

Chapter 9

PERIPHERAL IV ACCESS

Indications

- Rapidly administer medications and fluids

Tools



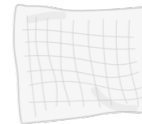
Tourniquet



IV



Connector



Gauze



Alcohol wipe



Biofilm adhesive

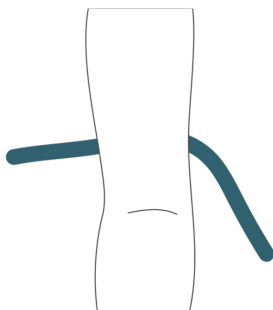


Tape

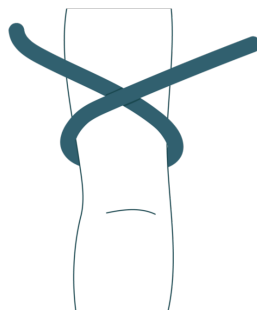


Saline flush

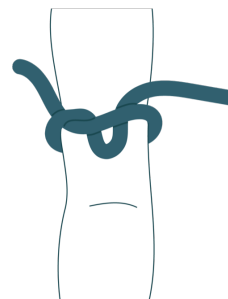
Tourniquet placement



Wrap around arm



Cross ends



Push one end into center of cross



Tighten

Procedure

1. Guide needle tip into vein at shallow angle
2. Once blood enters, push catheter over needle until back is flush with skin
3. Apply pressure to kink tube
4. Retract needle
5. Attach connector
6. Draw blood (if necessary)
7. Flush IV and clamp connector
8. Secure IV using biofilm



Pearls

- To relieve anxiety in children, show catheter beforehand
- To steady vein in elderly, pin vein and push up towards tourniquet above placement site