

Administering Injectable Influenza and COVID-19 Vaccines on the Same Day: Clinical Considerations

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Clinical Considerations



Best Practices



Clinical Resources

Timing and Spacing of COVID-19 Vaccines

- During influenza season, CDC recognizes there may be compelling logistical advantages to offering patients COVID-19 and influenza vaccines on the same day, and providers can encourage patients to receive these on the same day.
- There are limited data on the safety of coadministration of COVID-19 vaccines with other vaccines, including flu vaccine. Based on experience with coadministration of inactivated vaccines in general, safety problems are not anticipated.

COVID-19 Vaccines and Other Vaccines

- COVID-19 vaccines and other vaccines may be coadministered with ALL other vaccines including:
 - Non-live vaccines
 - Live, attenuated vaccines

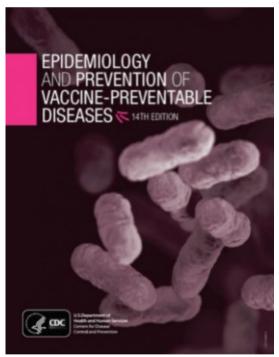


COVID-19 Vaccine and Passive Antibody Products

- COVID-19 vaccination should be temporarily deferred after receiving passive antibody products for SARS-CoV-2:
 - Post-exposure prophylaxis: Defer COVID-19 vaccination for 30 days
 - COVID-19 treatment: Defer COVID-19 vaccination for 90 days
- This guidance applies to COVID-19 vaccine ONLY.

Clinical Considerations: Coadministration and Other Routinely Vaccines

- Almost all vaccine can be administered at the same clinical visit.
- Some vaccines should NOT be coadministered on the same day, including:
 - PCV13 (Prevnar) and PPSV23 (Pneumovax)
 - PCV13 (Prevanr and MenACWY (Menactra)





Clinical Considerations



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Best Practices: Preparation

- Prepare vaccines in a clean, designated medication area.
- Perform proper hand hygiene before vaccine preparation.
- Always check the expiration dates on the vaccine and diluent, if needed.
- Always check the BUD, if applicable, on the vaccine.
 - The BUD replaces the manufacturer's expiration date.
 - DO NOT prepare/administer vaccine past the BUD.

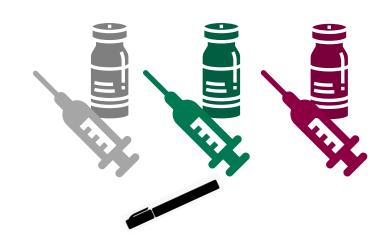




Prepare each injectable vaccine using a separate needle and syringe.

Best Practices: Preparing More Than One Vaccine

- Label each syringe with the:
 - Name and the dosage (amount) of the vaccine
 - Lot number
 - Initials of the preparer
 - Exact beyond-use time, if applicable



Injectable Influenza and COVID-19 Vaccines: Route and Site

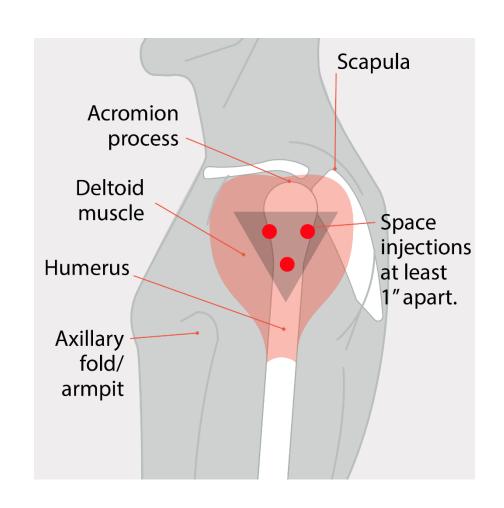
Vaccines	Route	Recommended Site
COVID-19 Vaccine	Intramuscular (IM) injection	Deltoid muscle* in the upper arm
Non-live Influenza Vaccine— IIV4, aIIV, ccIV4, HD-IIV4, RIV4	Intramuscular (IM) injection	Deltoid muscle* in the upper arm

^{*}The vastus lateralis muscle in the anterolateral thigh may be used as an alternate site.

