

# PATIENT EDUCATION

## CADD Solis Administration Procedure (Intermittent or Continuous Mode)

Properly administering your medication at home is important to your safety. In the event of an emergency, call 911.

### SUPPLIES:

- Medication bag or cassette
- CADD tubing (**change M-W-F for continuous Infusions, or daily if intermittent**)
- CADD Solis pump w/ rechargeable battery & AC adapter
- 4- AA batteries for emergency backup
- (2) Sodium chloride (Saline) prefilled syringes
- (1) Heparin prefilled syringe (if indicated)
- Alcohol or antiseptic wipes
- 4-AA batteries for emergency backup
- (1) light blue sterile cap

### SASH FLUSH PROCEDURE:

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

### PROCEDURE FOR INFUSION AND DAILY BAG WITH TUBING CHANGE:

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 syringe for any cracks, leaks, particulate matter, and clarity of medication. Contact us for any discrepancies or concerns.
3. Prepare your prefilled syringes for flushing your IV Catheter as instructed by your nurse.
4. Remove CADD tubing from package. Remove the blue clip from the top of the cassette by pulling up on the blue clip. This will prevent unintended gravity flow.
5. Remove protective tab from entry port of medication bag.
6. Remove cover from spike on CADD tubing and insert spike into medication bag using a pushing-twisting motion. **DO NOT TOUCH SPIKE.**
7. Press the Power button on the right side of pump. Pump will make a series of beeps. Main screen will appear with pump mode showing and **“READY TO BEGIN”** in center of screen.

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8. Open pump latch lever and attach new tubing to pump (hook the 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 latch. If you are unable to latch the cassette with minimal to no resistance, the cassette is not in the proper latching position. Unlatch the cassette and repeat the process. Top of screen will flash “High Volume or Standard Administration Set Latched”.

9. Check the pump screen, if **RESET RESERVIOR VOLUME TO \_\_\_\_\_? ML** appears, press “**YES**” on keypad. \*\*\*This question will not appear during initial infusion\*\*
10. Pump will then ask, “**PRIME TUBING?**” Press “**YES**” on keypad. Make sure clamps on tubing are open and turn pump on its side (latch-side down) to assist with the removal of air bubbles. Pump screen will read “**Disconnect tubing from patient, open clamps then press Prime**”. Press “**PRIME**” on keypad.
11. Prime until a drop of fluid is noted at the end of the tubing. Press “**STOP PRIMING**”. Pump will read “**CONTINUE PRIMING?**” Press “**NO**” if priming is complete.
12. Clean the injection cap on the end of your IV catheter with an alcohol/antiseptic wipe vigorously for 30 seconds and let air dry for 60 seconds.
13. 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.
14. Disconnect the syringe from the injection cap of your IV catheter and discard.
15. Clean the injection cap on the end of your IV catheter with a new alcohol/antiseptic wipe vigorously for 30 seconds and let air dry for 60 seconds.
16. 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\*\***

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

17. When “**START PUMP?**” Displays on the pump screen, press “**YES**” on the keypad. This will start the infusion. The pump will display that it is running, and the green indicator light will flash.

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### **AT THE END OF THE INFUSION:**

18. When infusion is completed, the pump will alarm and say, “**RESERVOIR VOLUME IS ZERO-PUMP STOPPED**”. Press “**ACKNOWLEDGE**” to stop alarm.
19. Turn pump off by pressing the Power button on the right side of pump.
20. Disconnect the tubing from the injection cap of your IV catheter.
21. If another dose of medication is to be administered the **SAME** day, place a light blue protective cap on the end of the tubing, keeping it sterile.
22. Clean the injection cap on the end of your IV catheter with an alcohol/antiseptic wipe vigorously for 30 seconds and let air dry for 60 seconds.
23. 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.
24. Disconnect the syringe from the injection cap of your IV catheter and discard.

### **If your catheter requires the use of Heparin: Complete steps 25 - 27, otherwise, skip to step 28**

25. Clean the injection cap on the end of your IV catheter with an alcohol/antiseptic wipe vigorously for 30 seconds and let air dry for 60 seconds.
26. Attach a prefilled Heparin syringe to the injection cap of your IV catheter and flush the IV catheter as instructed by your nurse.
27. Disconnect the syringe from the injection cap of your IV catheter and discard.
28. Remove medication bag/tubing or cassette from pump and discard if all infusions are completed for the day.
29. Flush any additional lumens as directed in your plan of treatment.
30. Wash hands thoroughly, for at least 20 seconds.

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### **PROCEDURE FOR BAG CHANGE ONLY:**

1. If pump is running, Press Stop/Start button on the keypad. Pump will read “**STOP PUMP?**” Press “**YES**”
2. Close clamp on tubing.
3. Remove protective tab from entry port of new medication bag.
4. Remove spike from existing medication bag and insert into new medication bag using a pushing twisting motion. **DO NOT TOUCH SPIKE.**
5. Press “**TASKS**” on keypad.
6. “**RESET RESERVIOR**” is highlighted, press “**SELECT**” on keypad. Pump will read “**RESET RESERVOIR VOLUME TO \_\_\_\_\_ ML?**” Press **YES**
7. Press **STOP/START** Button to start pump. Press **YES** to start pump.
8. Wash hands thoroughly, for at least 20 seconds.

**NOTE:** The CADD Solis pump runs on a rechargeable battery and will need to be plugged into a wall jack using the AC adaptor 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 of how to charge the CADD Solis pump or change the 4-AA batteries.

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

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The information included in this document is intended for informational and educational purposes only. It is not intended to replace medical advice offered by a physician or other qualified health provider. If you think you are experiencing a medical emergency, call 911 immediately.

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