Intermountain Health

CADD Infusion Pump for Pain Medicine: Home instructions

Your doctor has prescribed a pain medicine that you will give yourself at home using a CADD infusion [in-fyoo-zhun] pump. You may also have a bolus [bowl-uhs] cord to give extra doses. Follow the steps in this fact sheet and your nurse's instructions carefully. If your medicine is running low, ask your nurse about starting a new bag.

1 | Prepare yourself

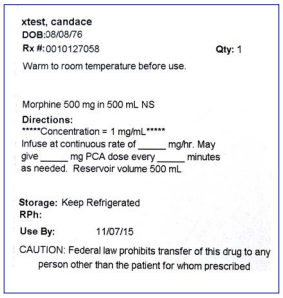
Clean your hands

- Clean your hands with cleansing solution each time you work with your IV to prevent infection.
- Rub your hands vigorously until they are dry.



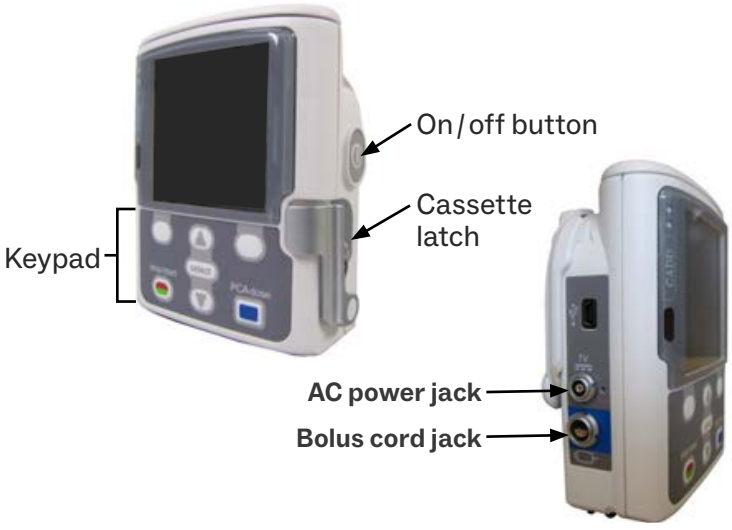
Check medicine label

- Make sure each label has your name and that it is not expired.
- Call your nurse or pharmacist and **do not use the medicine** if anything on the label is incorrect.



Lay out supplies on a clean surface

- CADD infusion pump
- Bolus cord (if needed)
- IV tubing
- Medicine bag (warm to room temperature)
- Sharps container (if needed)
- Alcohol disinfectant caps
- Sterile wipes
- Flush syringes (not for SubQ injections): 2 saline syringes and 1 heparin syringe (if needed)



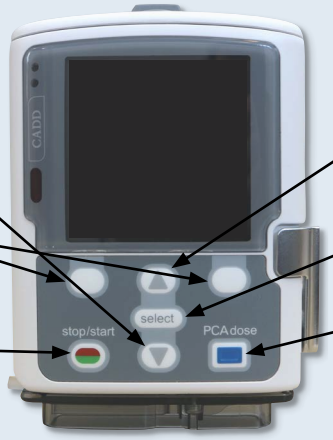


You should receive supplies similar to these.

About your CADD infusion pump

Using the key pad

Keypad buttons on your pump and how they are used:



3 Scroll down on a menu or amounts

2 Keys to answer questions on the display

1 Starts and stops the pump

4 Scroll up on a menu or amounts

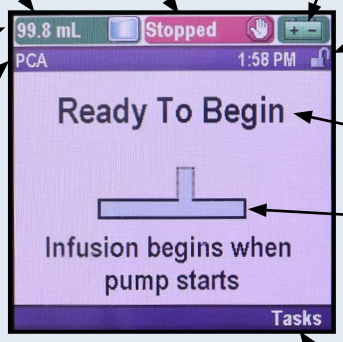
5 Selects a menu item

6 PCA button. (You will not need to use the PCA dose button for your therapy.)

Testing your pump

What you will see on the screen after the pump runs its self-tests:





3 Current reservoir volume (your set amount of medicine)

4 Pump status (stopped or running)

5 Battery type in use, battery life, and AC adapter indicator

2 Pump status bar for messages and alerts

1 Your therapy information

6 Current pump time and icon: key pad locked or unlocked

7 Current status of the infusion

8 Colored graphic of the infusion

- green: pump running
- red: pump stopped
- gray: pump has not started

9 Options for using the pump (press the soft key below the text)

2 | Start the pump

Press and hold the on/off button on the side of the pump to turn it on.