EACH recommended site can be used for more than one injection.

Separate injection sites by at least 1-inch apart, if possible.

CDC Epidemiology and Prevention of Vaccine Preventable Diseases, Vaccine Administration chapter www.cdc.gov/vaccines/pubs/pinkbook/vac-admin.html



Administer vaccines that are most likely to cause injection site reactions in different limbs, if possible.

CDC Epidemiology and Prevention of Vaccine Preventable Diseases, Vaccine Administration chapter www.cdc.gov/vaccines/pubs/pinkbook/vac-admin.html

COVID-19 Vaccine and Other Vaccines

- COVID-19 vaccine is associated with local reactions including:
 - Pain
 - Redness
 - Swelling

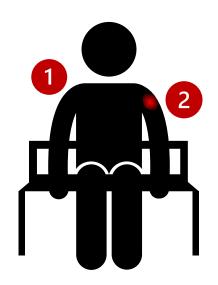


Pain and Vaccine Injections

The order of vaccine injections matter.

Some vaccines are painful when they are injected.

Administer these vaccines last.





Clinical Considerations



Best Practices



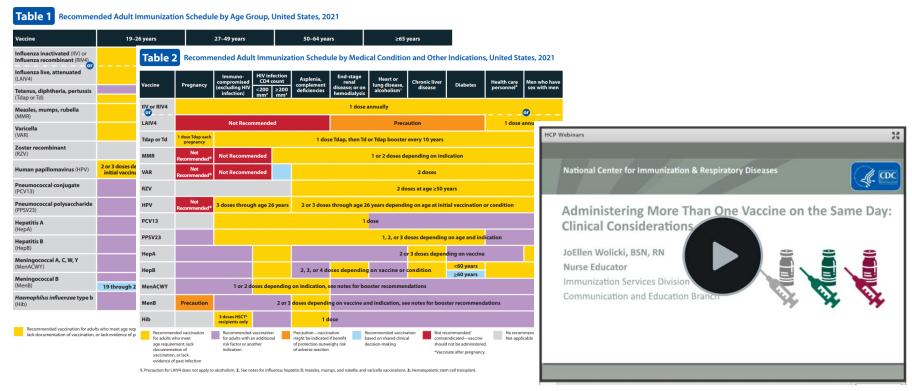
Clinical Resources

Clinical Resources

- Multiple clinical education programs and materials are available free through the CDC website:
 - Vaccine administration
 - You Call the Shots self-study modules
 - COVID-19 vaccine materials
- Continuing education available

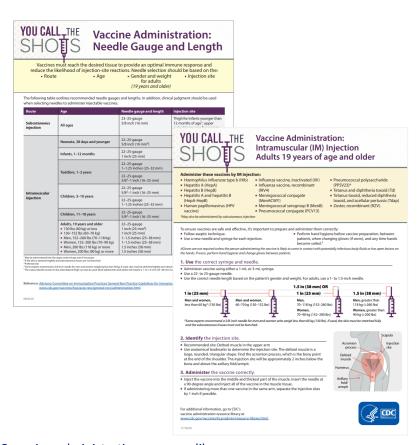


Coadministration and Other Routinely Recommended Vaccines



Recommended Adult Immunization Schedule for ages 19 years or older, United States, 2024w.cdc.gov/vaccines/schedules/hcp/imz/adult.html Administering More Than One Vaccine on the Same Day: Clinical Considerations www.cdc.gov/vaccines/covid-19/training-education/webinars.html

Vaccine Administration Resources







their knowledge of influenza vaccination recommendations. The best way to prevent the flu is to get vaccinated each year

Title: Subcutaneous (SC or Subcut) Injection: Administration

Short Description: This training addresses how to administer a subcutaneous (SC or subcut) injection, injections are commonly used in health care settings to administer vaccines for disease prevention. A needle is used to inject the vaccine nto the tissue layer between the skin and the muscle. Safe injection practices minimize risk of injuries, infections, and noninfectious adverse events for both patients and providers. Health care providers are always advised to observe patients for

Title: Subcutaneous (SC or Subcut) Injection: Supplies

Short Description: This training addresses how to select the equipment needed to prepare for a subcutaneous (SC or subcut) njection. Aseptic technique must be used to protect vaccines, injection equipment, and supplies from microbial ontamination. Safe and sterile injection practices minimize risk of injuries, infections, and non-infectious adverse events for both patients and providers

