



## Benefits of Coronavirus Vaccine in COVID-19 Pandemic

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### DESCRIPTION

Vaccines against COVID-19 have been developed based on science that has been on the books for years. These vaccines are not experimental. They have gone through all stages of development with each new scientific breakthrough. Additionally, due to all the chaos this virus has caused worldwide, COVID-19 specific vaccinations are constantly being monitored by several health authorities. Therefore, it is important that all citizens participate in immunization campaigns organized by local governments or other organizations that officially provide vaccines. Below is a list of important immunization details that are essential in order not to miss our COVID-19 vaccination.

As soon as we get our first vaccination, our body starts making antibodies against coronavirus. These antibodies help our immune system fight the virus if we are exposed to it, reducing our chances of getting sick. There are four vaccines available in the United States, all of which are effective in preventing infection.

It is true that it is possible to become infected after vaccination, but that chance is further reduced when large portions of the population are vaccinated. Centers for Disease Control and Prevention (CDC) track confirmed COVID-19 hospitalizations by vaccination status. Among adults over the age of 18, unvaccinated people were 3.5 times more likely to be hospitalized than fully vaccinated people. A 12- to 17-year-old adolescent is 2.1 times more likely to be hospitalized than a fully vaccinated individual.

Immunization is the most important thing we can do to protect ourselves and our children from disease. It prevents up to 3 million deaths worldwide each year. Since the introduction of vaccines in Britain, diseases such as smallpox, polio and tetanus that have killed or crippled millions have either disappeared or become very rare. Other diseases such as measles and diphtheria have declined by up to 99.9% since the vaccine was introduced. But if people don't get vaccinated, the infection can spread rapidly again.

According to the WHO, vaccination is a simple and safe way to protect ourselves from exposure to harmful diseases because it activates the body's natural defenses and learns to resist certain infections and strengthens the immune system.

In this sense, vaccination against COVID-19 reduces the risk of becoming seriously ill and dying as the person is better protected. Immunity is not 100%, because even a vaccinated person can get sick. However, the effects on the body are likely to be much less.

### The main benefits of vaccination

- COVID-19 vaccines can also prevent us from becoming seriously ill even if we contract the virus.
- COVID-19 vaccines are safe and effective.
- By getting vaccinated ourselves, we also protect the people around us.
- It is a safer way to develop immunity.

A COVID-19 vaccine is being rapidly developed, but every step has been taken to ensure its safety and efficacy.

- COVID-19 vaccines were developed using science that has been around for decades.
- Before the COVID-19 vaccine was recommended, scientists conducted clinical trials on thousands of children and adults and found no serious safety concerns.
- Hundreds of millions of people in the US are receiving the COVID-19 vaccine as part of the most intensive surveillance program in US history.
- Serious side effects that could cause a long-term health problem are rare following any vaccination, including COVID-19 vaccination.
- The benefits of COVID-19 vaccination outweigh the known and potential risks.

After vaccination, continue to practice all current precautions recommended by the Centers for Disease Control and Prevention (CDC) and based on the latest community-level COVID-19 data.

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