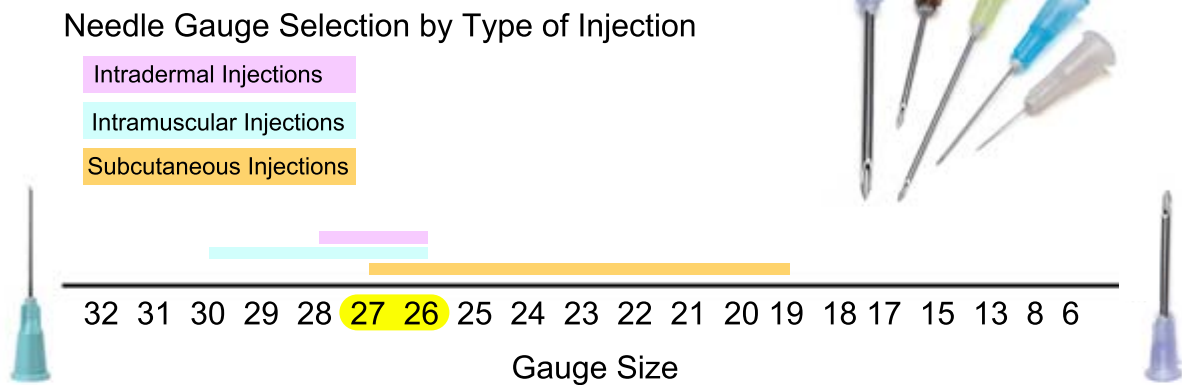


# Needle Selection Continuum

## Needle Gauge



- Gauge recommendations for intradermal injections - 26 to 28.
- Gauge recommendations for intramuscular injections - 26 to 30.
- Gauge recommendations for subcutaneous injections - 19 to 27.
- There is overlap between all three injection types for gauges 26 and 27.
- The higher the gauge, number, the smaller the diameter of the needle.
- The higher the viscosity of the fluid, the lower the gauge size.
- The lower the gauge number, the stronger the needle, resulting in less chance of bending or breaking.
- The higher the gauge number, the less pain or bruising experienced by patients.

Source: Becton Dickinson

