

"Infection with HIV- challenge of the XXI century"

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We are living during the time of Great Discoveries, when man can arrange things, in such a way, that he wouldn't miss anything that can make him happy. Since the early development in medicine, man wanted to seek a drug that would bring perfection to his inner state and would serve as a resistant shield against all diseases.

Contemporary medicine is fighting with the number of young people infected with HIV. It's a virus that affects the immune system. Consequently, it becomes vulnerable to many infections and diseases. HIV attacks a particular type of immune cells, known as CD4. Moreover, once HIV has entered the body, the immune system will never fully get rid of it. The virus is transmitted through blood, semen, genital secretions, cerebrospinal fluid and breast milk. Without medical treatment HIV progress to the stage of AIDS in average of a period of ten years. At this stage the number of immune system cells left in the body is below a certain level. At this stage the body is unable to fight the infection. [2]

The most effective treatment for HIV is antiretroviral therapy, which consists of a combination of drugs. Treatment is focused against HIV-AIDS retrovirus replication and stimulation of immunity. In 2008 it was studied the efficacy of the drug, that was based entomologic- imunopurin in the treatment of a patient infected with HIV. Examination was made on a male patient of the age of 37 years, diagnosed with HIV. He followed one treatment course for 9 months with imupurin - a new preparation immunomodulation of entomological origin obtained from insects of the order Lamantria family Lepidoptera. As a result of action of the drug, it was observed positive dynamics of disease with viral load. [1]

There is no medicine that will treat HIV; nevertheless, doctors from the "Berlin Charite Hospital" manage to remove virus from a patient with leukemia, also infected with HIV. It has been found a donor with a certain genetic mutation that helps the body to resist HIV attack. Hence, doctors used his bone marrow to treat the patient. The surgery has a great success: the leukemia was treated and the virus disappeared. Anyway, doctors don't avoid the thing that virus can come back anytime. [3]

HIV is a virus with that can survive decent if you know how to look after your life. You have a choice: become a good friend with your illness, accepting that this is your destiny, or destroy yourself falling into a depression that will do nothing good but bring you an end much faster. I think this applies to everyone not only HIV positive!

Источники и литература

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