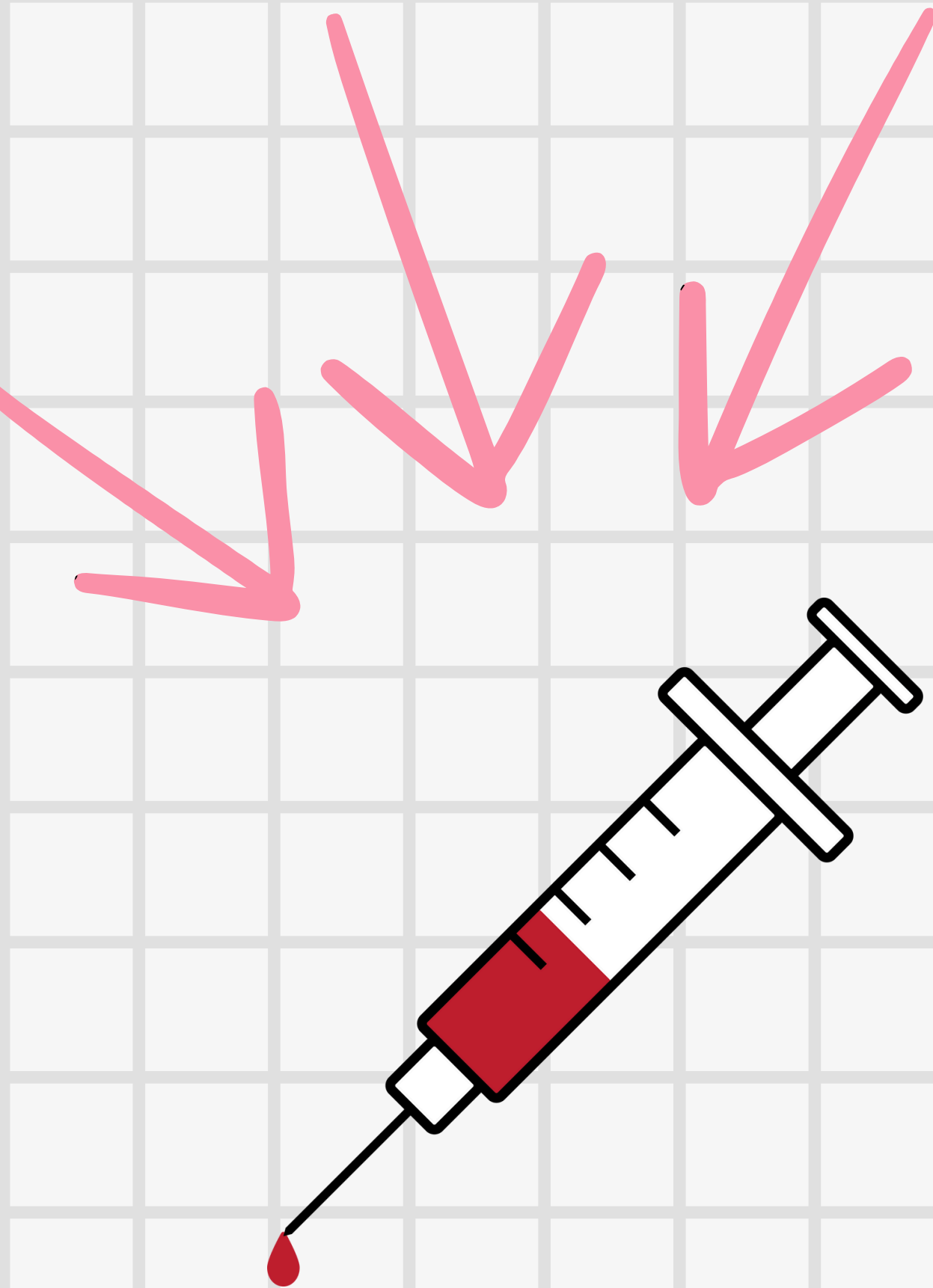




Needle Gauges

