## **COVID-19 Vaccine Frequently Asked Questions**

The Pfizer-BioNTech, Moderna and Johnson and Johnson COVID-19 vaccines have received approval and are distributed as supplies allow to U.S. healthcare providers. Vaccine is provided to individuals according to the vaccination phase set by federal and state guidance. Studies have shown both vaccines are greater than 90% effective when two doses are received. The information below explains differences and similarities

|   | Manufacturer   | Pfizer-BioNTech   | Moderna   | Johnson and Johnson/Janssen   |
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|   | Who should<br>get this<br>vaccine?                                       | Individuals <b>12 years of age and older</b> who meet the priority group criteria.  | Individuals <b>18 years of age and older</b> who meet the priority group criteria.  | Individuals <b>18 years of age and older</b> who meet the priority group criteria.  |
| < |  | You should not get the Pfizer-BioNTech<br>COVID-19 vaccine if you have had a<br>severe allergic reaction—also known as<br>anaphylaxis—to any ingredient in the<br>Pfizer-BioNTech vaccine.  | You should not get the Moderna<br>COVID-19 vaccine if you had a severe<br>allergic reaction after a previous dose of<br>this vaccine or have had a severe allergic<br>reaction to any ingredient of this vaccine.   | You should not get the Johnson and Johnson<br>COVID-19 vaccine if you had a severe allergic<br>reaction after a previous dose of this vaccine or<br>have had a severe allergic reaction to any<br>ingredient of this vaccine.   |
|   |  | A list of ingredients can be found at <u>https://www.fda.gov/media/144414/downlo</u> ad   | A list of ingredients can be found at<br>https://www.modernatx.com/covid19vaccin<br>e-eua/recipients/fag#social-distance  | A list of ingredients can be found at <a href="https://www.fda.gov/media/146305/download#page=2">https://www.fda.gov/media/146305/download#page=2</a>   |
|   | Can I get the<br>vaccine if I<br>have a<br>weakened<br>immune<br>system? | Per the CDC in regards to either mRNA<br>COVID19 vaccine: Yes, you may receive a<br>COVID-19 vaccine. However, information<br>about the safety of mRNA COVID-19<br>vaccines for people who have weakened<br>immune systems is not yet available.<br>Safety data for people living with HIV is not<br>yet available. | The Moderna COVID-19 vaccine may not<br>work as well in people who have weakened<br>immune systems (e.g., cancer, lupus, HIV<br>infection) or are on a medication that<br>affects the immune system (e.g., steroids).<br>People with weakened immune systems<br>should also be aware of the potential for<br>reduced immune responses to the vaccine. | Yes, people with autoimmune conditions or who are<br>immunocompromised are not excluded from getting<br>the vaccine, but there is not yet direct data on the<br>effectiveness of the COVID-19 vaccine in these<br>patients.<br>People with weakened immune systems should<br>also be aware of the potential for reduced immune<br>responses to the vaccine. |
|   |  | People with weakened immune systems<br>should also be aware of the potential for<br>reduced immune responses to the vaccine.<br><u>https://www.cdc.gov/coronavirus/2019-</u><br><u>ncov/vaccines/recommendations/underlyin</u><br><u>g-conditions.html</u>  | https://www.cdc.gov/coronavirus/2019-<br>ncov/vaccines/recommendations/underlyin<br>g-conditions.html   | https://www.cdc.gov/coronavirus/2019-<br>ncov/vaccines/recommendations/underlying-<br>conditions.html   |

between the vaccines

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| Can I get the<br>vaccine if I am<br>pregnant or<br>breastfeeding<br>?   | People who are pregnant or breastfeeding<br>should discuss options with their<br>healthcare provider.  | People who are pregnant or breastfeeding<br>should discuss options with their<br>healthcare provider.  | People who are pregnant or breastfeeding should discuss options with their healthcare provider.   |
| Are there side<br>effects?  | There may be side effects. They typically<br>last several days, with the most common<br>side effects being pain at the injection site,<br>tiredness, headache, muscle pain, chills,<br>joint pain, and fever. More people<br>experienced these side effects after the<br>second dose.                      | There may be side effects. They typically<br>last several days but should go away. Side<br>effects can include pain at injection site,<br>tiredness, headaches, muscle pain, chills,<br>joint pain, swollen lymph nodes in the<br>same arm as injection, nausea and<br>vomiting, or fever. More people experience<br>side effects after the second dose than<br>after the first. | There may be side effects. They typically last<br>several days with the most common side effects<br>being pain and redness at the injection site,<br>headache, tiredness, muscle pain, chills, nausea<br>and fever.   |
| How many<br>doses of<br>vaccine do I<br>need?   | The Pfizer-BioNTech COVID-19 vaccine has shown to prevent COVID-19 after two doses have been given, <b>21 days apart</b> .   | The Moderna COVID-19 vaccine has<br>shown to prevent COVID-19 after two<br>doses have been given, <b>28 days apart</b> .   | The Johnson and Johnson COVID-19 vaccine is a one-dose vaccine.   |
| Will the<br>vaccine still<br>work if I only<br>get one dose?  | No information is available about<br>protection after one dose. Two doses are<br>95% effective. Protection from the vaccine<br>is not immediate.   | No information is available about protection<br>after one dose. Two doses are 94.1%<br>effective. Protection from the vaccine is not<br>immediate.   | The Johnson and Johnson COVID-19 vaccine is a one-dose vaccine and found to be 72% effective. Protection from the vaccine is not immediate.   |
| Do I still have<br>to wear a<br>mask and<br>socially<br>distance after<br>the first or<br>second dose<br>of the<br>vaccine? | On May 13, the CDC provided new<br>guidance that states fully vaccinated<br>people don't need to wear masks indoors<br>or outdoors in most settings nor socially<br>distance.<br>Masks will still be required in health-care<br>settings, at businesses that mandate them<br>and on public transportation. | On May 13, the CDC provided new<br>guidance that states fully vaccinated<br>people don't need to wear masks indoors<br>or outdoors in most settings nor socially<br>distance.<br>Masks will still be required in health-care<br>settings, at businesses that mandate them<br>and on public transportation.   | On May 13, the CDC provided new guidance that<br>states fully vaccinated people don't need to wear<br>masks indoors or outdoors in most settings nor<br>socially distance.<br>Masks will still be required in health-care settings, at<br>businesses that mandate them and on public<br>transportation. |

