] [Clear] [Save Search]

Limits Preview/Index History Clipboard Details

Display Summary Show 20 Sort by Send to

All: 105652 Review: 14290

Items 1 - 20 of 105652 Page 1 of 5283 Next

- 1: [Letvin NL](#) Related Articles, Links
Progress and obstacles in the development of an AIDS vaccine.
Nat Rev Immunol. 2006 Dec;6(12):930-9.
PMID: 17124514 [PubMed - in process]
- 2: [Noursadeghi M, Katz DR, Miller RF](#) Related Articles, Links
HIV-1 infection of mononuclear phagocytic cells: the case for bacterial innate immune deficiency in AIDS.
Lancet Infect Dis. 2006 Dec;6(12):794-804.
PMID: 17123899 [PubMed - in process]
- 3: [Tawfik L, Watkins SC](#) Related Articles, Links
Sex in Geneva, sex in Lilongwe, and sex in Balaka.
Soc Sci Med. 2006 Nov 21; [Epub ahead of print]
PMID: 17123678 [PubMed - as supplied by publisher]
- 4: [Reves JC, Robles RR, Colon HM, Marrero CA, Matos TD, Calderon JM, Shepard EW](#) Related Articles, Links
Severe Anxiety Symptomatology and HIV Risk Behavior Among Hispanic Injection Drug Users in Puerto Rico.
AIDS Behav. 2006 Nov 23; [Epub ahead of print]
PMID: 17122902 [PubMed - as supplied by publisher]
- 5: [Jung WH, Sham A, White R, Kronstad JW](#) Related Articles, Links
Iron Regulation of the Major Virulence Factors in the AIDS-Associated Pathogen *Cryptococcus neoformans*.
PLoS Biol. 2006 Nov 21;4(12):e410 [Epub ahead of print]
PMID: 17121456 [PubMed - as supplied by publisher]

Entrez PubMed Overview Help | FAQ Tutorials New/Noteworthy E-Utilities

PubMed Services Journals Database MeSH Database Single Citation Matcher Batch Citation Matcher Clinical Queries Special Queries LinkOut My NCBI

Related Resources Order Documents NLM Mobile NLM Catalog NLM Gateway TOXNET Consumer Health Clinical Alerts ClinicalTrials.gov PubMed Central

Setting "limits" allows you to narrow your search

Limits Preview/Index History Clipboard Details

Limit your search by any of the following criteria.

Search by Author Add Author CLEAR

Search by Journal Add Journal CLEAR

Full Text, Free Full Text, and Abstracts CLEAR

Links to full text Links to free full text Abstracts

Dates CLEAR

Published in the Last: 180 days

Added to PubMed in the Last: Any date

Humans or Animals CLEAR

Humans Animals

Gender CLEAR

Male Female

Languages CLEAR

English
 French
 German
 Italian
 Japanese
 Russian
 Spanish
More Languages
 Afrikaans
 Albanian

Subsets CLEAR

Journal Groups
 Core clinical journals
 Dental journals
 Nursing journals

Topics
 AIDS
 Bioethics
 Cancer
 Complementary Medicine
 History of Medicine

Type of Article CLEAR

Clinical Trial
 Editorial
 Letter
 Meta-Analysis

Ages CLEAR

All Infant: birth-23 months
 All Child: 0-18 years
 All Adult: 19+ years
 Newborn: birth-1 month

About Entrez

Text Version

Entrez PubMed

Overview

Help | FAQ

Tutorials

New/Noteworthy

E-Utilities

PubMed Services

Journals Database

MeSH Database

Single Citation

Matcher

Batch Citation

Matcher

Clinical Queries

Special Queries

LinkOut

My NCBI

Related

Resources

Order Documents

NLM Mobile

NLM Catalog

NLM Gateway

TOXNET

Consumer Health

Clinical Alerts

ClinicalTrials.gov

PubMed Central

Advanced search
limited results to
15

NCBI PubMed
A service of the National Library of Medicine and the National Institutes of Health
www.pubmed.gov

My NCBI [Sign In] [Register]

All Database PubMed Nucleotide Protein Genome Structure OMM PMC Journals Books

Search PubMed for HIV and AIDS [Go] [Clear] [Save Search]

[Limits] [Preview/Index] [History] [Clipboard] [Details]

Limits: All Child: 0-18 years, only items with links to free full text, only items with links to full text, English, published in the last 180 days, Humans

Display: Summary Show 20 Sort by Send to

All: 15 Preview: 0

Items 1 - 15 of 15 One page.

