



## **CADD SOLIS ADMINISTRATION PROCEDURE:** **BAG OR CASSETTE CHANGE IN PCA MODE**

Properly administering your medication via the CADD Solis Pump at home is important to your safety. Please call 1-800-755-4704 if you have any questions or concerns at all while administering the medication. We are available 24 hours a day, 7 days a week. In the event of an emergency, always call 911.

### **For teaching guides and videos:**

<https://chartwellpa.com/patients/patient-teaching-guides.asp>

### **SUPPLIES:**

- Cassette (with tubing attached) **OR**
- CADD tubing and medication bag (CADD tubing)
- Alcohol or antiseptic wipes
- 4 AA batteries for emergency backup
- Rechargeable battery/ A/C adapter
- CADD Solis key
- (2) Sodium Chloride (Saline) prefilled syringes
- (1) Heparin prefilled syringe

### **SASH FLUSH PROCEDURE:**

- S** Saline \_\_\_ ml
- A** Administer medication as instructed by your nurse
- S** Saline \_\_\_ ml
- H** Heparin \_\_\_ ml (if required)

### **PROCEDURE:**

1. Gather supplies. Clean work area. Wash Hands thoroughly for at least 20 seconds.
2. Check medication label for name, drug, frequency, and expiration. Inspect the medication bag or cassette for any cracks, leaks, particulate matter, and clarity of medication. Contact Chartwell for any discrepancies or concerns.
3. Prepare your prefilled syringes for flushing your IV Catheter as instructed by your nurse.
4. Remove Medication Cassette or CADD tubing from package. If a medication bag and CADD tubing is used, the medication bag will need to be spiked at this time.
  - a. Remove protective tab from entry port to medication bag.
  - b. Remove cover from spike on CADD tubing and insert spike into medication bag using a pushing-twisting motion. **DO NOT TOUCH SPIKE.**



7-01-059

**CADD SOLIS ADMINISTRATION PROCEDURE BAG OR CASSETTE CHANGE IN PCA MODE**

5. Press STOP/START button to stop pump.
6. Close all tubing clamps and disconnect the tubing from IV catheter as instructed by your nurse
7. Insert the pump key (hex key side) into the keyhole and turn counterclockwise to the open lock position.
8. Open pump latch lever 90 degrees and remove cassette/tubing from the pump.
9. Discard the used Medication Cassette **OR** tubing with attached medication bag as instructed by your nurse.
10. Attach new cassette/tubing to pump (hook hinged end first). Push up on the cassette until it firmly clicks into place **OR** place the pump upright on a firm, flat surface and then press down on the latch side of the pump until the cassette clicks into place. Close Latch.

**Note: Do not force the latch. If you are unable to latch the cassette with minimal effort and without force, the cassette is not in the proper latching position. Unlatch the cassette and repeat the process. The top of the screen will read “Cassette Partially Unlatched” or “Cassette Unlatched and Removed”.**

11. Once the cassette/tubing is properly attached **“Reservoir Cassette Latched”** message will appear on display.
12. Turn the pump key clockwise to close the lock position and double lock it to start the pump.
13. When **“Reset THE Reservoir Volume to \_\_ml?”** appears on display, press **“Yes”** to reset volume to the original programmed value.

### **PRIMING TUBING AND STARTING PUMP**

14. When the new cassette/tubing with medication bag is attached, the pump may automatically prompt you to prime the tubing. Cassettes come already primed. If your medication comes in a bag, you may need to prime the Remote Reservoir Adaptor tubing.
15. Pump will then ask, **“PRIME TUBING?”** Press **“YES”** on keypad (**IF NOT PRE-PRIMED**). Make sure clamps on tubing are open and turn pump on its side (**latch-side down**) to assist with the removal of air bubbles.
16. Pump screen will read **“Disconnect tubing from patient, open clamps then press Prime”**. Press **“PRIME”** on keypad.
17. Press and hold the **“Prime”** key until the tubing is fully primed or stop priming. **“Continue priming?”** Press **“NO”** if priming is complete.



7-01-059

**CADD SOLIS ADMINISTRATION PROCEDURE BAG OR CASSETTE CHANGE IN PCA MODE**

18. Clean the injection cap on the end of your IV catheter with an alcohol wipe vigorously for 30 seconds and let air dry for 60 seconds.
19. Attach a prefilled Sodium Chloride/Saline syringe to the injection cap of your IV catheter and flush the IV catheter as instructed by your nurse.
20. Disconnect the syringe from the injection cap of your IV catheter and discard.
21. Clean the injection cap on the end of your IV catheter with a new alcohol wipe vigorously for 30 seconds and let air dry for 60 seconds.
22. Remove protective cap from the end of the CADD tubing and attach tubing to the injection cap on the end of your IV catheter. **\*\*Do NOT TOUCH END OF TUBING\*\***
23. When **“Start Pump?”** appears on the display, check to see if the fluid path is free of air. Press **“Yes”** to start the pump. The pump will automatically review and display the program settings. **“Running”** will appear on top of screen in green, the green light will blink, and fluid delivery will begin.
24. Place CADD Solis pump with medication into the provided carrier pouch/bag, as instructed by your nurse.
25. Flush any additional lumens as directed in your plan of treatment.
26. Wash hands thoroughly, for at least 20 seconds.

**NOTE: After a short time, the display turns itself off to save power. To turn the display screen back on, press any button on the keypad.**

**NOTE: The CADD Solis pump runs on a rechargeable battery and will need plugged in to a wall jack using the AC adapter for 4-6 hours daily to recharge. In an emergency, the CADD Solis pump can run on 4-AA batteries. Please refer to the patient teaching handout for instructions on how to charge the CADD Solis pump and how to change the 4-AA batteries.**

**\*\*All Supplies and waste can be double bagged and disposed of with your household garbage\*\***

**NOTES:**