

COVID-19 Vaccines: primary series

Pfizer- BioNTech

EUA for 5-11 yrs:

10 micrograms orange cap

EUA for 12+ yrs,
additional dose for
immunocompromised, and
Full licensure for 16+ yrs:

30 micrograms purple cap

Consists of two doses given
21 days apart

Moderna

EUA for 18+ yrs and
additional dose for
immunocompromised

Consists of two doses
given 28 days apart

Johnson & Johnson

by Janssen

EUA for 18+ yrs

Consists of one dose

Boosters: 18+ and LTCF residents / staff

Pfizer- BioNTech

Recommended for
≥18 years
in high-risk groups

6 months after primary
series

Moderna

Recommended for
≥18 years
In high-risk groups

6 months after primary
series

*booster is half-dose
(50 micrograms 0.25 ml)

Johnson & Johnson

Recommended for
all persons
≥18 years

2 months after primary
series

www.cdc.gov/coronavirus/2019-ncov/vaccines/booster-shot.html

www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/COVID-19-Vaccine-Boosters.aspx

Coadministration

COVID-19 vaccines may be co-administered with other vaccines on the same day.

For vaccine administration:

- Administer each injection in a different injection site.
- Separate injection sites by 1-inch or more.
- For child 11 years and older, the deltoid muscle can be used.
- For children 5-10 years of age, if more than two vaccines are injected in a single limb, the vastus lateralis muscle of the anterolateral thigh is the preferred site because of greater muscle mass.

COVID-19 Vaccination Co-administration Tips

COVID-19 Vaccine Coadministration Tips

Other vaccines may be administered on the same day as COVID-19 vaccines—Or within 14 days of any COVID-19 vaccine dose.

Considerations—What are the risks of:

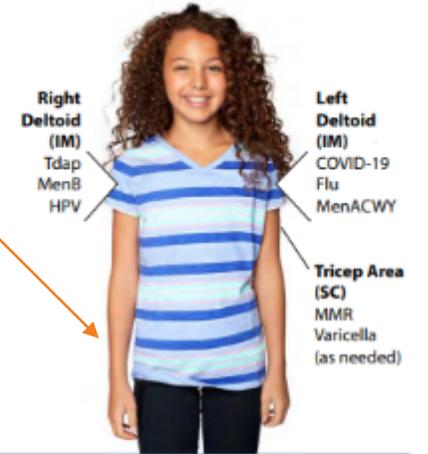
- Missing recommended vaccines?
- Catching COVID-19 and other vaccine-preventable diseases before the next appointment?
- Reactions from each vaccine?

Assign vaccines to each arm:

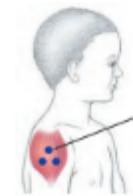
- When possible, administer the COVID-19 vaccine in a different arm from vaccines more likely to cause a local reaction (e.g., tetanus-toxoid-containing vaccines).
- Give the most painful injections last (e.g., HPV)

Organize syringes:

- Label each syringe with vaccine name and dosage, lot number, initials of the preparer, and the exact beyond-use time.
- Place syringes on a clean tray, grouping vaccines by administration site.



Separate injection sites by 1 inch or more, if possible.



Intramuscular (IM) Injections

- **Site: Deltoid muscle**, about 3 fingers below the acromion, above the level of the armpit.
- Needle: 1 inch, 23-25 gauge (1 1/2 inches for larger patients)
- Bunch up the muscle and insert entire needle at a 90° angle.



Subcutaneous (SC) Injections

- **Site: Outer aspect**, fatty tissue on the back of upper arm, over the tricep.
- Needle: 5/8 inch, 25 gauge
- Pinch up the tissue and insert entire needle at a 45° angle.



SNFs that are already or interested in becoming COVID vaccine providers...



