

Covid-19 Vaccine Fact Sheet

What you should know: There are 3 approved vaccines in the U.S. to protect against COVID-19:

- Pfizer-BioNTech
- Moderna
- Johnson & Johnson/Janssen

Experts stress that vaccines are highly protective, even if they're not 100-percent effective.

Covid-19 Vaccine Comparison

All of these COVID-19 vaccines will protect you, but here's a side-by-side comparison. Remember to talk with your doctor if you have concerns about getting the vaccine.

	Pfizer-BioNTech	Moderna	Johnson & Johnson (Janssen)
Effectiveness	95% effective at preventing the COVID-19 virus with symptoms, 86% in individuals aged 65 and older -Prior to the Delta variant, effectiveness was 87% to 96% for ALL outcomes. -As of September 2021, studies have shown it to be 39% to 84% effective against infection and 75% to 95% effective against hospitalizations.	94.1% effective at preventing the COVID-19 virus with symptoms, 86% in individuals aged 65 and older -Prior to the Delta variant, effectiveness was around 80% to 95% for ALL outcomes. -As of September 2021, studies have shown it to be 50% to 72% effective against infection and over 80% effective against hospitalizations.	85% effective at preventing the COVID-19 virus with severe illness
Effectiveness against death	Yes	Yes	Yes

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	Pfizer-BioNTech	Moderna	Johnson & Johnson (Janssen)
Number of doses	2, 21 days apart (or up to six weeks apart, if needed). Some protection provided after the first dose.	2, 28 days apart (or up to six weeks apart, if needed). Some protection provided after the first dose.	1 Some protection provided two weeks after vaccination.
FDA Emergency Use Authorization	Yes	Yes	Yes
Approved for what ages?	5-11 years: receive the Pfizer-BioNTech pediatric COVID-19 Vaccine which is one third of the adult dose of Pfizer-BioNTech COVID-19 vaccine. 12 years and older	18 years and older	18 years and older
Type of Vaccine	mRNA Messenger RNA (mRNA) is a genetic material telling your body to make proteins. The mRNA vaccine delivers mRNA into the body that is protected by a coating, so the body does not destroy it. The messenger RNA teaches the body to make spike proteins that replicate the COVID-19 spike protein. If you are exposed in the future your body is already prepared to fight the virus.	mRNA	Vector platform In viral vector vaccines, spike protein DNA is placed inside a modified version of a different virus that doesn't cause illness. This non-harmful virus delivers the DNA instructions to your cells – this virus is called the vector.
Most common side effects	Injection site pain, fatigue, headache, muscle pain, chills, joint pain, fever, nausea, feeling unwell and swollen lymph nodes	Injection site pain, fatigue, headache, muscle pain, chills, joint pain, fever, nausea, feeling unwell and swollen lymph nodes	Injection site pain, fatigue, headache, muscle pain, chills, fever and nausea
DT/AT employees - severe side effects	Only 2 employees (less than 1% of Discount Tire's employee population), who received the vaccine, experienced severe side effects (with a full recovery within 45 minutes after injection).		
Who should NOT get the vaccine?	History of severe allergic reaction (i.e. anaphylactic reaction or requiring an Epipen) to vaccine ingredients. If you are allergic to one of the vaccines, consult with a health provider to assess risk and ask about alternatives.		
Other	Does NOT contain eggs, latex, metals, or preservatives		

Sources:

<https://www.cdc.gov/coronavirus/2019-ncov/vaccines/different-vaccines.html>
<https://www.mayoclinic.org/coronavirus-covid-19/vaccine/comparing-vaccines>

Booster Shots

Recently updated, the CDC now states that a vaccine recipient may choose which COVID-19 vaccine they receive as a booster shot. Some people may prefer the vaccine type that they originally received, and others may prefer to get a different booster. CDC's recommendations now allow for this type of mix and match dosing for booster shots.

Those individuals who received the **Pfizer or Moderna vaccine** are eligible for a booster include:

- Older adults age 65 years and older with underlying medical conditions
- Long-term care setting residents ages 18 years and older with underlying medical conditions
- People with underlying medical conditions ages 50–64 years
- People who work or live in high-risk settings ages 18–64 years
 - (e.g., health care, schools, correctional facilities, homeless shelters)
- People ages 18–64 years at increased risk for COVID-19 exposure and transmission because of occupation or institutional settings
 - (e.g., first responders, education staff, food and agriculture workers, manufacturing workers, correctional workers, U.S. postal service workers, public transit, and grocery store workers)

Individuals who received the J&J/Jansen vaccine at least two months ago are eligible for a booster shot. This is because of the lower vaccine effectiveness over time in comparison to the mRNA platform COVID-19 vaccines.

As always, it is encouraged that you discuss any questions or concerns with your current healthcare provider regarding COVID-19 vaccines.

When it's your turn, GET VACCINATED!

Hospitalizations:

- July 2021: 2 Employees were hospitalized, placed on high flow oxygen, and eventually discharged.
- August 2021: 4 Employees were hospitalized, placed on high flow oxygen, and eventually discharged.
- September 2021: 11 Employees hospitalized, 2 were intubated, 9 were placed on high flow oxygen, and 2 Employees ended up passing.
- October 2021: 1 employee was hospitalized, intubated, and ended up passing. Another employee is currently in ICU and on high flow oxygen.

Internal Data:

- All employees that have passed (x3 in 2021) have been unvaccinated.
- To our knowledge, all employees that were hospitalized, developed serious/critical symptoms, or passed were unvaccinated.
- To our knowledge, no vaccinated employee has developed serious/critical COVID symptoms that have required hospitalization, intubation, or have ended up passing.
- 100% of our 'Long Hauler Population' (~50 employees), which is defined as patients that continue to have significant side effects months after their initial COVID infection, have been unvaccinated.