| Will the Pfizer-<br>BioNTech<br>COVID-19<br>vaccine give<br>me COVID-<br>19?        | No. The Pfizer-BioNTech COVID-19<br>vaccine does not contain SARS-CoV-2, the<br>virus that causes COVID-19, and cannot<br>give you COVID-19.   | No. The Moderna COVID-19 vaccine does<br>not contain SARS-CoV-2, the virus that<br>causes COVID-19, and cannot give you<br>COVID-19.   | No. The Johnson and Johnson COVID-19 vaccine<br>is a viral vector vaccine and uses a disabled virus to<br>delivers the instructions on how to defeat the<br>COVID-19 virus. The disabled virus used is in no<br>way related to the coronavirus and cannot replicate<br>in your body.  |
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| How long will<br>the vaccine<br>protect me?   | The duration of protection against COVID-<br>19 is currently unknown.  | The duration of protection against COVID-<br>19 is currently unknown.  | The duration of protection against COVID-19 is currently unknown.   |
| What should I<br>tell my<br>vaccination<br>provider<br>before I get<br>the vaccine? | Tell the vaccination provider about all of<br>your medical conditions, including if you<br>have any allergies, have a fever, have a<br>bleeding disorder or are on a blood thinner,<br>are immunocompromised or are on a<br>medicine that affects your immune system,<br>are pregnant or plan to become pregnant,<br>are breastfeeding, or have received<br>another COVID-19 vaccine.<br>https://www.cvdvaccine-<br>us.com/images/pdf/fact-sheet-for-<br>recipients-and-caregivers.pdf | Those receiving the vaccine should tell<br>their healthcare provider about all of their<br>medical conditions, including if they have<br>any allergies, have a fever, have a<br>bleeding disorder or are on a blood thinner<br>or if they have received another COVID-19<br>vaccine. They should also share if they are<br>pregnant or breastfeeding or if they have a<br>weakened immune system or are on<br>medicine that affects their immune system. | Those receiving the vaccine should tell their<br>healthcare provider about all of their medical<br>conditions, including if they have any allergies, have<br>a fever, have a bleeding disorder or are on a blood<br>thinner or if they have received another COVID-19<br>vaccine. They should also share if they are<br>pregnant or breastfeeding or if they have a<br>weakened immune system or are on medicine that<br>affects their immune system. |
| When was the<br>Pfizer-<br>BioNTech<br>COVID-19<br>vaccine<br>authorized?           | The U.S Food and Drug Administration<br>(FDA) issued Emergency Use<br>Authorization for the vaccine on December<br>11, 2020.   | The U.S. Food and Drug Administration<br>(FDA) issued Emergency Use<br>Authorization for the vaccine on December<br>18, 2020.  | The U.S. Food and Drug Administration (FDA) issued Emergency Use Authorization for the vaccine on February 27, 2021.  |
| How does the<br>Pfizer-<br>BioNTech<br>vaccine work?                                | The Pfizer-BioNTech COVID-19 vaccine is<br>a two-dose is a two-dose series, separated<br>by 21 days. It is injected into a muscle. If<br>you receive a first dose of Pfizer-BioNTech<br>vaccine, the second dose should also be<br>Pfizer-BioNTech vaccine.<br>The vaccine is a mRNA vaccine,<br>https://www.cdc.gov/coronavirus/2019-<br>ncov/vaccines/different-vaccines/mrna.html   | The Moderna COVID-19 vaccine is a two-<br>dose series separated by 28 days. It is<br>injected into a muscle. If you receive a first<br>dose of Moderna vaccine, the second dose<br>should also be Moderna vaccine. The<br>vaccine is a mRNA vaccine,<br>https://www.cdc.gov/coronavirus/2019-<br>ncov/vaccines/different-vaccines/mrna.html  | The Johnson and Johnson COVID-19 vaccine is a one-dose vaccine. It is injected into a muscle. The vaccine is a viral-vector vaccine.<br>https://www.cdc.gov/coronavirus/2019-<br>ncov/vaccines/different-vaccines/viralvector.html  |



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