



Preparing a Vial of Medicine in a Sterile Bag



Use this teach sheet to walk you through your infusions. Check with your home health nurse to see which steps do apply to you.

Four Steps for Performing Infusions:

- 1- PRACTICE GOOD HAND-WASHING 2- PREPARE SUPPLIES 3- PREPARE IV LINE 4- START AND STOP INFUSION

Medication(s) to infuse: _____

Home Infusion Nurse (name, #): _____

STEP 1: PRACTICE GOOD HAND-WASHING

- Always remember to **WASH YOUR HANDS** for a full 20 seconds when instructed.

STEP 2: PREPARE SUPPLIES

- Remove your medication from the refrigerator before the infusion so that it can get to room temperature.
- Check your medication to confirm it has your name, the right dose, and the medication has not expired. **WASH HANDS.**
- Clean workspace & SAS or SASH mat with cleaning solution. **WASH HANDS.**
- Gather the following supplies and arrange above your SAS or SASH mat: 4-5 alcohol wipes; 2 saline syringes; 1 heparin syringe; 1 bag of fluid and vial of medication powder; medication orders; 1 set of gravity or flow regulator tubing; 1 red cap to protect the IV fluid; 1 IV pole. **WASH HANDS.**
- Unwrap supplies (syringes, bag and tubing) and place in the correct location on top of your SAS or SASH mat.
- Do not unwrap the cap. Keep it above the "A" of your SAS or SASH mat.
- Inspect the bag and vial for leaks, damage or discoloration.
- Remove any paper tabs from the tubing set and keep the clamp on the tubing closed. Place on top of your SAS or SASH mat (A).
- Grasp the bag in one hand and the vial in the other.
- Bend the connection between the bag and the vial until you feel the plastic stopper break.
- Hold the bag above the vial and squeeze to push fluid from the bag to the vial.
- If the fluid is not flowing into the vial, bend the connection to break the plastic stopper again.
- Once fluid has entered the vial, shake the vial to dissolve the powder.
- Hold the vial above the bag. Squeeze air from the bag into the vial to force the dissolved medication from the vial into the bag.
- Repeat these mixing steps until all the powder is dissolved and the fluid is in the bag. It is okay if a small amount of fluid is left in the vial.
- Place the bag in the correct location ("A") on top of your SAS or SASH mat.
- Follow the steps in either the gravity or flow regulator checklists.

STEP 3: PREPARE IV LINE & STEP 4: START AND STOP INFUSION

- See gravity or flow regulator checklists based on your tubing set.

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