

Indications:

Obtaining IV access is a prerequisite for many medical therapies and should be performed on any patient who will require intravenous medications, fluids, or blood products.

Critically ill patients often require multiple sites of IV access for rapid volume resuscitation or the simultaneous infusion of multiple medications.

Contraindications:

- Avoid using extremities with fistulas or are ipsilateral to lymph node resections.
- Avoid cannulating a vein in an area of cellulitis, burn, or massive edema.
- Consider avoiding vessels in lower extremities if abdominal trauma suspected

Supplies:

- Gloves
- Angiocath
- Extension Tube
- 0.9% NaCl flush
- Tourniquet
- Antiseptic
- Tegaderm
- Gauze
- Tape
- Stat-lock



Instructions:

1. Assemble supplies, put on gloves, flush extension tubing
2. Put tourniquet on extremity
3. Visualize and palpate a suitable vein, clean with antiseptic
4. Apply countertraction to skin distal to target site
5. Insert angiocatheter at 30 degree angle just proximal to target site
6. Observe for flash
7. After flash, drop angle and smoothly advance teflon catheter to hub
8. Remove tourniquet, occlude vein, remove the hypodermic needle
9. Connect extension tubing and secure catheter in place

Watch the the instructional video at coreem.net