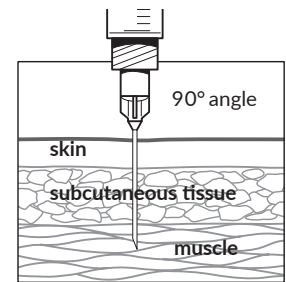


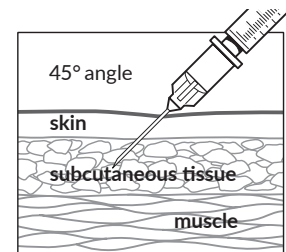
Administering Vaccines to Adults: Dose, Route, Site, and Needle Size

Vaccine	Dose	Route
COVID-19 For product and dosage information for COVID-19 vaccine primary series and booster doses for both immunocompetent and immunocompromised adults, see CDC's "COVID-19 Vaccine Interim COVID-19 Immunization Schedule for Persons 6 Months of Age and Older." ¹		IM
Hepatitis A (HepA)	≤18 yrs: 0.5 mL; ≥19 yrs: 1.0 mL	IM
Hepatitis B (HepB)	<i>Enerix-B; Recombivax HB</i> ≤19 yrs: 0.5 mL; ≥20 yrs: 1.0 mL <i>Heplisav-B; PreHevbrio</i> ≥18 yrs: 0.5 mL	IM
HepA-HepB (Twinrix)	≥18 yrs: 1.0 mL	IM
Human papillomavirus (HPV)	0.5 mL	IM
Influenza, live attenuated (LAIV4)	0.2 mL (0.1 mL in each nostril)	Intranasal spray
Influenza, inactivated (IIV4) and • Cell-culture based (ccIIV4, Flucelvax), 3+ yrs • Recombinant (RIV4, Flublok) 18+ yrs • Adjuvanted (aIIV4, Fludac) 65+ yrs	0.5 mL	IM
Influenza, inactivated, high-dose (IIV4-HD) 65+ yrs	0.7 mL	IM
Measles, Mumps, Rubella (MMR)	0.5 mL	<i>MMR II (Merck)</i> IM or Subcut
		<i>Priorix (GSK)</i> Subcut
Meningococcal serogroups A, C, W, Y (MenACWY)	0.5 mL	IM
Meningococcal serogroup B (MenB)	0.5 mL	IM
Mpox (Jynneos)	0.5 mL	Subcut ²
Pneumococcal conjugate (PCV)	0.5 mL	IM
Pneumococcal polysaccharide (PPSV23)	0.5 mL	IM or Subcut
Respiratory Syncytial Virus (RSV) vaccine	0.5 mL	IM
Tetanus, Diphtheria (Td) with Pertussis (Tdap)	0.5 mL	IM
Varicella (VAR)	0.5 mL	IM or Subcut
Zoster (RZV, Shingrix)	0.5 ³ mL	IM

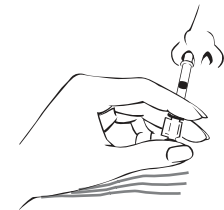
Intramuscular (IM) injection



Subcutaneous (Subcut) injection



Intranasal (NAS) administration of Flumist (LAIV) vaccine



¹ www.cdc.gov/vaccines/covid-19/downloads/COVID-19-immunization-schedule-ages-6months-older.pdf

² Administer mpox vaccine (Jynneos) 0.5 mL subcut or, in adults, 0.1 mL intradermally. Subcut is the route indicated on the package insert. Intradermal administration to adults is permitted under FDA emergency use authorization (see www.fda.gov/media/160774/download).

³ The Shingrix (RZV) vial may contain more than 0.5 mL. Do not administer more than 0.5 mL.

Injection Site and Needle Size

[§] Alternate needle lengths may be used if the skin is stretched tightly and subcutaneous tissues are not bunched, as follows:
a) a 3/8" needle for patients weighing less than 130 lbs (<60 kg) for IM injection in the deltoid muscle only, or b) a 1" needle for administration in the anterolateral thigh muscle for adults of any weight.

Subcutaneous (Subcut) injection – Use a 23–25 gauge, 5/8" needle. Inject in fatty tissue over triceps.		
Intramuscular (IM) injection – Use a 22–25 gauge needle. Choose the needle length and site as indicated below:		
BIOLOGICAL SEX AND WEIGHT OF PATIENT	NEEDLE LENGTH	INJECTION SITE
Female or male less than 130 lbs	5/8" [§] –1"	Deltoid muscle of arm
Female or male 130–152 lbs	1"	
Female 153–200 lbs	1"–1½"	
Male 153–260 lbs		
Female 200+ lbs	1½"	
Male 260+ lbs		
Female or male, any weight	1" [§] –1½"	Anterolateral thigh

NOTE: Always refer to the package insert included with each biologic for complete vaccine administration information. CDC's Advisory Committee on Immunization Practices (ACIP) recommendations for the particular vaccine should be reviewed as well. Access the ACIP recommendations at www.immunize.org/acip.

