

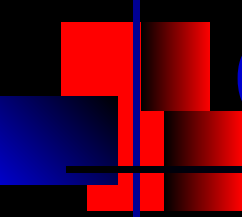


Treatment of HIV-Related Illnesses and AIDS

Is HIV and AIDS the same thing?



World AIDS Campaign



Chapter 21.1 Key Terms

- Human Immunodeficiency Virus (HIV)- virus that primarily infects cells of the _____ and that causes AIDS
- Acquired Immune Deficiency Syndrome (AIDS)- disease that is caused by HIV infection, _____
- Pandemic- disease that spreads quickly through human populations all over the world



HIV

- “Human Immunodeficiency Virus”
- A specific type of virus (a retrovirus)
- _____

- No Cure



AIDS

- Acquired Immunodeficiency Syndrome
- HIV is the virus that causes AIDS
- Disease limits _____

- A person with AIDS has a _____

- No Cure



Chapter 21.2 Key Terms

- Helper T Cell- white blood cell that activates the immune response and that is the primary target cell of HIV infection
- Opportunistic Infection- illness due to an organism that causes disease in _____; commonly found in AIDS patients
- Asymptomatic stage- infection in which the infectious agent, such as HIV, is present but there are _____

Three Phases of HIV



Phase 1- Asymptomatic Stage

- Short, flu-like illness, swollen glands, fatigue, diarrhea, weight loss, or fevers - occurs one to six weeks after infection
- _____ at all
- Infected person can infect other people
- Lasts for an _____
- HIV antibodies are detectable in the _____



Phase 2 - Symptomatic

- The symptoms worsen

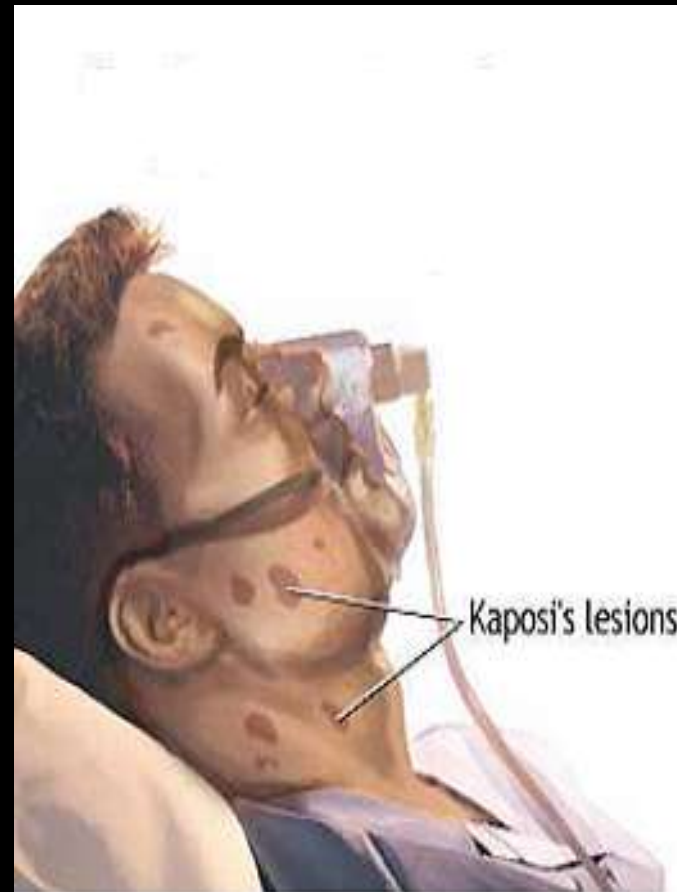
- Mental changes, _____



Phase 3 - HIV ⇒ AIDS

- Immune system weakens
- Emergence of _____

- The illnesses become more severe leading to an _____



Opportunistic Infections associated with AIDS

- Tuberculosis (TB)
- Pneumocystis pneumonia

purple-red blotches on the skin

- Influenza (flu)