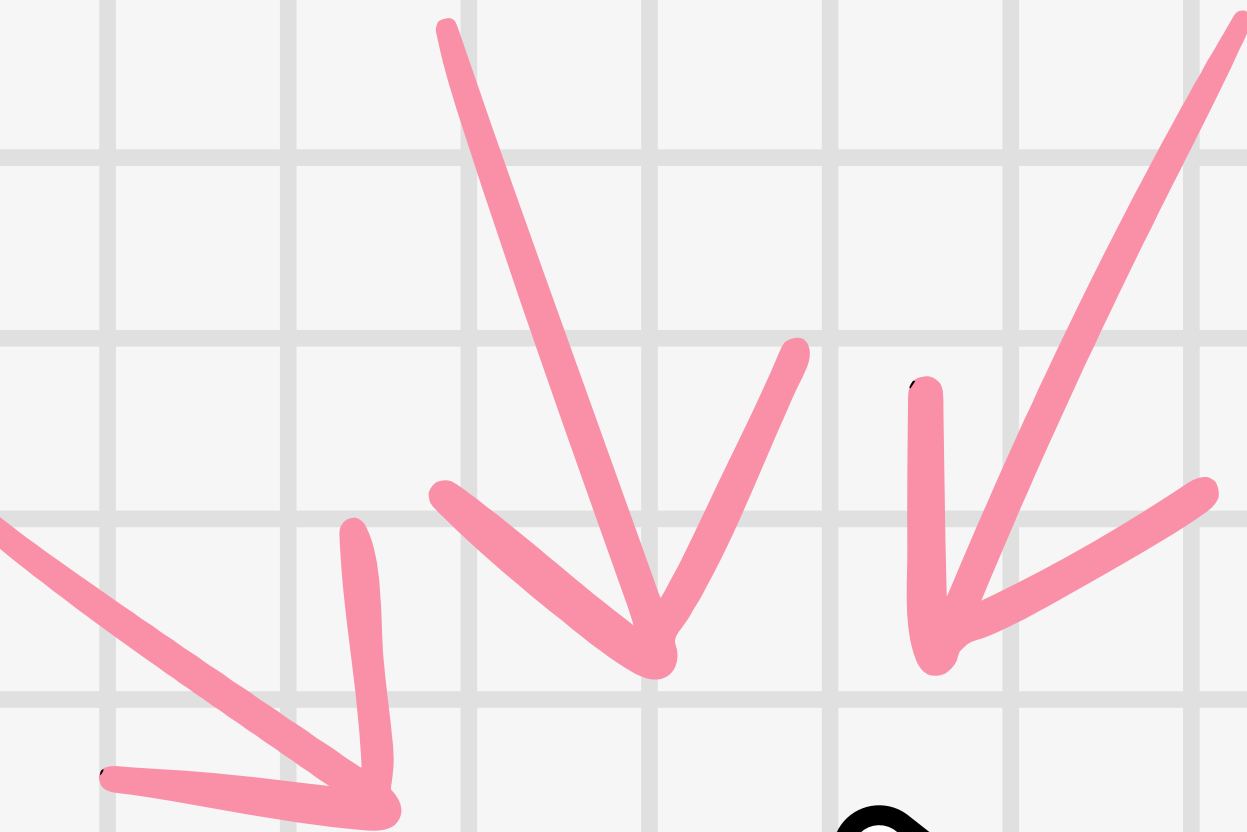
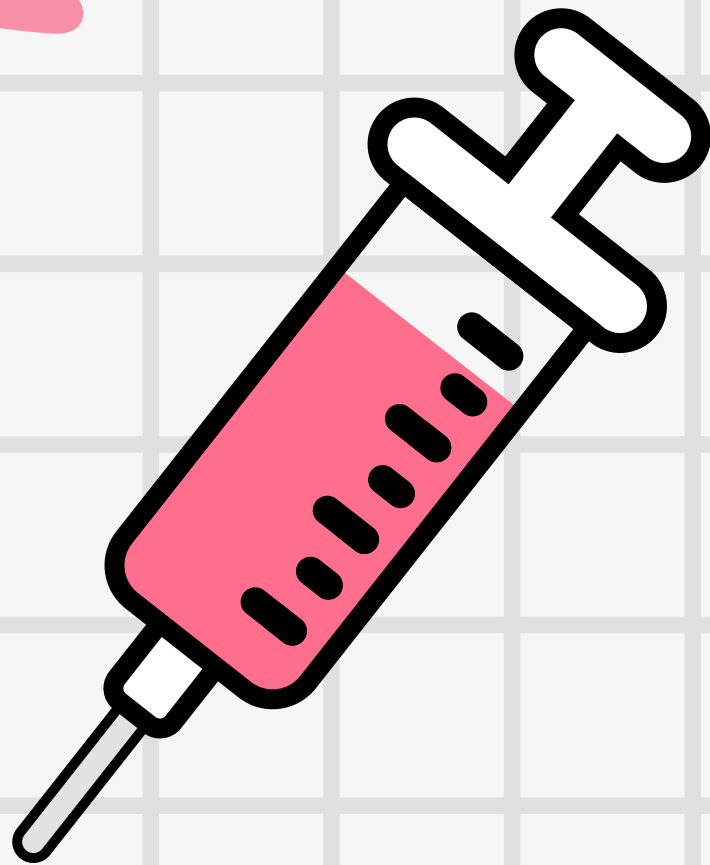
18 Gauge needle

