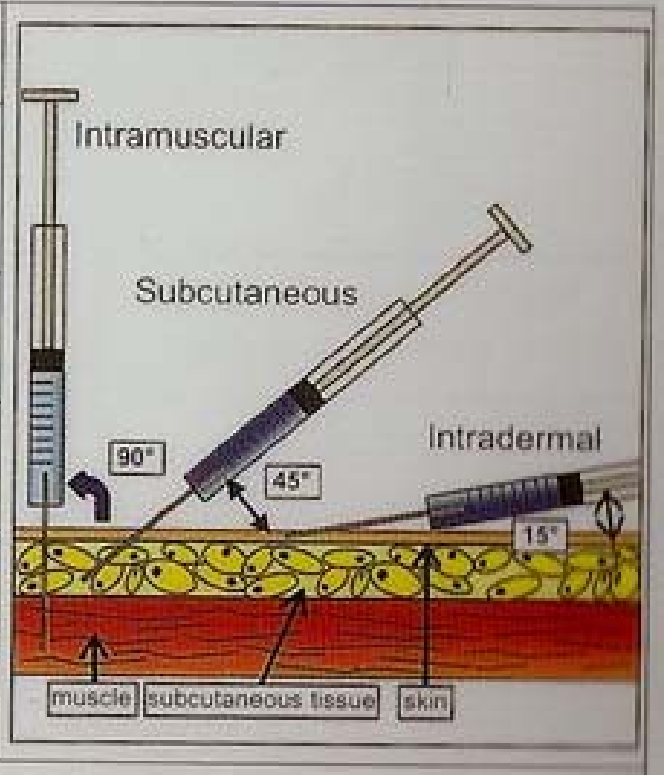
Intradermal (ID), Subcutaneous (SC), and Intramuscular (IM)

	ID	SC	IM
Site	Inner forearm, chest, and back	Outer upper arm, anterior thigh, and abdomen	Gluteus, thigh, and deltoid muscles
Gauge and Length	25 g 1/4–3/8″	25–28 g 5/8″	23 g 1–1½″
Angle	10–15°	90° 45° for very thin patients	90°
Volume	0.1–0.2 mL	0.5–1 mL	Up to 3 mL; small muscles (deltoid) no more than 1 mL
IV push is generally 1 mL/min