

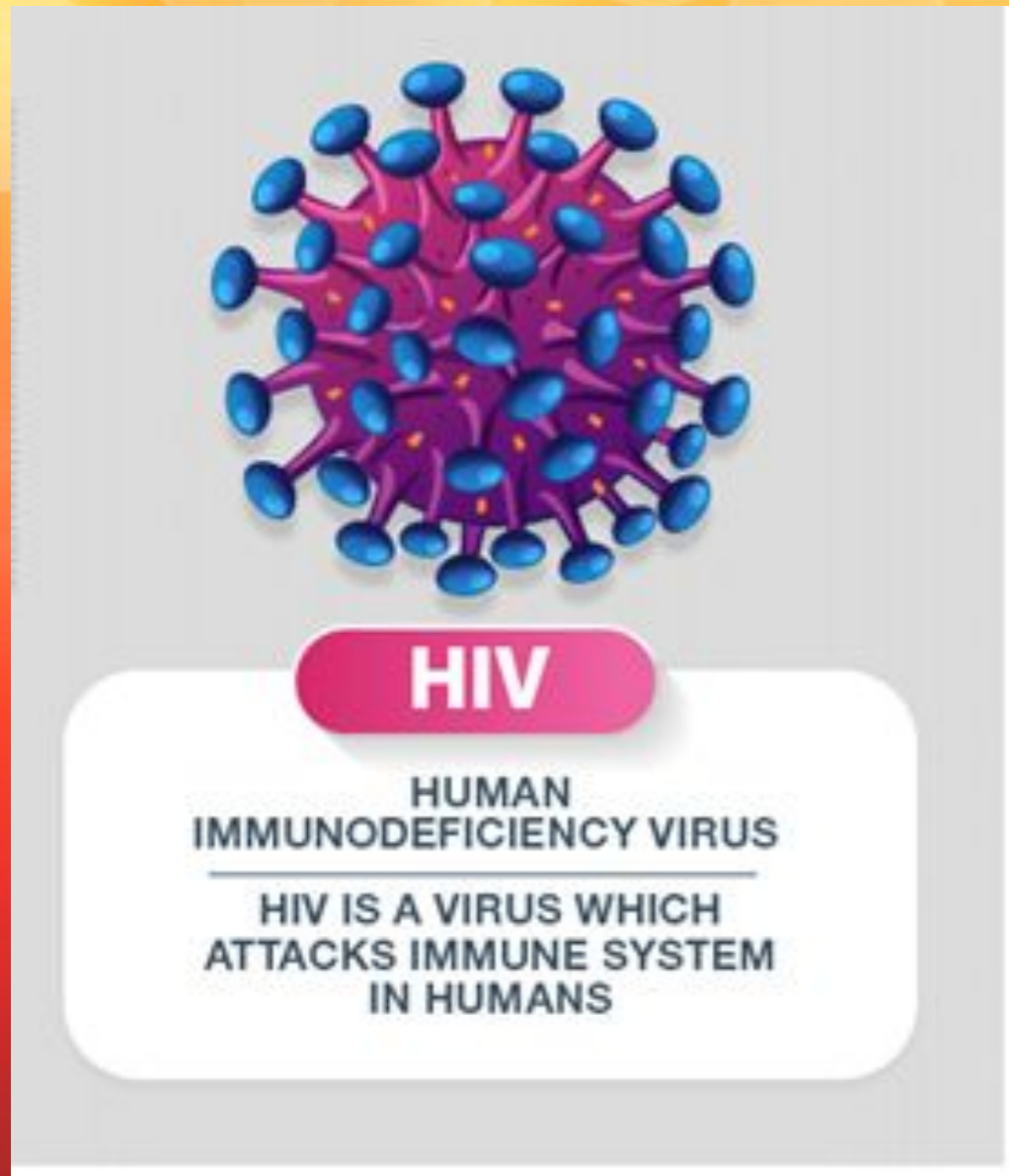
**HIV**

Human Immunodeficiency Virus



# What is HIV

- The Human Immunodeficiency Virus is a virus that attacks and deteriorates the body's immune system. The immune system is the body's natural defense against infections such as the common cold. HIV is the virus that causes AIDS.