- 18g needles are not used for routine blood draws. A needle this large is used for donating more substantial quantities of blood that require a faster blood flow rate, such as blood donor units and therapeutic phlebotomy. The 18g needle comes attached to the collection bag and does not require additional assembly.



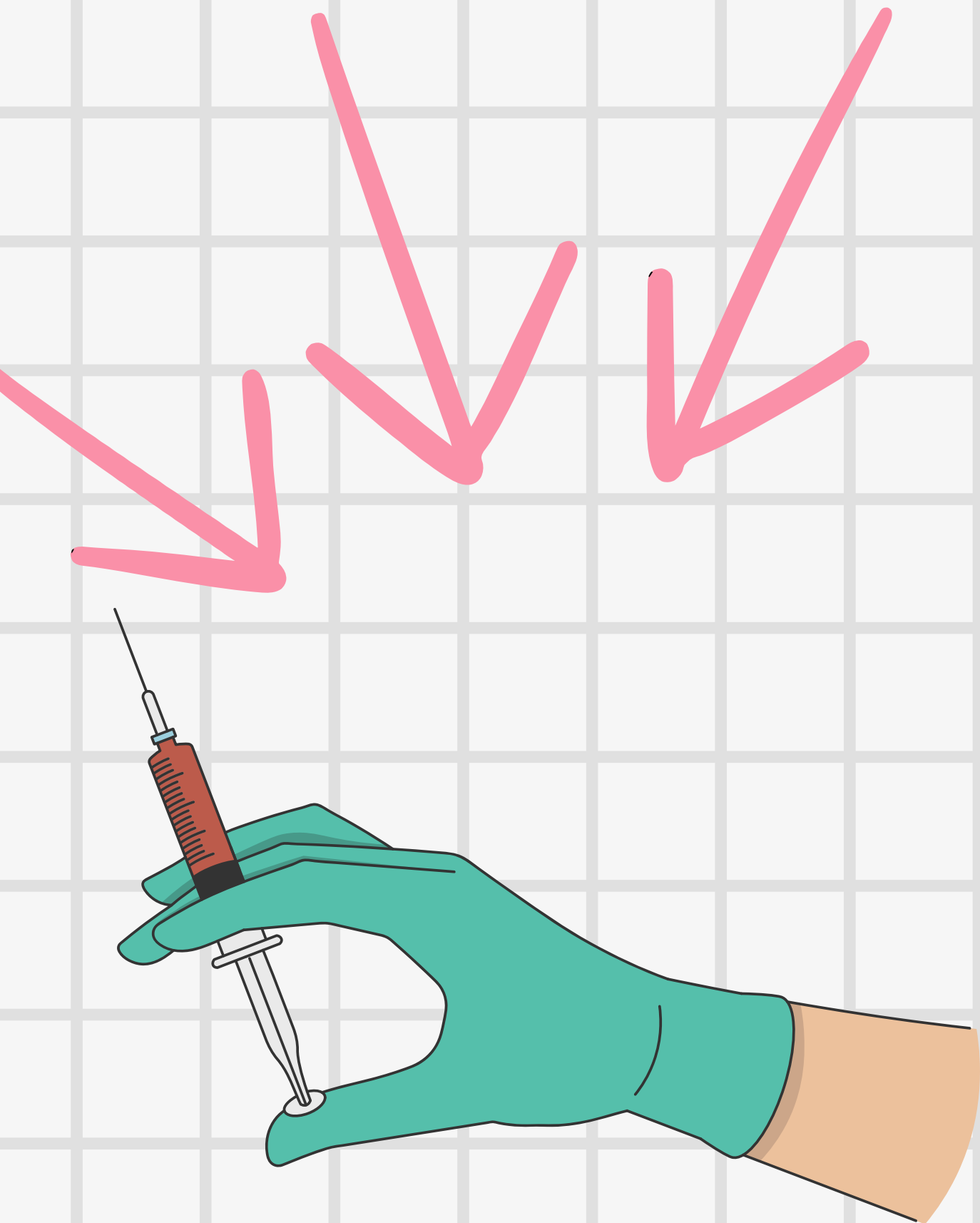
21 Gauge needles

- 21g needles are the most common gauge of needles used for routine blood draws and venipuncture. The gauge is small enough in which it does not cause any significant pain or discomfort during use. For most patients, their veins are of a size and stability that is best suited for the 21g needle. In some circumstances, however, it may be required to use a smaller size needle than 21g.



