



#### **Infusion Services**

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## **Home Chemotherapy**

### **CADD Pump**

Your physician has prescribed your chemotherapy to be administered via a CADD infusion pump. Your CADD pump is programmed according to your physician orders to allow the prescribed medication to be administered continuously at a steady rate. You will need to take the pump with you wherever you go; it is best to use the pouch provided.

**If you have questions related to the CADD pump, or if you are not able to troubleshoot the CADD pump, please contact HomeStar Infusion Services at 484-526-4210. There is always a HomeStar pharmacist available, even after our regular business hours.**

Please review the CADD Prizm Patient Information Guide provided, and ask your clinician if you have any questions. Refer to the CADD Prizm Patient Information Guide for management of pump alarms.

Your infusion is to run continuously until disconnected by your nurse. Make sure the pump is operating by verifying the green light is blinking.

Do not allow the pump to get wet.

When you sleep, keep the pump next to you or under your pillow.

The screen on your CADD pump will go blank to conserve the battery. You are able to bring the screen back by pressing the "NEXT" key.

When there are 5 ml remaining in your medication cassette or bag, the pump will beep, and the screen will alert that "Reservoir Volume is Low". The pump will keep running and both the green and the yellow light are flashing. This is a normal function of the pump to alert that the infusion will be completed soon.

If you are not able to troubleshoot the pump, contact HomeStar Infusion Services at 484-526-4210. Contact your home care or infusion nurse for issues with your IV access.

### Starting the pump:

1. Press the START/STOP on the pump.
2. The pump asks “Start the pump?”
3. Press “Y” to start the pump.

### Stopping the pump:

1. Press the START/STOP on the pump.
2. The pump asks “Stop the pump?”
3. Press “Y” to stop the pump.

**Changing the battery:** If “Battery Low” appears on the screen, replace the battery with the battery provided.

1. Stop the pump.
2. Press the button on the battery door and slide the door forward.
3. Remove the old battery.
4. Match the + and – markings on the new battery with the pump markings and insert the battery. The pump will beep if the battery is inserted correctly.
5. Replace the battery door.
6. Start the pump. (The power up sequence will take a few minutes before the pump starts to run.)

**Confirm the pump is working:** The green light in the upper right hand corner blinks every 3 seconds when the pump is running and delivering medication.

## Troubleshooting

**CADD Pump Alarms (Refer to the CADD Manual provided for more detailed troubleshooting.)**

<b>When you see:</b>	<b>Take this action:</b>
“9 volt battery low”	Change the battery.
“9 volt battery depleted”	Change the battery.
Blank display or random characters	Change the battery.
“Cassette damaged” showing on screen	Contact the pharmacy.
“High Pressure”	The tubing is most likely kinked. Straighten the tubing and verify that the pump is running.
Error Detected	Clamp the tubing and contact the pharmacy.

If none of the actions taken resolve the issue, contact HomeStar Infusion Services at 484-526-4210.

## **Care with Administration of Chemotherapy**

Disposable gloves should be worn during all chemotherapy administration activities (changing bags, cassettes or tubing, priming, connection, etc.).

Priming the tubing: Special care should be taken when priming the tubing. The cap on the end of the IV tubing should be removed and priming should be performed into a sterile, alcohol-dampened gauze sponge.

When handling the patient's urine or stool, disposable gloves should be worn by the patient and/or caregiver for 24 hours following the administration of chemotherapy.

### **Disposal of used materials**

Each patient will be provided with a yellow plastic sharps container marked "Chemotherapy Waste". Sharps and chemotherapy waste will be placed in this container.

When the container is 2/3 full, contact the pharmacy for a replacement sharps container.

### **Spill Management**

In the event of a spill or leakage, or if you come in direct contact with the chemotherapy, follow these steps:

1. In the event of chemotherapy spilled on the skin or household items, immediately change the involved gloves or gown.
2. Immediately wash the affected skin area with soap and water. Call your physician or nurse for further instructions.
3. Eye involvement: Immediately flood the affected eye with water or eye wash material. Have your eye examined as soon as possible. Call your physician or nurse with any questions.
4. Clothing and/or bedclothes involvement: Change the affected clothing and/or bedclothes as soon as possible and launder separately using regular laundry detergent. Call your physician or nurse with any questions.
5. If a chemotherapy medication spills, using your Chemotherapy Spill Kit, follow these steps:
  - a. Open the bag.
  - b. Put on gloves.
  - c. Keep family members, visitors and pets away from the area.

- d. Use the absorbent towels to cover the spill.
- e. Wipe the area dry.
- f. Wash the area with soap and water.
- g. Place all contaminated materials in the yellow sharps container.
- h. Notify your emergency contact and HomeStar Infusion Services of the spill.

## **FAQ's**

### **Where does the medication go?**

Attached to the bottom of the pump is a medication cassette reservoir which will hold your prescribed chemotherapy. The medication cassette reservoir is then connected to extension tubing which attaches to your Port-A-Cath or IV site.

### **How should I carry the pump?**

You carry the pump in the pouch provided by using a belt or shoulder strap. Since the CADD pump is lightweight, you will be able to move about freely while the pump is running. At bedtime, the pump in its pouch can be worn loosely around the waist or placed next to you in the bed or under your pillow.

### **What should I do with the pump while bathing or showering?**

You should not take a shower while using the pump. A sponge bath during your treatment is encouraged. The pump is not waterproof. If you accidentally drop the pump in the water, retrieve it quickly, dry it off and call HomeStar Infusion Services. Call your nurse if your dressing gets wet so that it can be changed.

### **What should I do if I drop the pump?**

Inspect the pump for damage. If the pump is damaged, do not use the pump, close the clamp on the tubing and contact HomeStar Pharmacy.

### **How do I know the CADD pump is working properly?**

The word RUNNING will be on the top of the display screen, letting you know the pump is delivering medication. The pump settings are locked so nothing will happen if you accidentally touch the keyboard.

### **What should I do if an alarm sounds?**

Check the message on the display screen and follow the instructions above.

### **If I have problems with the pump, who do I call?**

Contact HomeStar Infusion Services at 484-526-4210.