

INFUSING INTO A PERIPHERAL VEIN (VENIPUNCTURE)

STEP 1-Site Selection

- Identify area for intravenous access
- Select appropriate vein for intravenous initiation
- Check injection site area for suitability

STEP 2 – Preparation

- Choose a clean, dry, well-lit work area
- Lay out the following supplies:
 - Factor concentrate (premixed, connected to butterfly needle making sure butterfly is primed and all air is removed)
 - Extra butterfly needle
 - Alcohol wipes
 - Gauze or cotton ball
 - Tourniquet
 - Tape (optional)
- Wash hands, under nails and forearms using warm water. Use antibacterial soap.
- Dry hands with paper towel
- Turn off taps with paper towel and discard

STEP 3 – Initiation Technique

- Find a vein that is smooth, straight and easy to feel at the bend of the elbow, forearm or hand. (The vein may not be easily seen but can be felt).
- Making a fist and release it using a pumping action. This will help make the

vein increase in size and become more obvious.

- Apply the tourniquet 7-15 cm above the chosen needle site. It should be tight enough to restrict surface venous flow but not too tight to restrict circulation in the deeper arteries.

• Clean the skin over the selected site with an alcohol swab using a firm upward stroke. Let it dry

• Hold the wings of the butterfly needle together between your thumb and index finger. Remove the plastic protective cap. Make sure that the bevel (the open part) is up.

• The vein you are trying to puncture may roll away from the pressure of the needle. Using your middle or ring finger pull the skin taut to anchor the vein. Holding the butterfly with your thumb and index finger.

- Puncture through the skin with one quick movement at a 30° angle.

Once through the skin, angle the needle to about 15-20° and slide it into the vein—you should feel a “give” or a “pop”. Blood should be seen

where the tubing connects to the needle. **The needle does not need to**

be pushed all the way to the wings. Secure butterfly with tape

(optional).

STEP 4- Infusing Factor

• Check that the needle is in a good position by gently pulling back on the plunger of the syringe; if blood comes back into the tubing you are ready to begin infusing.

- Release the tourniquet.

- With your thumb on the end of the plunger, **slowly** push in the mixed factor solution with smooth steady pressure at the prescribed rate.
- Check frequently for blood return by pulling back on the syringe plunger to confirm position
- When the factor treatment is finished, remove the butterfly needle and apply pressure with a dry gauze or cotton ball for a **minimum** of 2 minutes.

STEP 5- Clean up

- Dispose the used supplies safely. Sharps in sharps container and gauze with blood on it in biohazard
- Clean workspace
- Wash hands

STEP 6- Infusion Record

- Record infusion day, month, year, dose and frequency in to MyCBDR.
- Record all bleeds in to MyCBDR