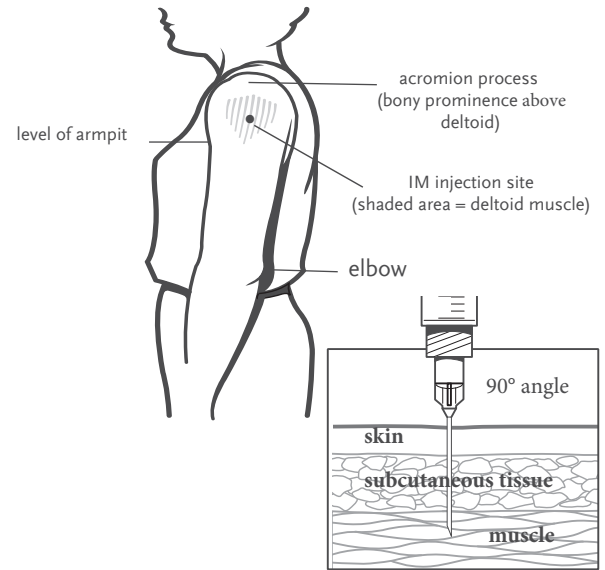


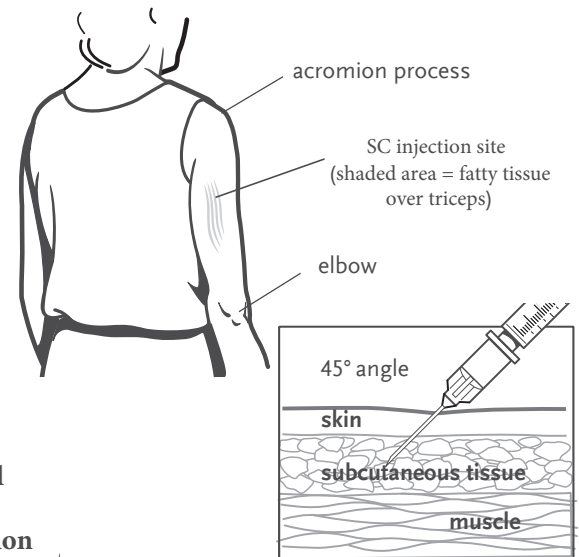
Administering Vaccines to Adults: Dose, Route, Site, and Needle Size

Vaccine	Dose	Route
Anthrax (AVA)	0.5mL	IM
Hepatitis A (HepA)	≤18 yrs: 0.5mL	IM
	≥19 yrs: 1mL	
Hepatitis B (HepB)	<i>Engerix-B; Recombivax HB</i> >20 yrs: 1mL ≤19 yrs: 0.5mL	IM
	<i>HEPLISAV-B</i> ≥18 yrs: 0.5mL	
HepA and HepB (HepA/B)	≥18 yrs: 1mL	IM
Human papillomavirus (HPV)	0.5mL	IM
Influenza, live attenuated (LAIV)	0.2mL (0.1mL in each nostril)	NAS
Influenza, inactivated (IIV) and recombinant (RIV)	0.5mL	IM
Japanese encephalitis (JE-VC)	0.5mL	IM
Measles, Mumps, Rubella (MMR)	0.5mL	SC
Meningococcal serogroups A, C, W, Y (MCV4)	0.5mL	IM
Meningococcal serogroup B (MenB)	0.5mL	IM
Rabies (RAB)	0.5mL	IM
Smallpox (SPV)	15 jabs	PC
Tetanus, Diphtheria (Td); with Pertussis (Tdap)	0.5mL	IM
Typhoid (ViCPS)	0.5mL	IM
Varicella (VAR)	0.5mL	SC
Yellow Fever (YF-Vax)	0.5mL	SC

Intramuscular (IM) injection



Subcutaneous (SC) injection



Injection Site and Needle Size

Subcutaneous (SC) injection – Use a 23–25 gauge, 5/8" needle. Inject in fatty tissue over triceps.

Intramuscular (IM) injection – Use a 22–25 gauge needle. Inject in deltoid muscle of arm. Choose the needle length as indicated below:

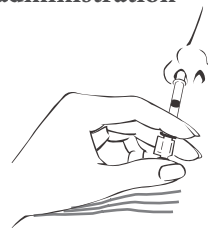
Gender/Weight	Needle Length	
Female or male less than 130 lbs	5/8"*-1"	* A 5/8" needle may be used for patients weighing less than 130 lbs (<60 kg) for IM injection in the deltoid muscle ONLY if the subcutaneous tissue is not bunched AND the injection is made at a 90-degree angle.
Female or male 130–152 lbs	1"	
Female 153–200 lbs	1–1 1/2"	
Male 153–260 lbs		
Female 200+ lbs	1 1/2"	
Male 260+ lbs		

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: <https://www.cdc.gov/vaccines/hcp/acip-recs/general-recs/index.html>.

Adapted from Immunization Action Coalition:
www.immunize.org/catg.d/p2020a.pdf • Item #P2020a (1/18)
www.immunize.org/catg.d/p3084.pdf • Item #P3084 (10/18)

Intranasal (NAS) administration



Percutaneous (PC) injection