Your nurse will prime the tubing and reset the reservoir volume when they change the medicine bag. If your medicine is running low, contact your nurse about starting a new bag.



On/off button

3 | Extra doses of medicine

Your healthcare provider may program your pump so that you can give yourself extra doses of medicine. Your nurse may call these "bolus" or **"PCA"** (short for **patient-controlled analgesia**) doses. **Only you are to give yourself an extra dose of medicine. Extra dosing by anyone other than you could cause you to have an overdose, leading to serious harm, or death.**

Your healthcare provider will explain when and how to give these doses.

If you are using a PCA bolus cord (plugged into the side of the pump):

- **Line up** the plug correctly.
- **Press the start button** on the bolus cord. The light on the bolus cord shows the status of the dose.
  - **Light off:** A dose is not available
  - **Light flashing:** A dose is available
  - **Light on:** A dose has been requested and has started
- **Don't allow the bolus cord button to get pressed accidentally.**

If you are using the PCA button on the pump: Press the PCA button on the pump. Five fast beeps will sound if the dose is allowed, and the screen will indicate "PCA dose started." If the dose is not allowed, the screen will tell you.

If you need to stop the pump:

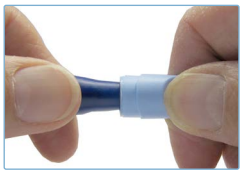
1. **Press the start/stop key.**
2. **Select "yes"** if "**Stop PCA dose?**" appears on the screen.
3. **Press the on/off button** on the side to power off the pump.
4. **Select "yes"** when the **"power down?"** message appears. The pump will turn off.
5. **Clean your hands.**
6. **Disconnect your IV** if your nurse has instructed you to do this yourself.

4 | Flush your IV line
(not for SubQ injections)

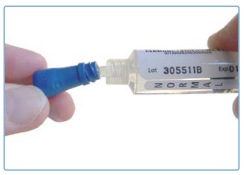
Not all lines need to be flushed. Your nurse will teach you the steps if you need to flush your line.

How to flush your IV line

1 **Remove** the alcohol disinfectant cap and discard.*



2 **Attach** the syringe firmly to the IV needleless connector using a push and twist motion.



3 **Open** the clamp.



4 **Inject** the solution.



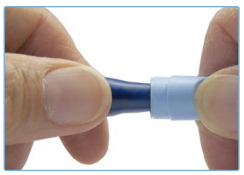
5 **Close** the clamp.



6 **Remove** and discard the syringe.



7 After the final flush, **attach** a new alcohol disinfectant cap.



*If the needleless connector touches anything **CLEAN IT** with a sterile wipe for 15 seconds. Before connecting anything to the needleless connector, look for particles. If seen, wipe them away with an alcohol wipe.

Alarms

Your pump has an alarm function in case any problem occurs during or at the end of your infusion. You have the option to either "**Acknowledge**" the alarm (for example, if the infusion is done) or "**Silence**" the alarm (for example, if there is a problem that needs to be addressed before the infusion is complete).

- **"Acknowledge"** clears the alarm from the screen.
- **"Silence"** shows the alarm screen but silences the alarm for 2 minutes. This continues until the alarm is acknowledged or resolved.
- If help screens are available for the alarm, select "**Help"** and follow the instructions.
- Call your healthcare provider if alarms continue.

Need help or have questions?

Nurse:_____

Phone number:_____

Intermountain Homecare & Hospice:

385-887-6000 or **800-527-1118**

Scan the code or visit the link below to watch a video.

https://app.shoreline.health/s/mVLX64VQ2b3R

Your pump's batteries

Your pump comes with a rechargeable battery pack that you will use most of the time. Recharge the pump when it is not in use. When the display reads "Battery Low," "Battery Depleted," or "Rechargeable battery reached end of use," plug the pump into the AC adapter. It's important not to let the battery run down too low. You may use the pump while it is recharging.

If you are away from a power source, you may use AA batteries (but not rechargeable or heavy duty batteries). To change batteries:

1 **Turn off** the pump.

2 Using your fingers or a coin, **rotate** the knob on the battery door on top of the pump.



3 **Remove** the battery pack.

4 **Insert** 4 AA batteries.



5 **Change** all 4 batteries at the same time. Do not mix old and new batteries.



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