

IV Infusion: CADD Prizm Pump

Please refer to your “Patient Guide to Infusion Therapy” booklet for additional information.

This information is not intended to be a substitute for professional advice. Always do what your doctor, nurse or pharmacist recommends.

These instructions are meant to provide you with the basic steps to administer your medication. Please refer to your CADD Pump manual for more detailed instructions.

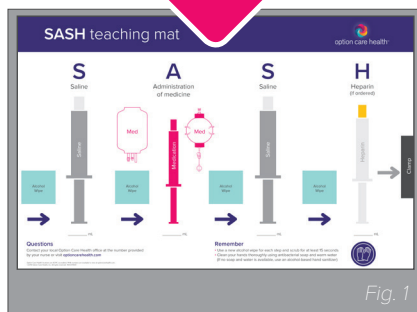


Fig. 1

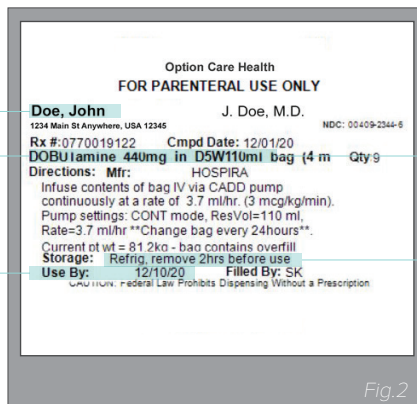


Fig. 2

For demonstration purposes, follow the instructions on YOUR medication bag.

Getting started

- Remove medication from refrigerator at least ____ (minutes/hours) prior to use. Consult medication label for instructions regarding when to remove medication from refrigerator.
- **NEVER** speed the warming process by heating or microwaving the medication
- Use a clean work area
- Clean your hands thoroughly using antibacterial soap and warm water (if no soap and water is available, use an alcohol-based hand sanitizer)
- Dry your hands with a clean towel

1 | Gather your supplies and prepare your SASH mat as instructed:

- SASH mat (See Fig. 1)
- CADD pump
- IV tubing
- Medication bag
- Flush syringes
 - _____ mL saline
 - _____ mL of heparin _____ units/mL heparin
- Alcohol wipes
- Sharps container (if needed) and/or trash container

2 | Inspect medication bag

Inspect the medication bag. Check the label on the bag (See Fig. 2) and verify:

- Correct name of patient
- Correct name of medication
- Volume/amount of medication
- Time required to warm medication to room temperature
- Use by date of medication

Medication bag should be free of leaks, floating particles or discoloration. Call your nurse or pharmacist if there are problems with the medication bag or anything on the label is incorrect.



3 | Change the battery as directed:

- A. Locate the battery door on the right side of the pump. Press the white button and slide the door toward you. (See Fig. 3)
- B. Remove used battery and discard as instructed.
- C. Insert the battery, silver prong first. If the battery is inserted correctly, the pump will beep.
- D. Slide the battery door back on.
- E. Let the pump power up; you will hear 6 beeps.



4 | Prepare your flush syringes

- A. Prior to using syringe, push firmly on the thumb press with the tip cap still on, just until you feel the plunger move.
- B. Expel air and excess solution by twisting off tip cap and pushing plunger forward. Push out extra solution to the amount instructed by your nurse. (See Fig. 4)
- C. Replace the syringe cap, being careful not to touch the tip of the syringe with your hand. If you touch it, you will need to start over with a clean syringe. Set aside syringe until you are ready to use it.
- D. Repeat for all flush syringes needed for dose.



5 | Prepare your IV medication

- A. Remove IV tubing from its package.
- B. Remove the blue clip from the bottom of the cassette. (See Fig. 5)
- C. Place the medication bag on a clean flat surface.
- D. Remove the tab from the medication bag. (See Fig. 6)
- E. Remove the cover from the spike of the tubing. (See Fig. 7)
DO NOT touch the end.
- F. Spike the bag by pushing and twisting the end of the tubing into the bag port. (See Fig. 8) Make sure the spike reaches the medication in the bag and be careful not to puncture the bag. (See Fig. 9)

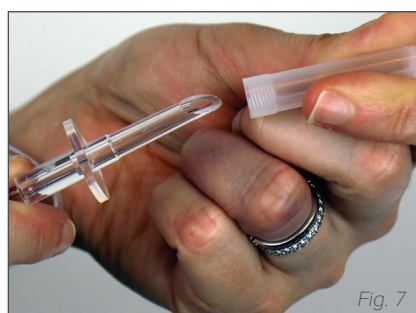
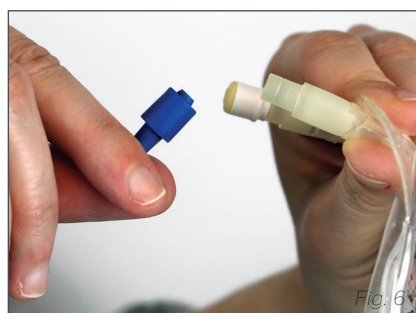