1: [Grandin W, Westwood T, Lagerdien K, King MS.](#) Related Articles, Links

Deaths at Red Cross Children's Hospital, Cape Town 1999-2003--a study of death notification forms. S Afr Med J. 2006 Sep;96(9 Pt 2):964-8. PMID: 17077926 [PubMed - indexed for MEDLINE]

Link to full-text article

Abstract

SA ePublications Links

Related Links

- Mortality by cause for eight regions of the world: Global Burden of Disease Study. [Lancet. 1997]
- Causes of death in a rural hospital in South Africa. [Cent Afr J Med. 1997]
- Mortality pattern at a children's emergency ward, University College Hospital, Ibad [Afr J Med Med Sci. 1990]
- Identifying deaths from AIDS in South Africa. [AIDS. 2005]
- Analysis of hospital records in four African countries, 1975-1990, with emphasis on infect [J Trop Med Hyg. 1995]

See all Related Articles...

1: [S Afr Med J.](#) 2006 Sep;96(9 Pt 2):964-8.

Deaths at Red Cross Children's Hospital, Cape Town 1999-2003--a study of death notification forms.

[Grandin W, Westwood T, Lagerdien K, King MS.](#)
Children's Institute, University of Cape Town, South Africa.

OBJECTIVES: The availability of cause-specific mortality data for children in South Africa is limited. Hospital-based data have the potential to contribute to understanding of the causation of childhood death in South Africa. The objectives of the study were to gain insights into the causes of death in a South African children's hospital. **DESIGN:** Prospective, descriptive study of death notification forms. **SETTING:** Red Cross War Memorial Children's Hospital, Cape Town. **RESULTS:** Data from 1999 to 2003 were analysed by direct and underlying causes of death (using a modified Global Burden of Diseases (GBD) classification) and demographic variables. Death rates per 1 000 hospital admissions were calculated for certain common causes of death. Seasonal correlates of mortality were examined. **RESULTS:** There were 1 978 deaths. The number of deaths per year increased by 11.4% over the period. The death rate rose from 15.9 to 18.4 per 1 000 admissions from 1999 to 2002, declining to 17.4/1 000 in 2003. The death rate was higher for females than for males (18.4/1 000 versus 17.6/1 000, $p = 0.007$). Sixty per cent of deaths occurred in children less than 1 year old. GBD group I diseases (infectious, nutritional, perinatal) accounted for the greatest proportion of deaths (58.6%), followed by noncommunicable diseases (29.1%), and injuries (7.9%). HIV/AIDS accounted for 60% of infectious deaths (31.6% of all deaths). Diarrhoea-related mortality was 3 times higher in summer than in winter. Congenital conditions dominated GBD group II (57.5%). **CONCLUSION:** The analysis shows the value of routinely recording data on childhood hospital deaths. The results mirror those of the South African Medical Research Council's Burden of Disease studies but also reflect the hospital's tertiary functions. Female children were at higher risk of death. Childhood HIV-related deaths are a major challenge to the health system.

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Deaths at Red Cross Children's Hospital, Cape Town 1999 - 2003 – a study of death notification forms

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Design. Prospective, descriptive study of death notification forms.

Setting. Red Cross War Memorial Children's Hospital, Cape Town.

Methods. Data from 1999 to 2003 were analysed by direct and underlying causes of death (using a modified Global Burden of Diseases (GBD) classification) and demographic variables. Death rates per 1 000 hospital admissions were calculated for certain common causes of death. Seasonal correlates of mortality were examined.

Results. There were 1 978 deaths. The number of deaths per year increased by 11.4% over the period. The death rate rose from

15.9 to 18.4 per 1 000 admissions from 1999 to 2002, declining to 17.4/1 000 in 2003. The death rate was higher for females than for males (18.4/1 000 versus 17.6/1 000, $p = 0.007$). Sixty per cent of deaths occurred in children less than 1 year old. GBD group I diseases (infectious, nutritional, perinatal) accounted for the greatest proportion of deaths (58.6%), followed by non-communicable diseases (29.1%), and injuries (7.9%). HIV/AIDS accounted for 60% of infectious deaths (31.6% of all deaths). Diarrhoea-related mortality was 3 times higher in summer than in winter. Congenital conditions dominated GBD group II (57.5%).

Conclusion. The analysis shows the value of routinely recording data on childhood hospital deaths. The results mirror those of the South African Medical Research Council's Burden of Disease studies but also reflect the hospital's tertiary functions. Female children were at higher risk of death. Childhood HIV-related deaths are a major challenge to the health system.

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Knowledge of the causes of childhood death in a population is fundamental to the promotion of the health of its children. Research on the causes of childhood mortality in South Africa has focussed on national or provincial data sets,^{1,2} individual conditions such as diarrhoea³ or acute respiratory infections (ARIs)⁴ at national level, and HIV/AIDS in hospital settings.⁵ Recent attempts to measure remediable health service factors in the causation of childhood mortality are in the developmental phases.⁶

of death certification by allowing recording of the direct cause of death, the sequence of causation and any associated conditions that may have contributed to the death. Under optimal conditions, death certificates provide a useful source of cause-specific mortality data and there is evidence that the new form is improving the epidemiological value of death registration in South Africa.^{1,6}

We studied the death notification forms for almost 2 000 children who died at an urban children's hospital in Cape

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