

Covid 19 Current Clinical Course

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Abstract: in today's article "COVID-19" As the risk of a pandemic remains and the possibility of re-infection with the coronavirus is high, it is important to be vaccinated regardless of whether you have been infected with the virus before.

Key words: "Covid-19", anti-vaccination, protection of public health, protection from tuberculosis infection, prevention of spread of non-specific tuberculosis and lung diseases, stable sanitary-epidemiological situation.

As part of the clinical trials of the Chinese ZF 2001 vaccine against coronavirus in Uzbekistan, first-degree side effects (allergic reaction, slight fever, headache) were observed in 5 people who received the vaccine. This was reported by Daniyoy Ganiyev, a deputy of the Legislative Chamber of the Oliy Majlis, who participated in the next meeting of the special commission of the Republic at the Cabinet of Ministers. For comparison, this figure is 2-3.8 percent at Pfizer/BioNTech, and 0.3-0.4 percent at Sputnik V. Second and third-degree side effects were not observed. If the results of these clinical trials are successfully completed, the Ministry of Innovation proposes to use this vaccine in the vaccination of the population in Uzbekistan and for this, the Special Commission will issue a permit for the emergency use of the vaccine (EUA). If such permission is granted by the special commission, the Chinese vaccine will be delivered to Uzbekistan at preferential prices and in sufficient capacity. It is also planned to commercialize the vaccine in the country under the name ZF-UZ-2001 in cooperation with the government of Uzbekistan. According to the chairman of the special commission, the Chinese company in cooperation with local pharmaceutical companies, ZF-UZ-2001 vaccine has the capacity to develop up to 300 million units this year and can deliver sufficient vaccine doses based on the population of Uzbekistan and government requirements. This will make it possible to vaccinate the country's population by the end of 2021.

Also, the head of the government informed that negotiations on the free delivery of about 2.5 million AstraZeneca vaccines to Uzbekistan by the International Vaccine Union (GAVI) are being completed. Depending on the conclusion of the negotiations, the first 800,000 of these vaccines are expected to be delivered to Uzbekistan in March of this year. We remind you that vaccination against coronavirus in Uzbekistan will begin in the first half of March. First of all, people with a high risk of contracting the coronavirus are vaccinated, and it is carried out only on a voluntary basis. In Uzbekistan, it is planned to allocate 3 trillion soums for anti-coronavirus measures and a vaccine. In addition to the Chinese vaccine, there is also a plan to localize the production of the Russian Sputnik V vaccine in Uzbekistan. Russia is waiting for Uzbekistan to choose a company that will launch the production of the "Sputnik V" vaccine. The most frequently asked questions about the vaccination against COVID-19 were answered by the head of the department of the sanitary-epidemiological peace and public health service, Dilorom Tursunova. SSV press service.

- How do vaccines work?

— Vaccines create a protective system together with the body's natural immunity, reducing the risk of disease transmission. After the vaccine is injected into the human body, the immune system begins to respond to it. That is, the immune system detects the "agent" that has entered the body (virus or bacteria) and then begins to produce antibodies. Antibodies are proteins produced naturally by the body's immune system to fight disease. He remembers how to fight the disease. If a person is exposed to a microbe again in the future and develops symptoms, the immune system will quickly begin to destroy it.

In short, a vaccine is a safe and effective tool that helps the body develop immunity against a disease.

— Why is vaccination against "Covid-19" necessary?

- According to experts, 60-70 percent of the population cannot effectively fight against the coronavirus without developing immunity against it. In this sense, the vaccine against "Covid-19" is the only effective factor in curbing the pandemic. It is true that preventive measures such as wearing a mask, maintaining social distance, using antiseptics and refraining from going to public places reduce the possibility of contracting the virus or passing it on to others. effective action, but these measures are not enough to curb the pandemic.

Vaccines strengthen the human immune system and take an active part in the fight against infectious viruses. By vaccination, we protect not only ourselves, but also those around us from contracting the disease.

—Does a person treated for COVID-19 need to be vaccinated against it?

- Yes. Because the risk of a pandemic remains and the possibility of re-infection with the coronavirus is high, it is important to get vaccinated, regardless of whether you have been infected with this virus before. Because "acquired immunity" after vaccination is important. to get vaccinated, regardless of whether you have been infected with this virus before. Because "acquired immunity" after vaccination is important. That is, natural and acquired immunity formed as a result of vaccination against "Covid-19" forms a strong defense against the disease. In our country, there are clear measures to protect public health, protect against tuberculosis infection, prevent the

spread of non-specific tuberculosis and lung diseases, and maintain a stable sanitary and epidemiological situation. goal-oriented work is being carried out. Emphasis is placed on developing and implementing the most effective clinical practices for TB prevention. The comments of Nargiza PARPIYEVA, director of the Republican Center for Scientific and Practical Medicine of Specialized Phthisia and Pulmonology: As a result of the proper establishment of the phthisiatric service and the work done on disease prevention, our country was recognized at the international level, taking 3rd place among the 53 countries that are members of the European Regional Bureau of the World Health Organization. Previously, it took 34 months to diagnose tuberculosis. As a result of the implementation of new methods of diagnostics and treatment, the disease can now be accurately diagnosed by the gene-molecular method in just 70 minutes. Thanks to the use of modern and advanced advances in treatment, the incidence rate of tuberculosis in our country has decreased by 2.5 times, the death rate by 68 times, and the effectiveness of treatment has reached 91.2% today. At the moment, our scientists are conducting scientific research to shorten the treatment course of tuberculosis patients by another six months. Anti-tuberculosis measures implemented in our country are determined by the legislative system of our country, including laws, Presidential decrees and decrees, government decisions, and national programs in the health system. Before implementing any reforms, the problems in the system must be studied. Consistent plans for its solution are drawn up, programs adapted to the local system are developed based on the results of international experience. In order to solve the problems in this regard, to further improve the specialized medical services provided to the population in the fields of phthisiology and pulmonology, and to strengthen measures to ensure a stable sanitary-epidemiological situation in our country, to strengthen the resource potential of institutions in the system, the President's order of February 13, 2019 "Provision of specialized phthisiatric and pulmonology care" the decision on measures to improve the system" was adopted. In order to ensure the implementation of the tasks specified in this decision, phthisiatrics and pulmonology centers were established under the anti-tuberculosis dispensaries of the Republic of Karakalpakstan, regions and Tashkent city. Centers for remote innovative training and monitoring have been launched at the base of the Republican Scientific Center and in all regions using the method of telemedicine. After all, the advantage of telemedicine became known during the coronavirus pandemic. This method will become one of the foundations of medicine in the future. All patients diagnosed with tuberculosis and resistant type of tuberculosis in our country are fully covered by the universal treatment method. As a result of the establishment of a system of psychosocial treatment of patients by the multidisciplinary groups operating in the anti-tuberculosis system, the process of early termination of treatment was reduced twice. Also, the practical implementation of the principles of drug management for the purposeful use of anti-tuberculosis drugs of the phthisiatric system has raised the work in this regard to a new level. Currently, patient-oriented individual treatment methods, ambulatory and video-monitored treatment from the early stages of the disease, shortened 6- and 9-month treatment methods, and modern surgical methods are used in the treatment of pulmonary and extrapulmonary tuberculosis. According to the "TB Practical" project of multidisciplinary international investigations, new, modern anti-tuberculosis drugs are being tested for the treatment of patients infected with the resistant type of tuberculosis and its severe forms.

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