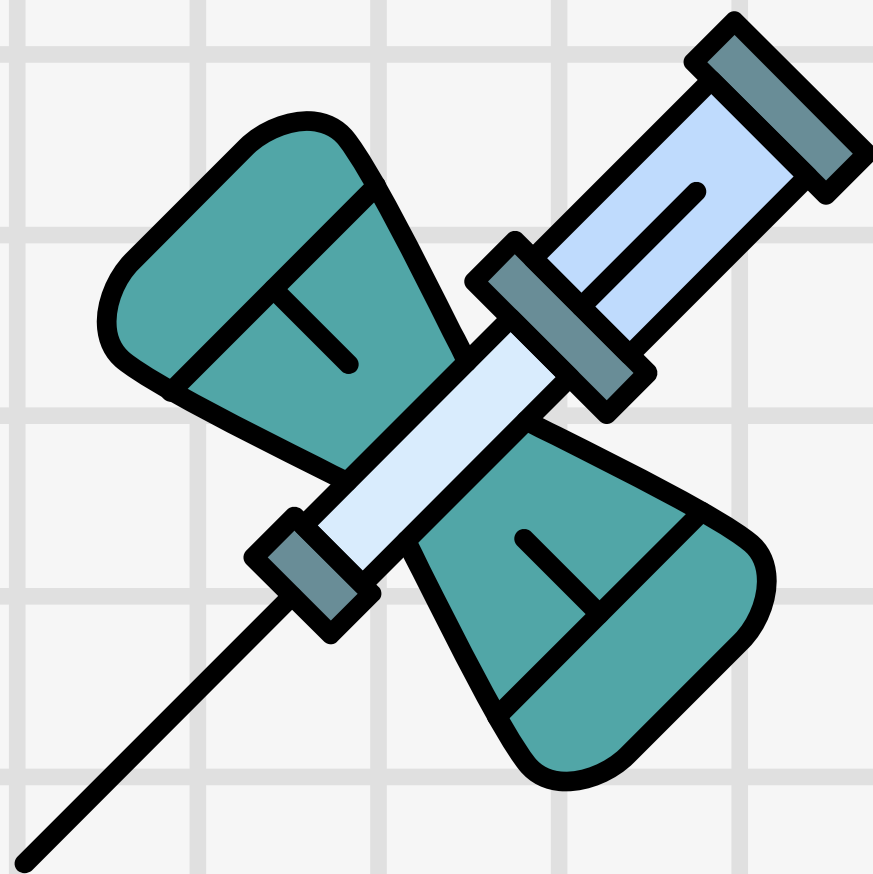
22 Gauge needle

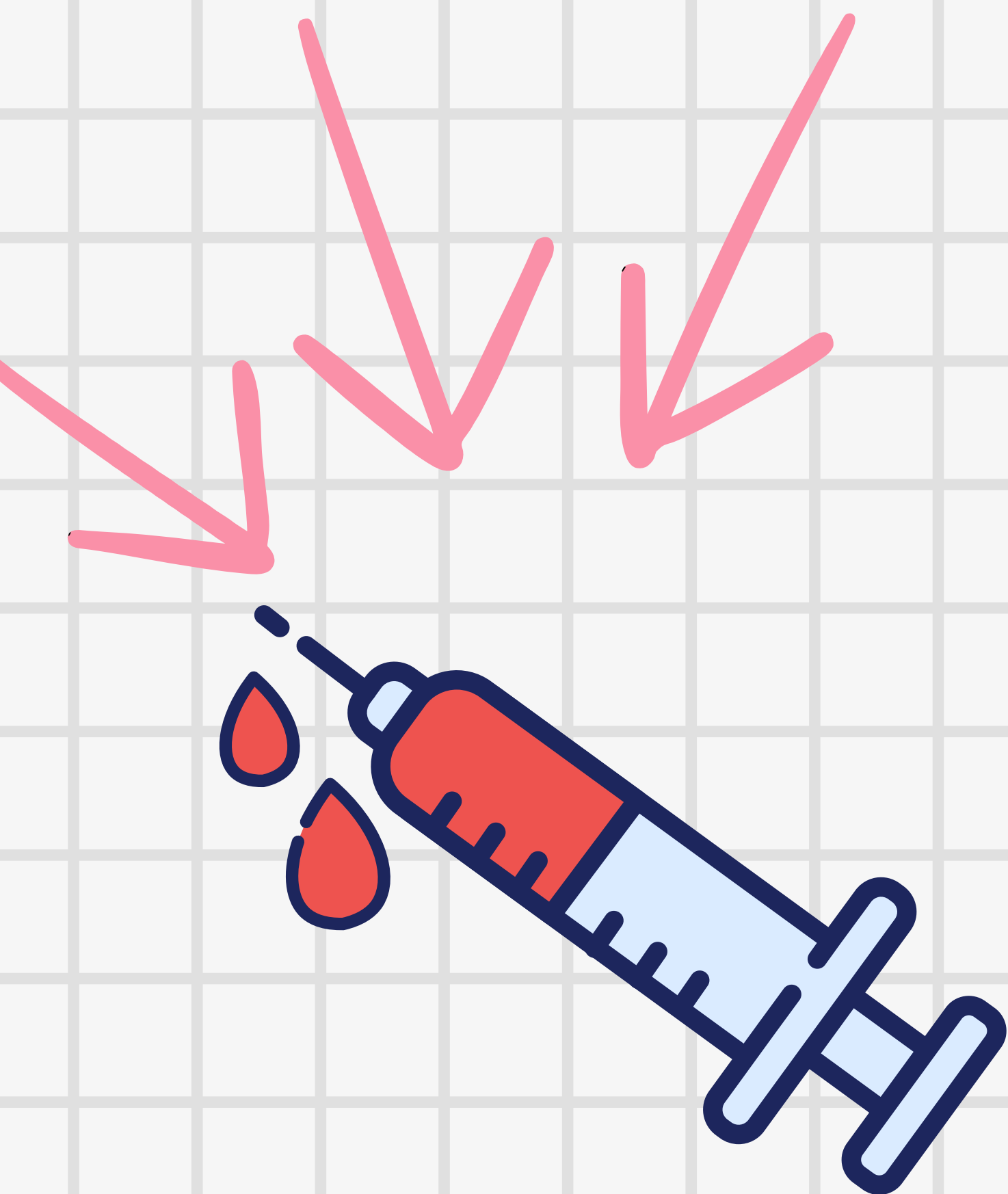
- Depending on the facility, 22g needles are occasionally utilized for routine blood draws. The slightly smaller size may assist the phlebotomist with slightly smaller veins they may encounter on older children or adult patients.



