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## //HIV PROTECTION DEVICE

(PUBLIC AWARENESS, BROAD INFO)

WHO [World Health Organization]

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### HIV symptoms

Knowledge about HIV symptoms will not replace a HIV Test. It is essential, that you - if you have a suspicion to be HIV positive - visit a doctor and do a HIV test.

#### A HIV test should be done, if you:

- have alternate-sex partners
- come / came into contact with blood of a third person
- received a blood donation (HIV screening to own safety!)
- have a new sex partner (the test should be done in this case with both partners)
- have an increased risk to be infected with HIV

**Attention:** Viewed alone, and in many other cases, the following symptoms are *not directly related to HIV* (opportunistic infections). For your own safety and to exclude uncertainties, we recommend an HIV-test in each case!

#### Most recent HIV and AIDS symptoms

- rapid weight loss
- dry cough and shortness of breath
- chronic-fatigue
- swollen lymph nodes in the armpits, bar, or neck
- spots on the tongue, mouth, the nose or on the eyelids
- pneumonia
- memory loss



- lasting depression and other neurological disorders

The following medical conditions can be - in accordance with long-standing - also in connection with an HIV infection:

- fever (longer than one month)
- night sweat (longer than one month)
- diarrhea (longer than one month)

### Stages of infection

In 1990, the World Health Organization (WHO) grouped the following infections and conditions together by introducing a staging system for patients infected with HIV-1. An update took place in September 2005. Please note, that most of these conditions are opportunistic infections that are easily treatable in healthy people.

- Stage I:** HIV infection is asymptomatic and not categorized as AIDS. Attention: even in this stage, HIV is infectious!
- Stage II:** includes minor mucocutaneous manifestations and recurrent upper respiratory tract infections.
- Stage III:** includes unexplained chronic diarrhea for longer than a month, severe bacterial infections and pulmonary tuberculosis.
- Stage IV:** includes toxoplasmosis of the brain, candidiasis of the esophagus, trachea, bronchi or lungs and Kaposi's sarcoma; these diseases are indicators of AIDS.

### Why HIV-Symptoms?

We operate this page to inform as many people as possible about the symptoms of HIV and hope, that this information will - directly or indirectly - prevent new infections.

We would like to point out that the owners of this site are neither doctor nor have professional medical training. The contents of this site are not binding and can neither confirm HIV infection, nor falsify. We recommend to do a HIV test at a doctor or hospital or any other specialized, professional medical organization.

The symptoms are verified by the following public sources: WHO [World Health Organization], International AIDS Society, [aids.gov](http://aids.gov) [U.S. Government]



## HIV-Test

There are several possibilities to test blood, urine or other tissues to the presence of HI-Virus / anti-HIV. What is well-known as the 'AIDS test' or as 'HI virus screening' is not in any sense the evidence of th HI-Virus itself, but the man produced antibodies against the real virus. The exception is with the **PCR** tests, which search for viral using nucleic acids (RNA) for evidence.

Home Access HIV Test Kit	
Price	Product
\$44.00	Express Test Kit (3 Days)
\$59.95	Standart Test Kit (7 Days)
The ONLY FDA Approved Home HIV Test Kit	
<a href="http://www.HomeHIVTestKit.com">Visit www.HomeHIVTestKit.com</a>	

## ELISA & Western blot



Most common are the **ELISA** and Western blot methods. These two methods are always used together: ELISA is appropriate to the risk of false negative results to reduce during the detailed **Western blot test** avoids false positive results. ELISA as Western Blot tests are cheap and they are about two to three months after a possible infection of high accuracy, but it is two to three weeks after a suspected infection can be used.

A positive ELISA result alone is not a reliable diagnosis for HIV infection, so it is always accompanied by Western blot applied, and it may happen that a healthy person months after a positive ELISA again a negative finding. Antibody tests can after recent acute illnesses, flu vaccinations and allergies false positive findings.



## PCR testing

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The direct detection of viral genome using PCR is the most reliable but also the most expensive method. The PCR test can be done a few days after infection. The PCR is used for the monitoring of antiretroviral therapy (**HAART**), as well as used in case of blood transfusion.



## General information on HIV

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HIV, also known as human immunodeficiency virus, is a disease caused by an infection with the HI virus. The virus is very aggressive and attacks the human immunology as long as it collapses. HIV is deadly.

