

COVID-19 VACCINE REFERENCE GUIDE – revised 6/18/2022

	Pfizer-BioNTech (Ages 6mos to 4y) Maroon Cap	Pfizer-BioNTech (Ages 5y to 11y) Orange Cap	Pfizer-BioNTech Adult/ Adolescent Gray Cap	Moderna	Janssen (J&J)
Authorized Age Group	6 months through 4 years of age	5 through 11 years of age	12 years of age and older	18 years of age and older	18 years of age and older
Dose Volume	0.2 mL (3 mcg)	0.2 mL (10 mcg)	0.3 mL (30 mcg)	0.5 mL (100 mcg)	0.5 mL (5X 10 ¹⁰ viral particles)
Administration	IM injection in thigh or deltoid muscle	IM injection in deltoid muscle	IM injection in deltoid muscle	IM injection in deltoid muscle	IM injection in deltoid muscle
Number of Doses Primary Series	3	2 or 3	2 or 3	2 or 3	1 or 2
Interval Between Primary Dose Series	3 doses total: 3 weeks and 8 weeks	2 doses total: 21 days (3 weeks)	2 doses total: 21 days (3 weeks)	2 doses total: 28 days (1 month)	n/a
Additional Dose Primary Series* (moderate to severely immunocompromised)	n/a	0.2 mL at least 28 days after 2 nd dose* <i>(see next page)</i>	0.3 mL at least 28 days after 2 nd dose* <i>(see next page)</i>	0.5 mL at least 28 days after 2 nd dose* <i>(see next page)</i>	Additional dose: mRNA vaccine given at least 28 days after 1st dose of Janssen* <i>(see next page)</i>
Booster** (3 mos- immunocompromised) (5 mos - immunocompetent)	n/a	0.2 mL at least 3 or 5 months after completing a primary series** <i>(see next page)</i>	0.3 mL at least 3 or 5 months after completing a primary series** <i>(see next page)</i>	0.25 mL at least 3 or 5 months after completing a primary series** <i>(see next page)</i>	Either mRNA or Janssen vaccine least 2 months after completing a primary series** <i>(see next page)</i>
Second Booster ± (50+ yrs; 12+ yrs with immunosuppression)	n/a	n/a	0.3 mL at least 4 months after previous booster± <i>(see next page)</i>	0.25 mL at least 4 months after previous booster± <i>(see next page)</i>	n/a
How Supplied	Multidose vial: 10 doses (after dilution)	Multidose vial: 10 doses (after dilution)	Multidose vial: 6 doses	Multidose vial: max 11/20 doses¹ Multidose vial: max 15/20 doses¹	Multidose vial: 5 doses
Diluent	Dilute vaccine with 2.2 mL of 0.9% sodium chloride <i>(preservative-free)</i>	Dilute vaccine with 1.3 mL of 0.9% sodium chloride <i>(preservative-free)</i>	DO NOT DILUTE	DO NOT DILUTE	DO NOT DILUTE
Dose Preparation	Follow dilution instructions. Do not shake	Follow dilution instructions. Do not shake	Gently <u>invert</u> vial 10 times. Do not shake	Gently <u>swirl</u> vial in an upright position for 10 seconds. Do not shake	Gently <u>swirl</u> vial in an upright position for 10 seconds. Do not shake
Storage Before Puncture	2°C to 8°C for up to 10 weeks	2°C to 8°C for up to 10 weeks	2°C to 8°C for up to 10 weeks	2°C to 8°C for up to 30 days	2°C to 8°C until manufacturer expiration date
Expiration Time After Vial Punctured Stored at (2°C to 8°C)	Discard any unused vaccine after 12 hours	Discard any unused vaccine after 12 hours	Discard any unused vaccine after 12 hours	Discard any unused vaccine after 12 hours	Discard any unused vaccine after 6 hours

1. Max of 11-15 full doses, depending on vial size and 20 booster doses. Do not puncture the vial stopper more than 20 times.

