

TRANSMISSION ROUTES AND PREVENTION MEASURES CAUSED BY THE HUMAN IMMUNODEFICIENCY VIRUS

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Annotation

Considered the most pressing and global problem of the health system, HIV-infection is distinguished by the fact that it is widespread in all countries of the world.

Based on the Joint Program on HIV infection (United Nations) prepared by the World Health Organization (WHO) and the United Nations (UN) and the information contained in it, we will see that the incidence of this infection has stabilized for some time around the world. Despite the measures and programs being taken, more than 650,000 people died from AIDS in 2021 and 1.5 million people were infected with HIV infection [3].

Keywords: HIV, sexual route, vertical, immunity, AIDS, virus.

Аннотация

ВИЧ-инфекция, считающаяся наиболее актуальной и глобальной проблемой системы здравоохранения, отличается тем, что она широко распространена во всех странах мира. Основываясь на Совместной программе по ВИЧ-инфекции (ООН), подготовленной Всемирной организацией здравоохранения (ВОЗ) и Организацией Объединенных Наций (ООН), и содержащейся в ней информации, мы увидим, что заболеваемость этой инфекцией на некоторое время стабилизировалась во всем мире. Несмотря на принимаемые меры и программы, в 2021 году от СПИДа умерло более 650 000 человек, а 1,5 миллиона человек были инфицированы ВИЧ-инфекцией [3].

Ключевые слова: ВИЧ, половой путь, вертикальный путь, иммунитет, СПИД, вирус.

Every year in the Republic of Uzbekistan, taking into account newly detected cases of HIV infection, there is an increase in the number of people living with HIV infection. Looking at the situation in 2017-2019 in the long-term dynamics of morbidity in 2017, the number of people registered with HIV is 4025, of which 2293 are men and 1732 are women. In 2018, the number of cases reached 4060, including 2303 men and 1757 women. In 2019, 3983 cases were registered, of which 2291 were men and 1692 were women.

<https://conferencea.org>

In 2019, the largest number of registered HIV – infected people and the highest incidence rate are located in Tashkent city – 671, Andijan region-562, Tashkent region-554, Samarkand region – 434. The lowest rate is in Navoi region – 56 people are infected with HIV.

It turned out that in recent years, about 3.9-4.2 thousand people have been registered on average in the Republic of Uzbekistan. HIV-infected people per year.

Currently, there are three ways of transmitting the human immunodeficiency virus: 1. Sexual transmission path. 2. Parenteral transmission pathway. 3. Mother-to-child transmission (vertical) [4].

In 2027, Uzbekistan intends to increase the number of people with HIV who are aware of their status to 95%, to 95% of those covered by special treatment, and to achieve an undetectable level of viral load in 95% of those treated. By the same date, it is planned to eliminate mother-to-child transmission of HIV. In this regard, many laws, resolutions and presidential decrees have been adopted in the Republic, which is the main one for combating HIV infection. For example: such as:

The Law of the Republic of Uzbekistan dated September 23, 2013 No. 353 “**On countering the spread of the disease caused by the human immunodeficiency virus (HIV infection)**” and the Decree of the President of the Republic of Uzbekistan dated January 20, 2023 “**On measures to further strengthen the system of countering the disease caused by the human immunodeficiency virus**” PP No. 14. In the resolution, a comprehensive program of measures for 2023-2027 was approved to improve the effectiveness of combating the spread of HIV infection among the population.

Currently, 78 laboratories for the diagnosis of HIV infections are functioning in the Republic of Uzbekistan. Of these, 15 are laboratory complexes at AIDS control centers and 63 are inter-district laboratories.

Summing up, it can be said that raising the level of awareness of the population and medical personnel about HIV infection, providing complete information about this infection among the population and developing preventive measures are now extremely necessary.

References:

1. Law of the Republic of Uzbekistan No. 353 of September 23, 2013 " On countering the spread of the disease caused by the human immunodeficiency virus (HIV-infection)".
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3. <https://www.who.int/ru/director-general/speeches/detail/who-director-general-s-opening-remarks-at-the-media-briefing---2-december-2022>
4. <https://www.who.int/ru/news-room/questions-and-answers/item/hiv-aids>