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.
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


