



Performing Home Infusions with an Elastomeric (Eclipse) Device

Use this teach sheet to walk you through your infusions. Check with your home infusion nurse to see if any steps do not 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

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. Ask your nurse how long in advance you should remove your medicine: _____ hours.
- Check your medication to confirm it has your name, the right dose, and the medication has not expired. WASH HANDS.
- Clean workspace & SAS/H mat with cleaning solution and paper towels, alcohol pads, or sanitizing wipes. WASH HANDS.
- Gather the following supplies and arrange above your SAS/H mat: 4-5 alcohol wipes; 2 saline syringes; 1 prefilled heparin syringe (if prescribed); 1 medication ball; medication orders. WASH HANDS.
- Unwrap supplies (syringes, medication ball and tubing) and place in the correct location on top of your SAS/H mat.
- Inspect the medication ball for leaks, damage or discoloration.
- Remove any paper tabs from the medication ball tubing and keep the clamp on the eclipse ball tubing closed.

STEP 3: PREPARE IV LINE

- WASH HANDS. Scrub the hub = clean the end cap (hub) by wrapping an alcohol square over & around the hub for 15 sec. Allow to dry.
- Remove air bubbles from the syringe. Flush your IV line with saline (“pulse flush”). Remove empty saline syringe from the IV line. WASH HANDS.
- Double-check the three questions across the top of your SAS/H mat. Scrub the hub with a NEW alcohol square.
- Connect your medication ball tubing to the hub of your IV line using a “push and twist” motion.

STEP 4: START AND STOP INFUSION

- Open the clamps on your IV line and medication ball tubing to allow your medication to infuse.
- You will know your infusion is complete when no bulges are present in the inner column of the ball. The balloon inside the ball will deflate. WASH HANDS.
- Close the clamp on the medication ball tubing to stop the infusion. Remove medication ball tubing from the IV line.
- Remove any air bubbles from the syringe. ‘Scrub the hub’ of your IV line with a NEW alcohol square for at least 15 seconds.
- Flush your IV line with saline (“pulse flush”). Remove empty saline syringe from the IV line.
- If you are not using heparin, close the clamp on your IV line. WASH HANDS.
- If you are using heparin, flush your IV line with heparin (“pulse flush”). Remove the empty heparin syringe from the IV line. Close the clamp on your IV line. WASH HANDS.

Disclosure: This project was funded under grant R01HS027819 from the Agency for Healthcare Research and Quality (AHRQ), U.S. Department of Health and Human Services (HHS). The authors are solely responsible for this document’s contents which should not be interpreted as an official position of AHRQ or of HHS.