

Administering IV Therapy Using a Curlin Infusion Pump



Administering intravenous (IV) therapy at home using an infusion pump requires careful attention to ensure safety and effectiveness. Below is a guide to assist you:

1. Preparation

- Clean Workspace: Ensure your work area is clean. Wipe the surface with a disinfecting wipe or soapy water.
- Gather Supplies
- Hand Hygiene: Wash your hands thoroughly with soap and water for at least 20 seconds.

2. Inspect Medication

- Check the medication label for your name, medication name, dosage, and expiration date and inspect bag for leaks, cloudiness, or particles, if any concerns contact Pharmacy.

3. Prepare the Infusion Pump

- Familiarize yourself with your specific infusion pump model by reviewing the instructions provided.
- If your pump uses batteries, check that they are charged or replace them as needed.

4. Prepare the IV Tubing and Medication

- Close the clamp on the IV administration set.
- If using a medication bag, remove the protective cap from the bag's entry port and the cap from the tubing spike. Insert the spike into the medication bag's entry port using a pushing and twisting motion until it's fully seated.
- Follow the manufacturer's instructions to load the tubing set into the pump.
- Hang the medication bag on an IV pole or place the bag into a carrying case.

5. Program the Infusion Pump

- Turn on the infusion pump. You will hear beeps as pump does internal check.
- Using arrows highlight "PROGRAM" and press yes key then highlight "REPEAT RX" and press yes key.
- Release clamps on the tubing, press and hold prime key until fluid is at end of tubing. Once priming complete press yes to exit.

6. Flush Your IV Line

- Clean the injection cap on your IV catheter with an alcohol pad for at least 15 seconds and allow it to air dry.
- Attach a saline flush syringe to the injection cap using a push and twist motion.
- Open the clamp on your IV line.
- Flush the IV line with saline using a push-pause method: push a small amount of saline, pause, and repeat until the syringe is empty.
- Close the clamp on your IV line and remove the saline syringe.

7. Connect the IV Tubing to Your IV Line

- Clean the injection cap with a new alcohol pad for 15 seconds and let it air dry.
- Remove the cap from the IV tubing and connect it to the injection cap on your IV catheter using a push and twist motion.



8. Start the Infusion

- Open the clamp on your IV line.
- Press the no key to review pump setting and compare to your medication label then press run key, you will see green light blinking.
- Monitor the infusion to ensure it's running at the correct rate and observe for any signs of complications.

9. After the Infusion

- Once the infusion is complete, the pump may alarm or display a message indicating completion. Press the run/pause key.
- Close the clamp on your IV line and the clamp on the IV tubing.
- Disconnect the IV tubing from your IV catheter and discard.

10. Flush Your IV Line Again

- Clean the injection cap with a new alcohol pad for 15 seconds and let it air dry.
- Attach a saline syringe and flush the IV line using the push-pause method.
- If prescribed, repeat the process with a heparin flush syringe to prevent clotting.
- Close the clamp on your IV line after flushing.

11. Dispose of Supplies

- Dispose of used supplies, such as syringes and IV tubing, in accordance with local regulations and your Infusion Nursing Provider's instructions.
- Wash your hands thoroughly after completing the procedure.



When to Contact Your Infusion Nursing Provider

- If you experience pain, redness, or swelling around the catheter site.
- If the catheter does not flush or you feel resistance.
- If you see leaking or notice the catheter is damaged.