

UNDERSTANDING

THE COVID-19 VACCINES

Three COVID-19 vaccines have been authorized by the U.S. Food and Drug Administration (FDA). As advancements continue in developing vaccines to fight the virus, it's helpful to understand the similarities and differences between the vaccines developed by Pfizer, Moderna, and Johnson & Johnson.

Please note:

- Like all vaccines, before being authorized for emergency use, medical researchers tested the safety and effectiveness of these COVID-19 vaccines.
- Researchers studied the mRNA technology used to develop the Pfizer and Moderna vaccines for more than a decade.
- The Johnson & Johnson uses a harmless, modified common-cold virus to activate your body's immune response to COVID-19. The vaccine does not contain any live virus and cannot infect you with COVID-19 or anything else. The vaccine does not cause infection with either COVID-19 or the virus that is used as the vector.
- The vaccines do not contain a live virus. No vaccine can infect you with COVID-19.





PFIZER-BIONTECH

COVID-19 VACCINE

This vaccine is authorized for use in persons aged 12 years of age and older.



Two injection doses, **3 weeks or 21 days apart**

Similar other multi-dose vaccines that have been in use for years, such as vaccines for DPT, HPV, and Hepatitis B.



12 years of age and older



95% effective preventing COVID-19 infection



Full protection starts **two weeks** after receiving the second dose



100% effective against hospitalization and death





MODERNA

COVID-19 VACCINE

This vaccine is authorized for use in persons aged 18 years and older.

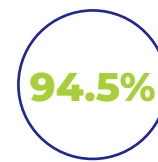


Two injection doses, **4 weeks**
or **28 days** apart

Similar to other multi-dose vaccines that have been in use for years, such as vaccines for DPT, HPV and Hepatitis B.



Ages 18 and older



94.5% effective after
the **second dose**



Full protection starts **two weeks**
after receiving the **second dose**



100% effective against
hospitalization and death

STAY SMART. DO YOUR PART.



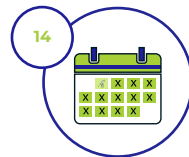
JOHNSON & JOHNSON

COVID-19 VACCINE

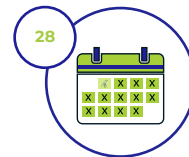
This vaccine is authorized for use in persons aged 18 years and older.



The vaccine is a single dose injected into the arm muscle.



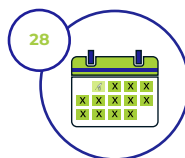
The Johnson & Johnson COVID-19 vaccine starts to provide some protection 14 days after receiving the shot.



A person can expect full protection about 28 days after the shot.



Ages 18 and older



Effective in preventing COVID-19 starting 28 days post vaccination



100% effective against hospitalization and death*

**The Johnson & Johnson vaccine is 94% effective in preventing hospitalization and 100% effective at preventing death.*





WHAT TO EXPECT

FROM THE VACCINES

The overwhelming majority (85%) of vaccine recipients experience common vaccine reactions, and 15% get more significant symptoms like fever or chills. These symptoms generally last no more than 24 hours and are typically controlled with over-the-counter medicines.

These symptoms include:

- Pain and/or swelling at the site of the injection
- Fever
- Chills
- Tiredness
- Headache

In most cases, discomfort from fever or pain is normal.

Contact your doctor or healthcare provider:

- If you experience rare or less common vaccine reactions, like allergic reactions
- If the redness or tenderness where you got the shot increases after 24 hours
- If your vaccine reactions are worrying you or do not seem to be going away after a few days