



COVID-19 and Seasonal Influenza: Interim Guidance for Health Care and Public Health Providers

VACCINATION

Table 3.1 CCHCS COVID-19 Vaccines: Information and Side Effects

Vaccine Manufacturer	Pfizer-BioNTech	Moderna	Johnson & Johnson (J&J) (also known as Janssen)
Delivery	Intramuscular (IM)	IM	IM
Type of Vaccine	mRNA	mRNA	Adenovirus vector
Dosage	0.3 mL	0.5 mL	0.5 mL
Indicated Ages	16+ years	18+ years	18+ years
Vaccine Schedule	Two doses separated by 21 days*	Two doses separated by 28 days*	One dose
Side Effects	Pain at the injection site: 84% Fatigue: 63% Headache: 55% Muscle pains: 38% Chills: 32% Joint pains: 24% Fever: 14%	Pain at the injection site: 92% Fatigue: 69% Headache: 63% Muscle pains: 60% Chills: 43% Joint pains: 45% Fever: 15%	Pain at the injection site: 49% Headache: 39% Fatigue: 38% Muscle pains: 33% Nausea: 14% Fever: 9%
Storage [†]	Deep freeze (-80°C to -60°C) -25°C to -15°C for up to 2 weeks	-25°C to -15°C	2-8 °C

* The vaccine may be given up to 4 days early if necessary. If the second dose is missed during the recommended 3 or 4 week timeframe, it should be scheduled for administration up to 6 weeks (42 days) after the first dose. Early or late doses do not need to be repeated; the two-dose regimen is adequate.

† See below for the pertinent Fact Sheet for Healthcare Providers for specific vaccine storage and administration details.

Resources:

Pfizer-BioNTech vaccine

- [FDA Briefing Document – Pfizer-BioNTech COVID-19 Vaccine](#)
- [CDC – Information About the Pfizer-BioNTech COVID-19 Vaccine](#)
- [FDA Fact Sheet for Healthcare Providers Administering Vaccine \(Pfizer\)](#)

Moderna

- [FDA Briefing Document – Moderna COVID-19 Vaccine](#)
- [CDC – Information About the Moderna COVID-19 Vaccine](#)
- [FDA Fact Sheet for Healthcare Providers Administering Vaccine \(Moderna\)](#)

Johnson & Johnson

- [FDA Briefing Document – Johnson & Johnson \(Janssen\) COVID-19 Vaccine](#)
- [CDC – Information About the Johnson & Johnson COVID-19 Vaccine](#)
- [FDA Fact Sheet for Healthcare Providers Administering Vaccine \(Johnson & Johnson \(Janssen\)\)](#)

Excerpted from the Vaccination section of the CCHCS Interim Guidance for Health Care and Public Health Providers: <https://cches.ca.gov/covid-19-interim-guidance/>

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