- **Apply for CalVaxGrant, due December 17**
www.phcdocs.org/Programs/CalVaxGrant
- To support vaccination efforts,
 - CA state is offering providers up to \$55,000
- To be eligible, organizations must:
 - Be enrolled in [myCAvax](#) and immunization registry [CAIR](#)
 - Expend or plan to expend award on allowable expenses, which includes staffing and training, technology, infrastructure, supplies/equipment and administrative overhead
 - Have not received money from the State Innovation Fund

CalVaxGrant

\$55,000 Practice Support
CalVaxGrant Available

LTCF COVID-19 Vaccination Resources

The screenshot shows the CDC website page for 'COVID-19 Vaccine Access in Long-term Care Settings'. The breadcrumb trail at the top reads 'CDC > COVID-19 Vaccination > Planning & Partnerships'. A left-hand navigation menu includes links for 'COVID-19 Vaccination', 'Product Info by U.S. Vaccine', 'Interim Clinical Considerations', 'Clinical Care', 'Provider Requirements and Support', 'Training and Education', 'Vaccine Recipient Education', and 'Health Departments'. The main content area features the title 'COVID-19 Vaccine Access in Long-term Care Settings' with a 'Print this Page' link. Below the title is an illustration of healthcare workers and residents. The text states: 'The federal government is committed to ensuring that residents and staff in long-term care (LTC) settings, such as nursing homes, assisted living, residential care communities, group homes and senior housing, have access to COVID-19 vaccines to receive primary series and booster shots. For additional examples of LTC settings, see [COVID-19 Vaccine Access in Long-Term Care Settings](#) [PDF].' A callout box on the right contains the link: 'Information About Who is Eligible for a COVID-19 Vaccine Booster Shot'.

Long-Term Care Facility (LTCF)

COVID-19 Vaccine Toolkit

The **LTCF COVID-19 Vaccine Toolkit** has been developed as a resource to ensure that Long-Term Care (LTC) residents and staff have continued access to primary series or booster doses of COVID-19 vaccine. The following are vaccine access options and resources.

- LTCFs are encouraged to reach out to their regular or contract pharmacy to inquire about meeting the facility's ongoing needs of COVID-19 vaccination, including on-site clinics.
- LTC residents and/or staff who can travel to a vaccine site are encouraged to utilize vaccination sites in their local community (i.e., nearby pharmacies or healthcare provider's office); this may be the fastest way to get vaccinated.
- If an on-site vaccination clinic is the best option to meet your LTC residents' needs, facilities can contact LTC or retail pharmacies directly for support. When planning for vaccination, LTCFs should take into consideration how many residents and staff will need their primary vaccine series and how many are eligible to receive a booster dose.

www.cdc.gov/vaccines/covid-19/long-term-care/pharmacy-partnerships.html

https://eziz.org/assets/docs/COVID-19/LTCF_Toolkit_10.01.21.pdf

COVID-19 Vaccine Product Guide

COVID-19 Vaccine Product Guide



Check vaccine products before use to ensure administration to appropriate ages.

Refer to CDC Reference Guide for more details.

	5-11 years old		12+ years old		18+ years old	
	Pfizer (Pediatric)	Pfizer	Pfizer (Comirnaty)	Janssen (J&J)	Moderna	
			 Pending Approval subject to change			
Packaging						
Doses Per Vial	10 doses	6 doses	6 doses	5 doses	14 (or 10) doses	
Carton Size	100 doses	1170 (or 450) doses	TBD	50 doses	140 (or 100) doses	
Carton NDC #	59267-1055-4	59267-1000-2	TBD	59676-580-15	80777-273-98	
Administration						
Diluent	1.3 mL per vial	1.8 mL per vial	Do not mix	Do not mix	Do not mix	
Injection Volume-Primary	0.2 mL	0.3 mL	0.3 mL	0.5 mL	0.5 mL	
Injection Volume-Booster	N/A	same (age 18+ only)	TBD	same	0.25 mL*	
Storage Limits Before Puncture: Label vaccine with expiration and beyond use dates (end of time limit in each storage unit).						
ULT (-90 to -60°C)	Up to 6 months	Up to 9 months	Up to 6 months	N/A	N/A	
Thermal Shipper	N/A	Up to 30 days	N/A	N/A	N/A	
Freezer	N/A	Up to 14 days (-25 to -15°C)	N/A	N/A	Until expiration (-50 to -15°C)	
Refrigerator (2° to 8°C)	Up to 10 weeks	Up to 31 days	Up to 10 weeks	Until expiration	Up to 30 days	
Expiration Dates**	Manufacture date on vial + 5 months	Check date on vial	TBD	Check product website or QR code	Check product website or QR code	

Guide includes:

- Packaging
- Administration
- Storage Limits
- Age
- Availability

[COVID-19 Vaccine Product Guide](#)

* When drawing up half-doses for Moderna boosters, note that Moderna vials cannot be punctured more than 20 times.

