Performing Home Infusions with an Intravenous Push Device

Use this checklist to walk you through your infusions. Check with your home infusion nurse to see which steps may not apply to you.

### Four Steps for Performing Infusions:

- Practice good hand-washing  
- Prepare supplies  
- Prepare IV line  
- Start and stop infusion

<table>
<thead>
<tr>
<th>Step</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Practice good hand-washing</td>
</tr>
<tr>
<td>2</td>
<td>Prepare supplies</td>
</tr>
<tr>
<td>3</td>
<td>Prepare IV line</td>
</tr>
<tr>
<td>4</td>
<td>Start and stop infusion</td>
</tr>
</tbody>
</table>

#### 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 & SASH mat with cleaning solution (alcohol/sanitizing wipes or Lysol + paper towels). WASH HANDS.
- Gather the following supplies and arrange **above** your SASH mat: 4-5 alcohol wipes; 2 prefilled saline syringes; 1 prefilled heparin syringe; 1 pre-filled medication syringe; medication orders. WASH HANDS.
- Unwrap syringes and place in the correct location **on top** of your SASH mat.
- Remove any air bubbles from syringes and inspect the medication syringe for discoloration or cloudiness. The fluid should be clear with no color.

#### 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.
- 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 SASH mat. Scrub the hub with a **NEW** alcohol square.
- Connect your medication syringe to the hub of your IV line using a “push and twist” motion.

#### STEP 4: START AND STOP INFUSION

- Open the clamp on your IV line.
- Slowly push the medication syringe to the speed noted in your medication orders.
- Once your medication syringe is empty, remove the syringe from the hub of your IV line. WASH HANDS.
- ‘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.

This project was funded under grant 1K08HS025782-01 from the Agency for Healthcare Research and Quality (AHRQ), U.S. Department of Health and Human Services (HHS). The authors are responsible for this document’s contents which should not be interpreted as an official position of AHRQ or of HHS.