The virus can be transmitted through contact with infected blood, semen or vaginal fluids. Within a few weeks of HIV infection, flu-like symptoms such as fever, sore throat and fatigue can occur. Then the disease is usually asymptomatic until it progresses to AIDS

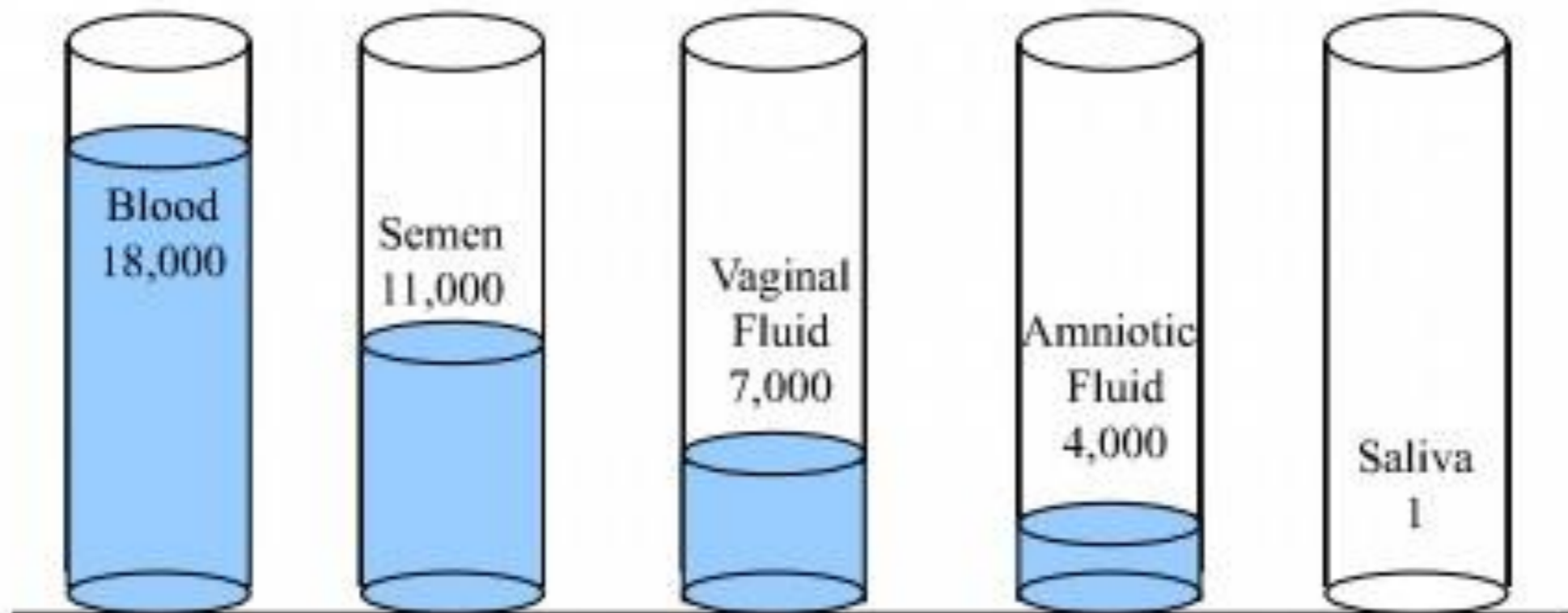


# HIV Transmission

- HIV enters the blood stream through many ways explained below:
  - Open cuts
  - Breaks in the skin
  - Mucous membranes
  - Direct injection
  
- Common fluids that are a means of transmission:
  - Blood
  - Semen
  - Vaginal secretions
  - Breast milk



# HIV in Body Fluids



Average number of HIV particles in 1 ml of these body fluids



# Window Period

This is the period of the time after becoming infected when an HIV test is negative.

90 percent of cases test positive within three months of exposure.

10 percent of cases test positive within three to six months of exposure.



# Treatment

- Scientists are trying to develop a cure for AIDS. There are three parts to finding the cure. They are :



- To devise a drug that will kill HIV once it enters the body.
- To create a vaccine that would prevent the disease.
- To educate people world wide about the dangers of AIDS and how to prevent infection.



# Prevention

- There are a few simple ways to protect yourself and others against HIV.
- They include abstinence, using a male or female condom, and never sharing a needle when injecting drugs.
- You can buy [gefitinib 250 mg](#) You can buy gefitinib 250 mg or [osicent 80](#), which are prep medicines that helps people who do not have HIV but who are at very high risk of getting HIV to prevent HIV infection by taking a pill every day.
- Important thing to remember about the side effects of gefitinib, osicent is most people do not experience all the side effects. Thus you should definitely consult a doctor in order to have these [generic prep medicines](#).



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