** Do not dispose of expired vaccine until checking with manufacturers for extended expiration dates.

Influenza Vaccine 2021-2022 Guide

PEDIATRIC/ADULT INFLUENZA VACCINE 2021-2022

Age Group	Vaccine	DOUBLE-CHECK THE DOSE!	
		6-35 months	3+ years
6-35 MONTHS OLD	 Afluria® Quadrivalent Seqirus 0.25 mL single-dose syringe	0.25mL	0.5mL
6 MONTHS & OLDER	 Fluarix® Quadrivalent GlaxoSmithKline Biologicals 0.5 mL single-dose syringe	0.5mL	0.5mL
	 Fluzone® Quadrivalent Sanofi Pasteur, Inc. 0.5 mL single-dose syringe	0.5mL	0.5mL
	 FluLaval® Quadrivalent GlaxoSmithKline Biologicals 0.5 mL single-dose syringe	0.5mL	0.5mL
	 Fluzone® Quadrivalent Sanofi Pasteur, Inc. 0.5 mL single-dose vial	0.5mL	0.5mL
2 YEARS & OLDER	 Flucelax® Quadrivalent Seqirus 0.5 mL single-dose syringe	0.5mL	0.5mL
	 Flucelax® Quadrivalent Seqirus 5.0 mL multi-dose vial	0.5mL	0.5mL
3 YEARS & OLDER	 Afluria® Quadrivalent Seqirus 5.0 mL multi-dose vial	0.5mL	0.5mL
	 FluLaval® Quadrivalent GlaxoSmithKline Biologicals 5.0 mL multi-dose vial	0.5mL	0.5mL
	 Afluria® Quadrivalent Seqirus 0.5 mL single-dose syringe	0.5mL	0.5mL
	 Fluzone® Quadrivalent Sanofi Pasteur, Inc. 5.0 mL multi-dose vial	0.5mL	0.5mL
2-49 YEARS OLD & HEALTHY	 FluMist® Quadrivalent MedImmune Vaccines, Inc. 0.2 mL single-dose nasal spray	0.2mL	0.2mL
18 YEARS & OLDER	 FluBlok® Quadrivalent Protein Sciences 0.5 mL single-dose syringe	0.5mL	0.5mL
	 FLUAD™ Adjuvanted Quadrivalent Seqirus 0.5 mL single-dose syringe	0.5mL	0.5mL
	 Fluzone® High-Dose Quadrivalent Sanofi Pasteur, Inc. 0.5 mL single-dose syringe	0.5mL	0.5mL

STORE ALL INFLUENZA VACCINES IN THE REFRIGERATOR.
VFC Questions:
Call 877-2Get-VFC
(877-243-8832)

Multi-dose vials contain preservative and typically cannot be given to children younger than 3 years of age and pregnant women per California law (Health and Safety Code 124172).
Children under 9 years of age with a history of fewer than 2 doses of influenza vaccine are recommended to receive 2 doses this flu season. See bit.do/flurecsACIP
Vaccines with the VFC logo are available through the Vaccines for Children Program in 2021-2022 and can only be used for VFC eligible children (≤18 years of age).

Safely Drawing Up Vaccines

- Do not use vial adaptors or spikes
 - Use of vial adaptors or spikes are not recommended.
 - Risk of contaminating the vaccine is too great. COVID-19 vaccines do not contain a preservative, which increases the risk for potential contamination.
- Do not leave the needle inserted for multiple vaccine draws
 - A needle should not be left inserted into a vial septum for multiple uses.
 - Provides a direct route for microorganisms to enter vial and contaminate the fluid.
- Resources:
 - [USP Toolkit](#)
 - [CDC Preparation Safety](#)