23 Gauge Needle

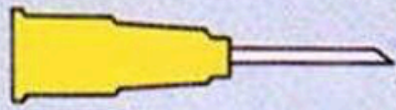

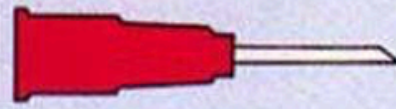
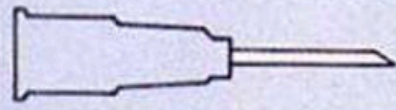


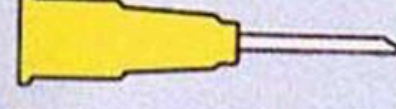
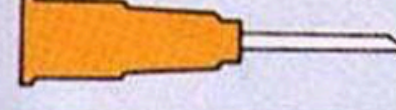
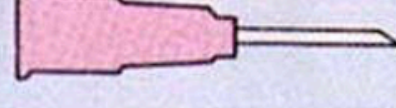
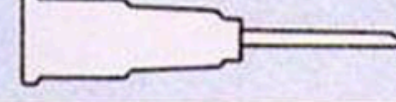
- 23g needles, also known as butterflies, are used when a person's vein is much narrower than average. It is light blue color color-coded. Despite the phlebotomist's efforts to anchor the vein, the patient may be unwell or have minimal sites to choose from, requiring a smaller needle.
- Small children and infants are the most common patients to be drawn on using a 23g needle also as their veins are naturally much thinner than those of an adult.





Phlebotomists generally use 21-gauge needles for routine blood draws in adults. However, 22-gauge needles can be used for veins in older children or adults, and 23-gauge winged or butterfly (blue-colored) are used for thinner veins. 16- or 17-gauge needles are often used for blood donation.

SPECIFICATION

COLOR CODE	GAUGE LENGTH	
	26G(0.45mm)	1 / 2" (13mm)
	25G(0.5mm)	5 / 8" (16mm)
	24G(0.55mm)	3 / 4" (19mm) 1" (25mm)
	23G(0.6mm)	1" (25mm) 3 / 4" (19mm) 1 3 / 4" (32mm)
	22G(0.7mm)	1" (25mm) 1 1 / 4" (32mm) 1 1 / 2" (38mm)
	21G(0.8mm)	1" (25mm) 1 1 / 4" (32mm) 1 1 / 2" (38mm)
	20G(0.9mm)	1 1 / 4" (32mm) 1 1 / 2" (38mm)
	19G(1.1mm)	1 1 / 4" (32mm) 1 1 / 2" (38mm)
	18G(1.2mm)	1 1 / 4" (32mm) 1 1 / 2" (38mm)
	17G(1.3mm)	1 1 / 2" (38mm)