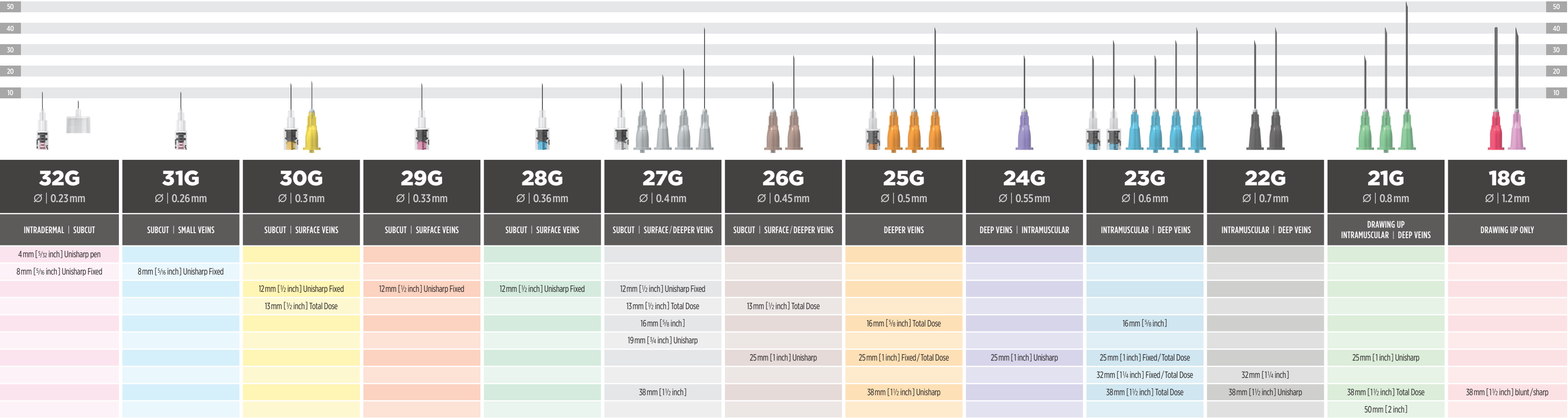


GUIDE TO NEEDLE SIZE



EXCHANGE
SUPPLIES
MAKING INJECTING SAFER



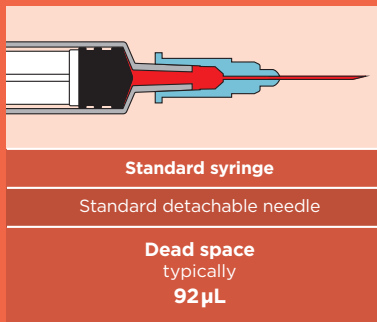
GUIDE TO DEAD SPACE

Dead space is the space between the end of the plunger and the tip of the needle.



High dead space syringe

Syringes made for detachable needles have a large dead space in the tip of the syringe, and in the hub of the needle that holds blood – this makes them more dangerous when shared because more blood means more virus, and longer viral survival.

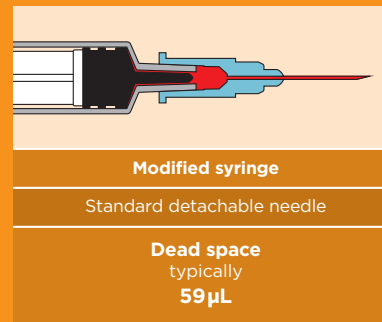


Reduced dead space syringe

Reduced dead space syringes have a spike on the end of the plunger that fills most of the tip of the syringe.

They are limited in their ability to reduce the dead space because around half of the dead space is in the needle hub.

They are not compatible with low dead space needles because the plunger spike pushes them off the syringe.

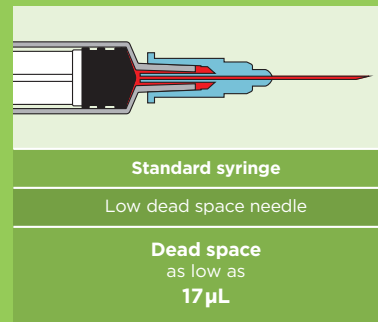


Low dead space needle

Total Dose low dead space needles use a plastic spike to reduce the dead space both in the needle hub, and the tip of the syringe.

This reduces the amount of drug left in the tip of the syringe, and the need for flushing.

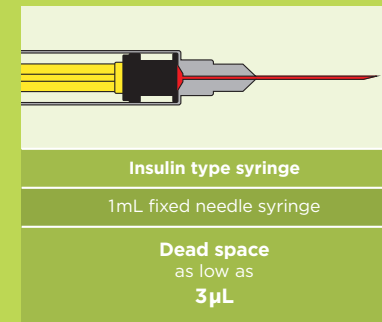
Total Dose needles have a lower dead space than reduced dead space syringes.



Low dead space syringe

1mL fixed needle syringes have a very low dead space. This means that there is very little blood in them after injecting.

This reduces risk of HIV and hepatitis transmission because there are fewer viral particles, and it also reduces the survival time for any blood-borne viruses remaining after use.



The Unisharp 1mL fixed low dead space syringes come in a range of sizes and with coloured plungers to help prevent accidental sharing.



Total Dose low dead space needle range