Fig. 10



Fig. 11

6 | Connect the tubing to the pump

- A. Remove the used tubing/cassette by unlocking the pump using the key provided (or a coin) and dispose of in trash container as instructed by your nurse. (See Fig. 10)
- B. Insert the new cassette hooks into the pump's hinge pins. (See Fig. 11)
- C. Place pump with cassette on firm surface and push down on top of the pump.
- D. Use the key provided (or a coin) to lock the new cassette to the pump. (See Fig. 10)

You will know the cassette is locked in the pump when you hear a beep.

7 | Prime your IV tubing

When priming the tubing, it should NEVER be connected to the patient. Priming with the set connected to the patient could result in overdose and may cause injury or even death to the patient.

- A. Press the **(NEXT)** key.
 - When the screen reads **'Reset reservoir volume,'** press the **Y** key.

Before leaving the pharmacy, the pump was programmed by your pharmacist per your healthcare provider's orders and was verified by another clinician, if applicable. The pump is in lock mode. You will be unable to change the program.

- B. **'Prime tubing'** will appear on the screen, press the **Y** key.
 - **'Disconnect tubing from patient and open clamps'** will display. Press and hold the **Y** key until fluid drips from the end of the tubing.
(You may need to repeat this step 3-4 times before the fluid gets to the end of the tubing.)
- C. When priming is complete and prompted to **'Continue priming?'** press the **N** key.



Fig. 12

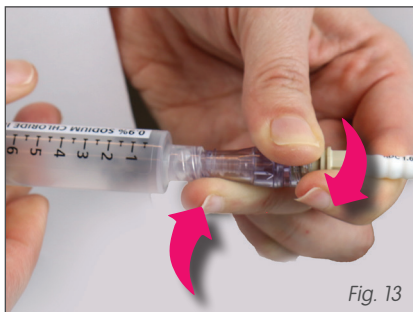


Fig. 13

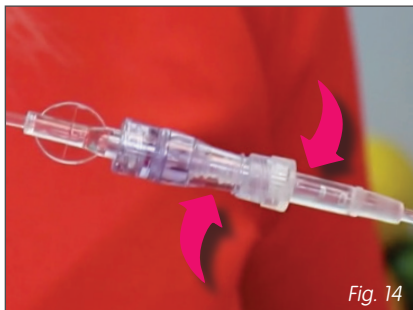


Fig. 14

8 | Flush your IV line with saline

Using one of your prepared saline syringes from step #4.

- A. Scrub the needleless connector on your IV catheter with an alcohol wipe for at least **15 SECONDS** and allow to air dry. (See Fig. 12)
- B. Remove the protective cap from the saline flush syringe. **DO NOT** touch the syringe tip after removing the cap.

Discard the saline flush syringe if the uncapped sterile tip touches any unclean surface.

- C. Attach the saline flush syringe to the needleless connector on your IV catheter using a push and clockwise twisting motion until secured together. (See Fig. 13)
- D. Open the clamp on your IV catheter and/or IV extension set, if indicated.
- E. Flush your IV catheter using a “push/pause” method. **DO NOT** attempt to flush if resistance is met; call your nurse or pharmacist.
 - _____ mL saline
- F. Remove and discard the saline flush syringe in a trash container.

9 | Administer your Medication

- A. ‘Do you want to start the pump?’ will appear on the screen, press the **N** key.
- B. Compare the pump program to the label on your medication bag by pressing the **(NEXT)** key through each pump program.
- C. Scrub the needleless connector on your IV catheter with an alcohol wipe for at least **15 SECONDS** and allow to air dry. (See Fig. 12)
- D. Remove the protective cap from the IV tubing.
- E. Attach the IV tubing firmly to the needleless connector on your IV catheter using a push and clockwise twisting motion until secured together. (See Fig. 14)
- F. Open all clamps on the IV tubing and your IV catheter.
- G. Press the **(Start/Stop)** key.
- H. Press the **Y** key when prompted to begin the infusion. You will know the pump is running when the green light is blinking.

10 | Pausing an Infusion

- A. The infusion can be paused by pressing the **(Start/Stop)** key.
- B. To resume your infusion where you left off, press the **(Start/Stop)** key. Your pump will alarm if you do not restart it within a few minutes. The alarm is a reminder to start the pump.



11 | When it is time to change the bag or you have been instructed to stop your infusion:

Always infuse your medication as instructed.

