

POSTPROCEDURE

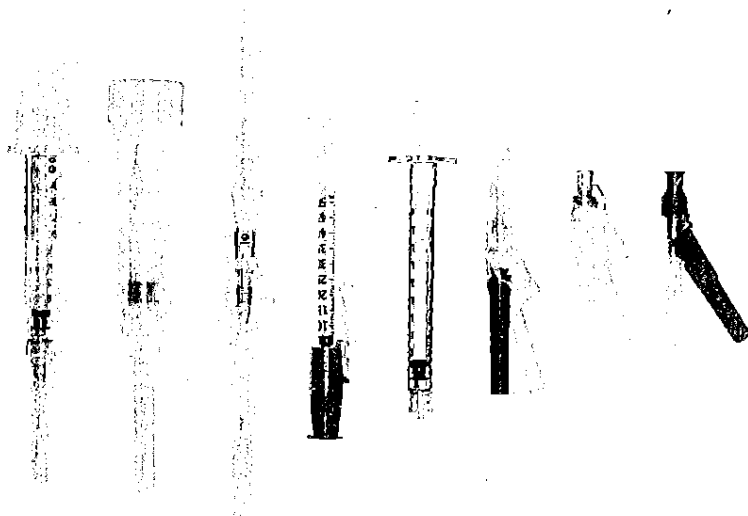
NURSING ACTIONS

- **Maintaining the patency of IV access**
 - Do not stop a continuous infusion or allow blood to back up into the catheter for any length of time. Clots can form at the tip of the needle or catheter and lodge against the vein's wall, blocking the flow of fluid.
 - Instruct clients not to manipulate the flow rate device, change the settings on the IV pump, or lie on the tubing.
 - Make sure the IV insertion site's dressing is not too tight.
 - Flush intermittent IV catheters with the appropriate solution after every medication administration or every 8 to 12 hr when not in use, according to the facility's policy.
 - Monitor the site and infusion rate at least every hour.
- **Discontinuing IV therapy**
 - Check the prescription.
 - Prepare the equipment.
 - Perform hand hygiene.
 - Don clean gloves.
 - Clamp the IV tubing.
 - Remove the tape and dressing, stabilizing the IV catheter.
 - Apply a sterile gauze pad over the site without putting pressure on the vein. Do not use alcohol.
 - Using the other hand, withdraw the catheter by pulling it straight back from the site, keeping the hub parallel to the skin.
 - Elevate the extremity and apply pressure for 2 to 3 min and until bleeding stops.
 - Examine the site.
 - Apply tape over the gauze.
 - Use a pressure dressing, if necessary.
 - Check the catheter for intactness.
 - Dispose of the catheter in the designated puncture-resistant receptacle, and the IV solution and equipment in the appropriate location.
 - Document.

TYPES OF IV ACCESS

- Peripheral vein via a catheter
- Jugular or subclavian vein via a central venous access device

49.1 Needleless injection system



GUIDELINES FOR SAFE IV MEDICATION ADMINISTRATION

- Use an infusion pump to administer medications that can cause serious adverse reactions, such as potassium chloride. Never administer them by IV bolus.
- Never administer IV medications through tubing that is infusing blood, blood products, or parenteral nutrition solutions.
- Verify the compatibility of medications with IV solutions before infusing a medication through tubing that is infusing another medication or IV fluid.

NEEDLESTICK PREVENTION Qs

- Be familiar with IV insertion equipment.
- Do not use needles when needleless systems are available. (49.1)
- Use protective safety devices when available.
- Dispose of needles immediately in designated puncture-resistant receptacles.
- Do not break, bend, or recap needles.