Infected people have to be medicated as soon as possible in order to ensure the most comfortable life, possible. The earlier the medication begins, the long the patients will live. If a patient got infected during the last years, the average time of viability is about a couple of decades (!). Thus, HIV is getting more and more a chronic illness.

Nonetheless, HIV is a very dangerous disease. The only treatment is the prevention itself. So please prevent HIV - use condoms and don't get in touch with body fluids of other people! If you don't know your HIV state, please ask your doc to test you on HIV antibodies!



## HIV infection

The infection routes of HIV are medically proven and well-known. Nevertheless, the AIDS epidemic continues. Therefore, we would like to point out that you should be aware of the following transmission routes. Protect yourself and third by the fact that you avoid a HIV infection!

### Forms of transmission:

- Anal sex
- Vaginal sex
- Oral sex
- Blood transfusion
- Contaminated hypodermic needles
- Exchange between mother and baby during pregnancy
- Childbirth
- Breastfeeding
- Any other exposure to bodily fluids

## Symptomatic disease course of HIV

HIV shows a special disease course. This course can be divided into four special stages of infection. The range of time, that every stage takes, depends on the patients and especially on the medical treatment. The variety of life expectancy is very huge. We recommend to start medical treatment as soon as possible so live as long and as normal as possible with the HIV virus.

### Acute HIV

Up to 90 percent of HIV infected people show the following symptoms. They appear a few days to six weeks after infection. There can be flu-like symptoms such as fever, head and neck pain, swollen lymph nodes and rash.

### Asymptomatic infection (latency period)

The second phase is an asymptomatic phase about up to nine years. Nevertheless, the virus multiplies in this time and destroys the needed immune cells. Even if there are no acute HIV symptoms, the virus can be transferred by the known ways of infection.

### Lymph node syndrome

About 50 percent of the infected people suffer under a lymph node swelling.

### HIV-associated diseases

This stage develops around ten years after infection. If a patient shows a lot of HIV-symptoms, he suffers under **AIDS**.



## HIV treatment

The HIV treatment is based on an **antiretroviral therapy** (ART), which means taking HIV-suppressing drugs and treatment of secondary disease to slow the progress. As the virus is quickly developing resistance to individual drugs, the HIV treatment needs to be changed. Therefore several medications were given. This method is called '**Highly Active Antiretroviral Treatment**' (HAART).

Antiretroviral therapy can significantly extend the life expectancy of HIV-infected people, but it can't completely erase the virus. It also can have serious side effects. Once started ART should not be discontinued, in order to prevent resistance. For the same reason, patients have to take tablets regularly.

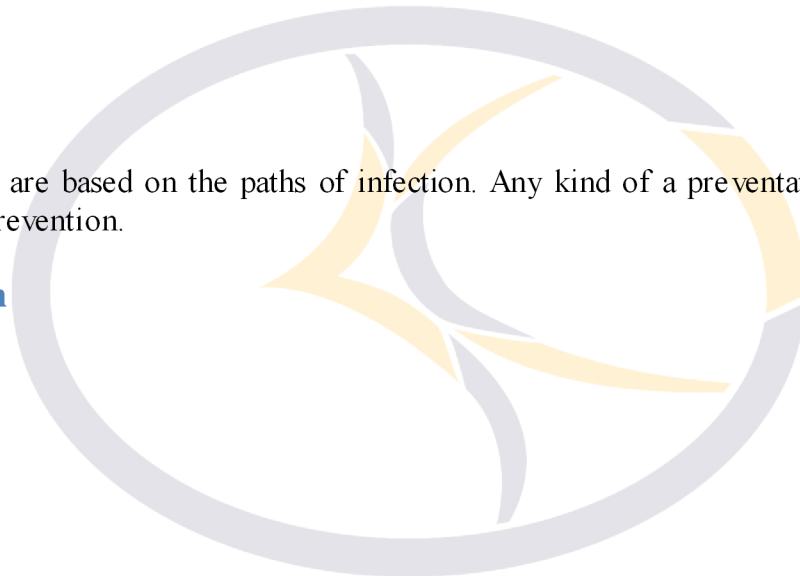
This results in a high burden on the patient. The therapy enables **to live as normal as possible**.