- A. If your infusion is now complete **OR** you are taking a “disconnect break” between doses, stop the pump by pressing the **(Start/Stop)** key.
- B. The menu will ask, ‘**Do you want to stop the pump?**’ Press the **Y** key.
- C. Disconnect the IV tubing and discard all equipment as directed in a trash container.

If the tubing is to be used again within 24 hours, cover the exposed IV tubing tip with a sterile cap provided.

12 | Flush your IV line with saline, if instructed (if your infusion is complete or you are taking a “disconnect break” between doses)

- A. Scrub the needleless connector on your IV catheter with an alcohol wipe for at least **15 SECONDS** and allow to air dry. (See Fig. 12)
- B. Remove the protective cap from the saline flush syringe. **DO NOT** touch the syringe tip after removing the cap.

Discard the saline flush syringe if the uncapped sterile tip touches any unclean surface.

- C. Attach the saline flush syringe to the needleless connector on your IV catheter using a push and clockwise twisting motion until secured together. (See Fig. 13)
- D. Flush your IV catheter using a “**push/pause**” method. **DO NOT** attempt to flush if resistance is met; call your nurse or pharmacist.
 - _____ mL saline
- E. Close the clamp on your IV catheter and/or IV extension set unless you have been instructed to use heparin.
- F. Remove and discard the saline flush syringe in a trash container.

13 | If hooking up a new bag at this point, return to step #5 (omitting step #8)

14 | Flush your IV line with heparin, if instructed (if your infusion is complete or you are taking a “disconnect break” between doses)

- A. Scrub the needleless connector on your IV catheter with an alcohol wipe for at least **15 SECONDS** and allow to air dry. (See Fig. 12)
- B. Remove the protective cap from the heparin flush syringe. **DO NOT** touch the syringe tip after removing the cap.

Discard the heparin flush syringe if the uncapped sterile tip touches any unclean surface.

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CADD Pump alarms and troubleshooting

These are the common pump alarms you may experience. To silence the alarm, press the **(Start/Stop)** key. This will silence the alarm for two minutes. If left unattended, the pump will sound an alarm again after the two minutes. Call your Option Care Health pharmacy for assistance as needed at any time.



- C. Attach the heparin flush syringe to the needleless connector on your IV catheter using a push and clockwise twisting motion until secured together. (See Fig. 13)
- D. Open the clamp on your IV catheter and/or IV extension set, if indicated.
- E. Flush your IV catheter using a “push/pause” method. **DO NOT** attempt to flush if resistance is met; call your nurse or pharmacist.
 - _____ mL of heparin _____ units/mL heparin
- F. Close the clamp on your IV catheter and/or IV extension set, if indicated.
- G. Remove and discard the heparin flush syringe in a trash container.

Message	Action
9 volt battery depleted/ install good battery	Replace battery. The pump will not start with a depleted battery.
9 volt battery low	The battery is low but the pump is operable. Change the battery soon.
Air in line detected	Air has been detected in the tubing; the tubing may contain air bubbles, or the tubing may not be threaded through the air detector. Press the (NEXT) key to silence the alarm, then: <ul style="list-style-type: none"> • Make sure the tubing is threaded properly. • If the tubing contains air bubbles, close the clamp on the IV tubing and disconnect the tubing from your IV. Remove the tubing from the pump and “flick” the tubing with your finger to break up the bubbles.
Cassette not attached/ pump will not run	The pump will not start without a cassette attached. Attach the cassette and start the pump as directed.
Error detected/E (code)	A pump fault has occurred. Close the tubing clamp and turn off the pump. Call your Option Care Health pharmacy.
High pressure	The pump has detected high pressure which may be caused by a downstream blockage, kink in the tubing or a closed clamp on the tubing or IV. <ul style="list-style-type: none"> • Press the (Start/Stop) key to stop the pump and silence the alarm. Remove the obstruction and restart the pump by pressing the (Start/Stop) key.
Reservoir volume is zero	The reservoir volume has reached 0.0 mL which means that the medication has completely infused. Prepare to start a new medication bag as instructed.
Reservoir volume is low	The reservoir volume is low meaning it is almost time to change your medication bag. Prepare to install a new medication bag as instructed.

Call your nurse or doctor with any questions or concerns



Your Option Care Health team is available on call 24/7/365 to assist you.

To view video instructions and access additional educational resources, visit optioncarehealth.com/education.

(SASH) Procedure Summary:

- Flush IV with _____ mL **(S)**aline
- **(A)**dminister medication continuously as instructed
- With any interruption in the infusion or when the infusion is complete:
 - Flush with _____ mL **(S)**aline
 - Flush with _____ mL **(H)**eparin, if ordered