



## CONTINUOUS SUBCUTANEOUS INFUSION VIA CADD SOLIS PUMP

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:

- IV Start kit
- Sub Q infusion set 25g to 27g
- Remote Reservoir tubing (CADD tubing) - change **daily**, unless otherwise instructed
- CADD Solis pump with rechargeable battery
- 4 - AA batteries for backup only
- Bag of medication
- Blue Clave Injection Cap
- Light blue sterile syringe tip caps
- Sharps container

### PROCEDURE:

1. Clean work area. Wash hands thoroughly for at least 20 seconds. Gather supplies.
2. Check medication label for name, drug, frequency, and expiration. Inspect the medication bag for any cracks, leaks, particulate matter, and clarity of medication. Contact Chartwell for any discrepancies or concerns.
3. Remove CADD Solis tubing from package. Remove the blue Flow Stop device from the top of the cassette by pulling the blue tab up. (This will prevent unintended gravity flow.)
4. Remove protective tab from entry port of medication bag.
5. Remove cover from spike on tubing and insert spike into medication bag using a pushing-twisting motion. **DO NOT TOUCH SPIKE.**
6. When using new tubing, attach blue clave injection cap to end of the Sub Q (subcutaneous) set needle tubing. Connect pump tubing to clave cap and prime tubing as directed. When tubing is fully primed, close slide clamp on tubing.

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.
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.

## **INFUSION PROCEDURE:**

12. Select a new site on your thigh or abdomen with each new needle placement
13. Cleanse site:
  - With an alcohol wipe, beginning at the center of the chosen site, clean a 3” diameter area of skin at the chosen site.
  - Or:**
  - With chloraprep using a back-and-forth friction scrub for approximately 30 seconds. Allow the site to dry thoroughly. **DO NOT BLOT SOLUTION DRY**
14. Carefully remove the protective cover from the needle. **NOTE: THE EXPOSED NEEDLE IS STERILE. DO NOT TOUCH IT OR ALLOW IT TO TOUCH ANY UNSTERILE SURFACE.**
15. Pinch the skin between your thumb and forefinger at the site you selected
16. Using a swift darting motion, insert the needle at a 30 to 45-degree angle into the skin fold and secure with transparent dressing.



17. Start pump by pressing **STOP/START** keypad. Display screen will read **“Start the pump?”** Press **“Y”** (YES). Pump will go through automatic review then the green light in upper right corner of pump will blink. Display screen will read **“RUNNING”**. Fluid delivery will begin.
18. Secure excess tubing with tape to abdomen or thigh. **NOTE:** Subcutaneous site(s) should be rotated every 3 to 5 days or more frequently if needed.

### **TO DISCONNECT TUBING AND PUMP:**

19. Wash hands thoroughly, for at least 20 seconds.
20. Disconnect tubing and pump from injection cap. Be careful not to touch the exposed end of the extension tubing.
21. Connect Light blue sterile cap to end of tubing from the pump.
22. Secure extension tubing from needle to skin with tape.

### **TO REMOVE NEEDLE:**

23. Wash hands thoroughly, for at least 20 seconds.
24. Gently remove transparent dressing while securing subcutaneous needle with your free hand.
25. Remove needle from the subcutaneous site.
26. Discard the needle into the sharps container.
27. Cover the injection spot with a gauze pad. You may apply direct pressure but avoid rubbing the site.
28. Wash hands thoroughly, for at least 20 seconds.

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



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CONTINUOUS SUBCUTANEOUS INFUSION FOR HYPODERMOCLYSIS VIA CADD SOLIS PUMP

**NOTES:**