Modes of HIV/AIDS Transmission





Through Bodily Fluids

- Blood products

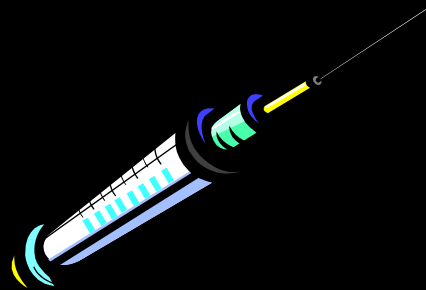
- _____

- Vaginal fluids

- _____

Through IV Drug Use

- Without sterilization
- Increases the chances of contracting HIV



Through Sex



- Intercourse (penile penetration into the vagina)

- _____

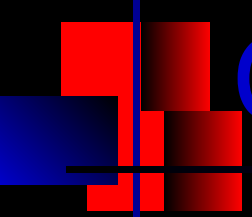
- Anal

- _____

Mother-to-Baby

- _____
- During Birth
- _____
- After the birth





Chapter 21.3 Key Terms

- _____ - set of procedures used to avoid contact with body fluids & to reduce the risk of spreading HIV & other diseases
- HIV-antibody test- detects HIV antibodies to determine if a person has been infected with HIV
- HIV Positive- person who tests positive in _____
- Drug Combination Therapy- AIDS treatment program in which patients regularly take _____



Testing Options for HIV

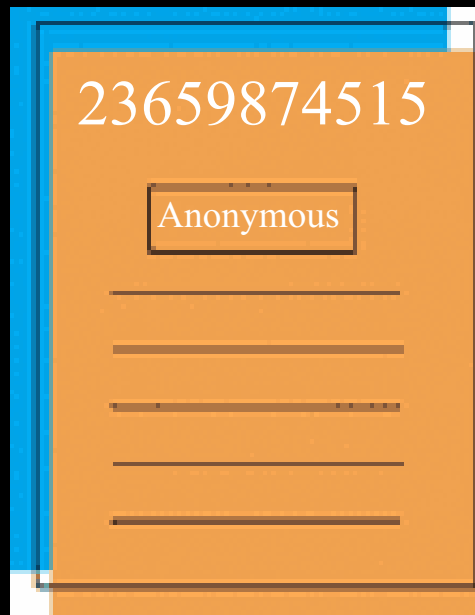
Anonymous Testing



- _____ is used

- Unique _____

- Results issued only to _____





Confidential Testing

- Person's name is recorded along with HIV results



- Results issued only to test recipient

Oral Testing

■ Orasure

- The only FDA approved HIV antibody.



- Draws blood-derived fluids from the _____

- NOT A SALIVA TEST!





T cell count test

- Shows the strength of a _____

- This test can also tell whether a person



Viral load test

- Measures of the _____
in the blood
 - The higher the viral load, the more
infectious the person's body fluids are
likely to be and the _____
-



Retest

- Should be retested _____
after the first test
 - An initial negative test can be
misleading if the test is done _____
-

Treatment Options





Three ways to protect yourself?

- Practice abstinence
- _____ - Monogamous Relationship
- _____, syringes, drug injection equipment, or any item that may put a person in contact with blood



Abstinence



- It is the _____ of not acquiring HIV/AIDS.
- Refraining from _____: oral, anal, or vaginal.
- Refraining from _____

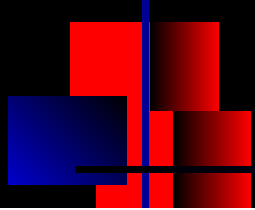


Monogamous relationship

- A mutually monogamous (_____ relationship with a person who is not infected with HIV
- HIV testing _____ is necessary to prove your partner is not infected



Protected Sex



- _____ (female or male)
every time you have sex (vaginal or anal)
- Always use _____ or polyurethane
condom (not a natural skin condom)
- Always use a _____



When Using A Condom

Remember To:

- Make sure the package is _____
- Make sure to _____
- Do not open the package with your teeth for risk of tearing
- Never use the condom more than once



HIV/ AIDS drugs

- Side effects include _____

- 30% of people who start taking some of these drugs become so sick they have to _____