



NATIONAL HEMOPHILIA FOUNDATION
for all bleeding disorders

NHF Nursing Working Group

Infusion Therapy Guidelines

Before Procedure

- Check provider order for infusions
- Gather supplies
- Review procedure with patient and/or family
- For young children, holding help may be necessary
- Infusion area used should have adequate lighting and ensure patient comfort and safety
- Obtain consent
- Perform hand hygiene
- Mix factor and prepare syringe per package guidelines

Vein selection

- Position patient comfortably with limb resting on firm surface. Young patients may require positioning assistance.
- Use a tourniquet to assess veins for infusion site and needle selection
 - Using a tourniquet will allow the vein to become full and larger feeling
 - If accessing the arms have the patient make a fist or dangle their arm which will allow the veins to dilate.
- Palpate and trace the direction of the vein
- Select the appropriate size needle for venipuncture

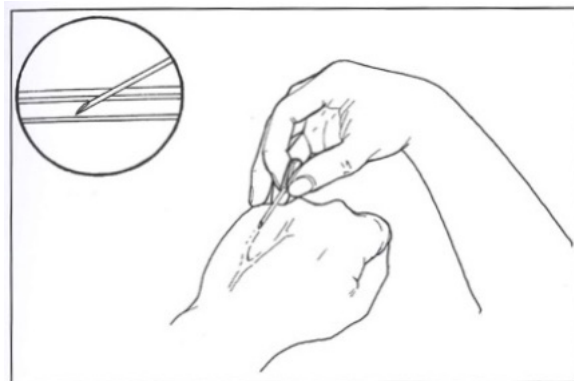
Prepare the site

- Cleanse site using product per institution guidelines
- Cleanse the site in a circular motion from inside to outside
- Allow to dry
- Do not touch the cleansed site prior to needle insertion

Perform venipuncture

- Hold the extremity to be infused with your non dominant hand and use the thumb to pull the skin taut by pulling away from the site.
- With the bevel of the needle up insert needle in an approximately 30-degree angle.

Needle entering a vein.



Courtesy "The Hemophilia, von Willebrand Disease & Platelet Disorders Handbook," published by Hemophilia of Georgia.

- Once the skin has been entered you can adjust the needle for the depth of the vein.
- When you see blood in the tubing you are in the vein. Pull back on the syringe slightly to check for a blood return.
- Release the tourniquet
- Gently push the factor into the vein while watching the insertion site for signs of infiltration
- Infuse the factor over the recommended time per product information
- Once all the Factor is infused remove the needle and dispose of sharps per local guidelines

Post procedure

- Apply a pressure once completed and keep pressure for a minimum of 5 minutes.
- Document according to your institutional guidelines.

References

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