ELIGIBILITY CRITERIA

* ADDITIONAL DOSE PRIMARY SERIES

Moderately to severely immunocompromised individuals who have completed their primary series **should** plan to get an additional primary dose.

- Pfizer-BioNTech:** Ages 5 years and older- give additional dose at least **28 days** after receiving the second dose
- Moderna:** Ages 18 years and older- give additional dose at least **28 days** after receiving the second dose
- Janssen:** Ages 18 years and older- give dose of mRNA vaccine at least **28 days** after dose of Janssen

Moderately to severely immunocompromised includes people who are or have:

- Receiving active cancer treatment for tumors or cancers of the blood
- Received an organ transplant and are taking medicine to suppress the immune system
- Received a stem cell transplant within the last 2 years or are taking medicine to suppress the immune system
- Moderate or severe primary immunodeficiency (such as DiGeorge syndrome, Wiskott-Aldrich syndrome)
- Advanced or untreated HIV infection
- Active treatment with high-dose corticosteroids or other drugs that may suppress your immune response

People should talk to their healthcare provider about their medical condition, and whether getting an additional dose is appropriate for them.

** BOOSTER

Patients who are **NOT** immunocompromised

COVID-19 Vaccine booster shots are available for the following patients who have completed their initial series:

- Pfizer-BioNTech:** Ages 5 years and older – give at least **5 months** after *2 dose primary series* completed
- Moderna:** Ages 18 years and older – give at least **5 months** after *2 dose primary series* completed
- Janssen:** Ages 18 years and older – give at least **2 months** after *primary dose* of Janssen (*mRNA vaccine preferred for booster shot*)

Patients who **ARE** moderately to severely immunocompromised

COVID-19 Vaccine booster shots are available for the following patients who have completed their initial series:

- Pfizer-BioNTech:** Ages 5 years and older – give at least **3 months** after *3 dose primary series* completed
- Moderna:** Ages 18 years and older – give at least **3 months** after *3 dose primary series* completed
- Janssen:** Ages 18 years and older – give at least **2 months** after *2 dose primary series* completed

The CDC allows for administration of heterologous booster dose.

However, only Pfizer-BioNTech can be used for a booster dose for ages 5-17

± SECOND BOOSTER – mRNA vaccines

To increase protection for individuals at increased risk of severe illness from COVID-19 disease.

- 50 years of age and older – give at least **4 months** after first booster
- 12 years of age and older with moderate to severe immunosuppression - give at least **4 months** after first booster dose
(Only Pfizer-BioNTech can be used for booster dose for ages 12-17)
- People ages 18 years and older who received *both* a primary dose and a booster dose of Janssen - give at least **4 months** after first booster

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References:

- <https://www.cdc.gov/coronavirus/2019-ncov/vaccines/recommendations/immuno.html>
- <https://www.cdc.gov/coronavirus/2019-ncov/need-extra-precautions/people-with-medical-conditions.html>
- <https://www.cdc.gov/media/releases/2022/s0328-covid-19-boosters.html>
- [Pfizer-BioNTech HCP EUA Fact Sheet revised May 17 2022](#)
- [Pfizer-BioNTech COVID-19 Vaccine EUA LOA reissued March 29 2022 \(fda.gov\)](#)
- [Fact Sheet for Healthcare Providers Administering Vaccine - Pfizer-BioNTech COVID-19 Vaccine for 5 - 11 Years of Age \(fda.gov\)](#)
- <https://www.cdc.gov/coronavirus/2019-ncov/need-extra-precautions/people-with-medical-conditions.html>
- <https://eua.modernatx.com/covid19vaccine-eua/eua-fact-sheet-providers.pdf>
- [Janssen COVID-19 Vaccine - EUA Fact Sheet for Healthcare Providers Administering Vaccine \(janssenlabels.com\)](#)
- <https://www.cdc.gov/coronavirus/2019-ncov/vaccines/recommendations/immuno.html>
- <https://www.fda.gov/media/159312/download>
- <https://www.cdc.gov/vaccines/acip/recs/grade/covid-19-second-booster-dose-etr.html>