Title: Subcutaneous (SC or Subcut) Injection: Sites

Short Description: This training helps providers identify subcutaneous (SC or subcut) injection sites. A needle is used to inject the vaccine into the tissue layer between the skin and the muscle. The appropriate site for a subcutaneous injection for those under 12 months of age is the fatty tissue over the anterolateral thigh. The fatty tissue over the triceps area of the upper arm is preferred for those older than 12 months of age. Safe injection practices minimize risk of injuries, infections, and non-infectious adverse events for both patients and providers. Health care providers are always advised to observe patients for 15 minutes after vaccination.

Title: Intramuscular (IM) Injection: Supplies (Children Birth through 18 Years of Age)

Short Description: This training addresses how to select the equipment needed to prepare an intramuscular (IM) injection for children from birth through 18 years of age. A supply of needles of the appropriate lengths should be available. Aseptle technique must be used to protect supplies from microbial contamination. Safe injection practices minimize risk of injuries infections, and non-infectious adverse events for both patients and providers. Health care providers are always advised to observe patients for 15 minutes after vaccination.

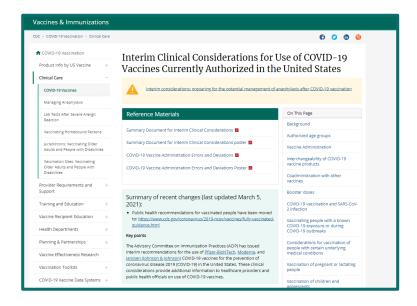
Title: Intramuscular (IM) Injection: Supplies (Adults 19 Years of Age and Older)

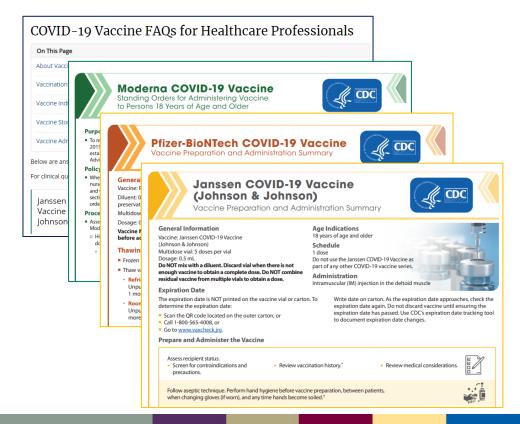
Short Description: This training addresses how to select the equipment needed to prepare an intramuscular (IM) injection for adults 19 years of age and older. A supply of needles of the appropriate lengths should be available. Aseptic technique must be used to protect supplies from microbial contamination. Safe injection practices minimize risk of injuries, infections, and non-infectious adverse events for both patients and providers. Health care providers are always advised to observe patients for 15 minutes after vaccination

Title: Intramuscular (IM) Injection: Sites

Short Description: This training helps providers identify intramuscular (IM) injection sites. A needle is used to inject the vaccine into the muscle. The appropriate site for an intramuscular injection for those under 2 years of age is the vastus lateralis muscle. The deltoid muscle over the triceps area of the upper arm is preferred for persons 3 years of age and older. Safe injection practices minimize risk of injuries, infections, and non-infectious adverse events for both patients and providers. Health care providers are always advised to observe patients for 15 minutes after vaccination.

CDC COVID-19 Vaccines Resources





CDC Resources

- Advisory Committee on Immunization Practices General Best Practice Guidelines for Immunization: www.cdc.gov/vaccines/hcp/acip-recs/general-recs/index.html
- You Call the Shots Vaccine Administration: www2.cdc.gov/vaccines/ed/vaxadmin/va/ce.asp
- CDC Vaccine Administration Resource Library: www.cdc.gov/vaccines/hcp/admin/resource-library.html
- CDC Injection Safety website: www.cdc.gov/injectionsafety/providers.html
- Epidemiology and Prevention of Vaccine-Preventable Diseases, Vaccine Administration Chapter: www.cdc.gov/vaccines/pubs/pinkbook/vac-admin.html