

CADD PRIZM PUMP

I. CADD PRIZM PUMP OPERATION AND PROCEDURE

- A. Wash your hands.
- B. Gather and open your supplies on a clean work area.
- C. Check your medication doses for accuracy (patient name, drug, dose, expiration date)

II. DELIVERY MODES

- A. There are four (4) modes for programming infusions.
 1. Continuous
 2. Intermittent
 3. TPN
 4. PCA

III. PROGRAMMING THE CADD PRIZM PUMP

- A. Insert 9 volt battery into the back of the pump.
- B. The pump will beep & go through a series of checks, then revert to the main screen.
- C. Press next to review pump program that was entered by your nurse. Verify program with the label on your medication bag.

IV. PREPARING AND ATTACHING A NEW CADD ADMINISTRATION SET

- A. Insert spike of Cadd tubing into medication bag.
- B. Ensure that the pump is in the “STOP” mode.
- C. Ensure that the administration set tubing is closed with the clamp.
- D. Insert the hooks on the set plate into the hinge pins on the pump and place the pump with the set plate in an upright position on a firm, flat surface.
- E. Press downward on the pump to ensure that the set plate fits tightly against the bottom of the pump. Lock the set plate in place by inserting a coin in the slot of the pump’s locking button, pushing the button in; and then turning the button one-quarter turn counter-clockwise until a definite stop is felt.
- F. Using the pump:
 1. Press options until the option “Prime” appears.
 2. Press Yes.
 3. Release and press Yes again and hold while pump primes.

V. TO START THE INFUSION PUMP

- A. Press “START/STOP” key. “START THE PUMP?” will appear. Press Y. “STARTING PUMP” will appear. The pump will review the program, then start infusing.

VI. TO STOP THE INFUSION PUMP

- A. Press “START/STOP” key. When “STOP PUMP” appears, press Y. Pump is now stopped.



For any questions or concerns, call your home IV nurse according to the instructions your nurse has given you. Horizon Healthcare Services can also be reached 24 hours a day at (717) 290-3590 or toll free at (800) 848-3204

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VII. TO CHANGE THE BAG AND RESET THE PUMP

- A. Ensure the pump is in the “STOP” mode. (see section VI).
- B. Remove old administration set and tubing and discard.
 1. When using intermittent **single-dose bags**, only change the IV tubing every 24 hours. NOT with each dose.
 2. When using **multidose bags**, change the medication bag every 24 hours and the IV tubing every 3 days.
- C. Attach new CADD administration set and tubing (see section IV).
- D. Press the next key until “ML GIVEN” appears on the display.
- E. Press the enter key to clear the ml given value. A beep sounds to tell you this has happened, and the value “0000” will appear on the pump display.
- F. You may now start your infusion as described in section V.

VIII. HOW TO CHANGE THE RATE DURING A PROGRAM

- A. Stop infusion (see section VI).
- B. Press next until Continuous Rate screen appears.
- C. Press  or  to select desired value, then press enter.
- D. Start infusion (see section V).

XI. BATTERY MANAGEMENT

A. 9 Volt Battery

1. Actual battery life will vary depending on the brand of battery, battery shelf life, temperature conditions, delivery rates, and frequency of screen display, backlighting and printing.
2. The expected life of a 9 volt battery is 12 hours at 100 ml/hour, or approximately 5 days at 10 ml/day. This estimate is based on laboratory tests conducted at room temperature using a fresh battery.
3. It is recommended that a fresh 9 volt battery be kept available for replacement if necessary.

B. Power Pack or AC Adapter

1. The AC adapter may be used to power the CADD Prizm Pump as an alternative to a 9-volt battery. When using the power pack or AC adapter, the pump **must** also contain a functional 9 volt battery as a backup. Otherwise, the pump will not start.
2. To attach the Power Pack or AC adapter, open the cover for the Power jack, line up the red mark on the Power Pack or AC adapter connector with the red mark on the Pump. Push in until it clicks. Plug into a 3-pronged wall outlet.
3. To detach the Power Pack or AC adapter, pull the connector back using a straight, steady motion. DO NOT twist or turn the connector.
4. See CADD, External Power Source (EPS) System manual for further instructions.

C. Recharging the Power Pack or AC Adapter

1. The Power Pack or AC Adapter must be **refreshed** every 30 days while in use.
2. Plug the AC Adapter into an AC wall outlet.
3. Press the Battery Refresh Cycle button on the face of the Power Pack and place the Power Pack on a table. The amber light will flash while the battery is discharging.
4. When the power pack is discharged the amber light stops flashing.
5. Allow the power pack to then recharge until the ready (green) indicator light comes on.