Editorial



Possible Side Effects After Getting a COVID-19 Vaccine

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COVID-19 vaccination will help protect you from getting COVID-19. It may have some side effects, which are normal signs that your body is building protection. These side effects may affect your ability to do daily activities, but they should go away in a few days. Some people have no side effects. Across the globe, there are currently 15 COVID-19 vaccines that are authorized for use in at least one country each.

COVID-19 vaccines are safe, and getting vaccinated will help protect you against developing severe COVID-19 disease and dying from COVID-19. You may experience some mild side effects after getting vaccinated, which are signs that your body is building protection. These vaccines are highly effective, but they are also "reactogenic," meaning that they're likely to cause a noticeable immune response.

Side effects may vary with the type of COVID-19 vaccine. We know the most about side effects following vaccination with the Pfizer and Moderna messenger RNA—or mRNA—vaccines. The most common side effects following COVID-19 vaccines are fatigue, a fever, headaches, body aches, chills, nausea, diarrhea, and pain at the site of injection, according to the World Health Organization

After getting the COVID-19 vaccine, some people don't notice any pain at the injection site, and they also don't feel run-down or achy in any way. That's normal and expected when it happens. Many people who were vaccinated during the COVID-19 clinical trials experienced no symptoms but were found to be protected by the vaccine.

If you have had a severe allergic reaction (anaphylaxis) or an immediate allergic reaction to any ingredient in the vaccine you are scheduled to receive, you should not get that vaccine.

Different Types of COVID-19 Vaccines

Pfizer-biontech

The FDA expanded the emergency use authorization for the Pfizer-BioNTech COVID-19 Vaccine to include adolescents 12 through 15 years of age. On June 25, 2021, the FDA revised the patient and provider fact sheets regarding the suggested increased risks of myocarditis (inflammation of the heart muscle) and pericarditis (inflammation of the tissue surrounding the heart) following vaccination. The emergency use authorization allows the Pfizer-BioNTech COVID-19 Vaccine to be distributed in the U.S.

Side Effects of Pfizer biontech

Pain, Redness, Swelling, Tiredness, Headache, Muscle pain, Chills, Fever, Nausea. These side effects happen within a day or two of getting the vaccine. They are normal signs that your body is building protection and should go away within a few days.

Moderna

The FDA revised the patient and provider fact sheets regarding the suggested increased risks of myocarditis (inflammation of the heart muscle) and pericarditis (inflammation of the tissue surrounding the heart) following vaccination. The emergency use authorization allows the Moderna COVID-19 Vaccine to be distributed in the U.S for use in individuals 18 years of age and older.

Side effects of moderna

Fatigue, headache, muscle pain, joint pain, nausea and vomiting, fever. The clinical trials found that side effects were more commonly reported after the second dose and lasted around 2–3 days.

Johnson & Johnson's Janssen

Johnson & Johnson (NYSE: JNJ) (the Company) today announced that the U.S. Food and Drug Administration (FDA) has issued Emergency Use Authorization (EUA) for its single-dose COVID-19 vaccine, developed by the Janssen Pharmaceutical Companies of Johnson & Johnson, to prevent COVID-19 in individuals 18 years of age and older.

Side effects of Johnson & Johnson's Janssen

Headache, fever fatigue, muscle aches nausea pain, irritation, redness, and swelling at the site of the injection.

Covaxin

Covaxin, India's first domestically-developed Covid-19 vaccine, is a two-dose jab that uses an inactivated or "dead" form of the virus. The shot also showed 100% efficacy at preventing severe Covid-19 and hospitalisations, according to a joint statement from Bharat and co-developers, the Indian Council of Medical Research (ICMR).

Side effects of Covaxin

There could be mild symptoms upon receiving the vaccine like injection site tenderness, injection site pain, redness, itching, rashes, fever, headache, body ache, vomiting and nausea. A severe allergic reaction may very rarely occur. More side effects are still being studied in clinical trials.

Covishield

Covishield has been developed by the Oxford-AstraZeneca and is being manufactured by the Serum Institute of India (SII). Covishield has been prepared using the viral vector platform which is a totally different technology. A chimpanzee adenovirus – ChAdOx1 – has been modified to enable it to carry the COVID-19 spike protein into the cells of humans. Well, this cold virus is basically incapable of infecting the receiver but can very well teach the immune system to prepare a mechanism against such viruses.

Side effects of Covishield

Some mild symptoms may occur like injection site tenderness, injection site pain, headache, fatigue, myalgia, malaise, pyrexia, chills, arthralgia and nausea. Very rare events of demyelinating disorders have also been reported following vaccination with this vaccine but without the causal relationship establishment.