## HIV prevention

Types of prevention are based on the paths of infection. Any kind of a preventative protection can be seen as active HIV prevention.

### Ways of infection

- anal sex
- vaginal sex
- oral sex
- blood transfusion
- contaminated hypodermic needles
- exchange between mother and baby during pregnancy
- childbirth
- breastfeeding
- any other exposure to bodily fluids







## Pregnancy

Please note that in particular pregnant women (in industrialized countries) can avoid the assault of the virus to the unborn child. There are certain drugs, which prevent the transfer of the virus to the baby. These drugs have a fairly high level of reliability - the chance of an HIV negative child is high, if the mother joins medical treatment at the beginning of pregnancy.

Furthermore, we have explicitly pointed out that unprotected sexual intercourse is one of the main transmission routes for the HI virus. Condoms protect against the transmission of body fluids and therefore also against HIV. Nevertheless, even condoms can't give a 100 percent protection against HIV, because they may break, burst and slip. For your own safety and the safety of your partner you should make a preventive HIV test before having sex.

## Illegal drugs

In addition, the HI virus is often transferred under drug addicts by using unsterilized needles and syringes. If you consume hard drugs, you should always use fresh needles and syringes to protect against a HIV infection. It's much better and safer to stop taking illegal drugs!

## AIDS help

An hiv positive test does not mean that life is over! Life is still worth living, exciting, interesting and -if you organize it properly- happy. It is imperative that you contact your **doctor** or a **hospital** as soon as possible.

Additionally, psychological help or simply a contact person is a great advantage. Furthermore, the exchange of **HIV** positives is strongly recommended - therefore, we advise the visit of the following offers of international **AIDS help organisations** and (!) to inform about the **local offers** in your region.

- UNAIDS :- The Joint United Nations Programme on HIV/ AIDS
- Aids Help Inc. > AHI informs and helps since 1986
- American Red Cross > General information, HIV testing, blood transfusions...
- CDC.gov > U.S. Centers for Disease Control and Prevention



## SOME SERIOUS ISSUES

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Please visit below site for donations and choose concern country or category

<http://www.unicefusa.org/donate/>

**(At least \$5 from 5 persons, unite and give)**

\$1 value for you

- 1) One waste drive ride once in a week, without reason.
- 2) Some extra phone calls for a week, as a habit, as a time pass, as unwanted, as any reason.
- 3) Some messages for a week, unwanted, as for extra relation, as any reason.
- 4) Some extra eat, just showoff, or forcefully, or habit.
- 5) Some extra luxury, even not needed every time.

If all are essential then sacrifice any one for \$1 for a week.

After donating forward your name and amount of donation on [info@brainchamber.net](mailto:info@brainchamber.net). Provide proof, which you will know after donating. We will update your names after 3 months interval.

### LIST OF DONORS:-

- 1) Jayant Bhatiya:- \$50, Bihar, India (donated for INDIA, HIV)
- 2) Vaijyani Surendra:- \$250, Tamilnadu, India (donated for INDIA, HIV)
- 3) Rahul Yadav:- \$100, Bihar, India (donated for INDIA, HIV)
- 4) Saloni Yadav:- \$100, Bihar, India (donated for INDIA, HIV)
- 5) Prajot Gurendra:- \$550, Punjab, India (donated for INDIA, HIV)





## BACKGROUND

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It's a mankind based research of Brain Chamber. In 2005-6 we have carried out research for the sake of all living beings; Mr. Uday has sincere awareness in this research. He believes when transmembrane pedicle glycoprotein growth got restricted then we can control on HIV (Proposed). Mr. Bodre was a key supporter of this project. Mr. Ganesh G. Tengshe and Uday both were working for this research at base of Shivaji University Chemistry department. Both are having dreams regarding this research for sake of one HIV patients. In collection of HIV blood many hospitals have restricted both to give blood sample. Later both have engaged in getting test on rats with help of Mr. Bodre of zoology department of same University. Both have faced lot of problems wherein they have made some electro-chemistry based device on practical platform. They have made jell for blood vanes. Later on some bad conditions were raised and theory stays behind for practical existence. Company has decided to launch this research in future.

Some blocks are remained.....will update, soon.

### **Mr. Ganesh G. Tengshe:-**

(Technological evangelist, scientist and father of foundation of Brain Chamber)

