

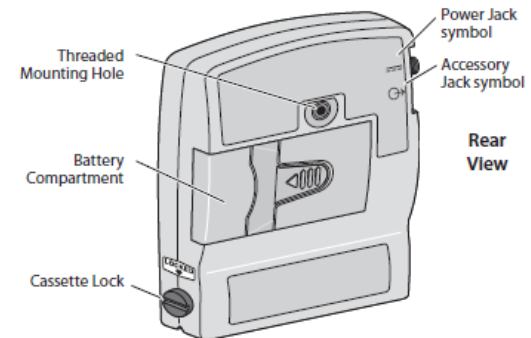
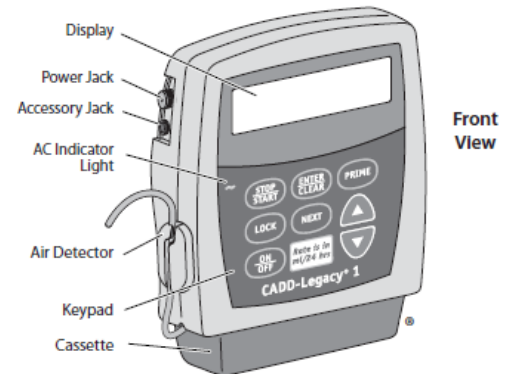
Comments, Feedback?

Contact Patient and Professional Education
519-685-8742

Email: lrcpeducation@lhsc.on.ca

Adapted from
SIMS DELTEC INC.
Patient Information Manual

Patient Information CADD-Legacy™ 1 Pump



London Health Sciences Centre
London Regional Cancer Program

790 Commissioners Road East
London, Ontario N6A 4L6
519-685-8600

www.lhsc.on.ca/About_Us/LRCP/

Healthcare Professional Instructions:

If there are any problems with the patient's CADD-Legacy™ 1 Pump, follow these steps to disconnect the pump:

1. STOP THE PUMP.
 - Press and hold the STOP/START key.
 - When three sets of dashes appear release the key.
2. CLOSE THE CLAMPS on the central line or Intravenous access and pump tubing.
3. Turn the pump off.
 - Press and hold the ON/OFF key.
 - Three sets of dots will appear one-by-one on the pump's display, each accompanied by a single beep.
4. DISCONNECT the pump tubing at the central line connection or intravenous access.
5. CAP the end of pump tubing to prevent any chemo exposure.
6. Flush peripheral IV with 10 mLs NS and remove cannula and place in a sharps container.

 Flush central line with 20 mLs 0.9% NaCl and place it on the positive pressure/neutral valve displacement connector at the end of the central line.
7. Remove batteries from the pump.
8. Insert a coin into the slot in the lock and turn it clockwise. The lock will pop out when you unlock the cassette.
AND
 Remove the cassette from the pump hinge pins.
9. Place chemo bag and tubing in Cytotoxic Ziploc Bag provided in Home Spill Kit and patient to return contents to LRCP.
10. Request the patient to call LRCP **during next operational hours** if pump was discontinued due to mechanical error or symptom presentation.



During after hours, holidays, or weekends:

Call LRCP by dialing 519-685-8600 and press '0' to have the operator page the on-call Oncologist (this is for healthcare professionals only).

5. RES VOL LOW appears on the screen. Three beeps sound at the decrease of each mL from 5.0 to 0.0.	The drug in the MEDICATION BAG is almost gone.	<ul style="list-style-type: none"> Go immediately to LRCP chemotherapy unit have your medication bag changed.
6. RESERVOIR VOLUME EMPTY appears on the screen. A constant two-tone alarm sounds.	The medication is finished.	<ul style="list-style-type: none"> Press the STOP/START key to stop the pump and silence the alarm. Go immediately to LRCP chemotherapy unit have your medication bag changed.
7. ERROR appears on the screen. A constant two-tone alarm sounds.	The pump needs to be fixed.	<ul style="list-style-type: none"> Press the STOP/START key to stop the pump and silence the alarm. Close the tubing with the clamp. Remove the batteries. Call LRCP (refer to page 2).
8. AIR IN LINE appears on the screen. A constant two-tone alarm sounds.	The pump detected air bubbles or the tubing is not properly threaded through the AIR DETECTOR channel.	<ul style="list-style-type: none"> Press the STOP/START key to stop the pump and silence the alarm. Make sure tubing is properly threaded through the AIR DETECTOR channel. If it continues, close clamps, remove the batteries and call LRCP (refer to page 2).
9. If there is a blank screen, a constant two-tone alarm sounds.	Pump was running when batteries were removed or the batteries were removed 15 seconds after stopping pump.	<ul style="list-style-type: none"> Batteries must be reinstalled. IMPORTANT: ALWAYS STOP THE PUMP BEFORE REMOVING THE BATTERIES.

How do I fix the CADD-Legacy™ 1 Pump

On the screen, it says:	Why is this happening?	What do I do?
1. STOPPED flashes on the screen. 3 beeps sound every 5 minutes.	The pump has stopped.	<ul style="list-style-type: none"> Start the pump. Press the STOP/START key to start the pump.
2. LOW BAT flashes on the screen. Three two-tone beeps sound every 5 minutes.	The battery power is low, but the pump is still working.	<ul style="list-style-type: none"> Change the batteries soon.
3. BATTERY DEPLETED remains on the screen. A constant two-tone alarm sounds.	The battery power is too low to make the pump work.	<ul style="list-style-type: none"> The pump is now STOPPED. Change the batteries immediately. Press and hold the STOP/START key to start the pump.
4. HIGH PRESSURE appears on the screen. A constant two-tone alarm sounds.	The I.V. tubing may be kinked or twisted. The clamp may be closed.	<ul style="list-style-type: none"> Look for a kink, twist or closed clamp on the tubing. Fix the problem and the alarm will stop. (refer to page 6). If you cannot find or fix the problem, press the STOP/START key to stop the pump and silence the alarm. Then, call LRCP (refer to page 2).

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Patient Information:

What is a CADD Legacy™ 1 Pump?

- The CADD-Legacy™1 Pump is a pump that controls the way your medication is given. The instructions are locked into the pump. You can not accidentally change these instructions.
- Your nurse will give you special instructions about taking a bath or shower.
- Never use scissors near the tubing or dressing.

Who do I call when I have a problem?

**During regular operational hours
(Monday-Friday, 8:30 a.m. - 4:00 p.m.):**

- Call LRCP by dialing 519-685-8600 and press option '3' to speak with the Telephone Triage Nurse.

During after hours, holidays, or weekends:

- Call your Home Care Nurse or go to your nearest Emergency Department.
- Bring this CADD-Legacy™1 Pump manual with you. It is important to provide the healthcare professional with this information in order to help you.

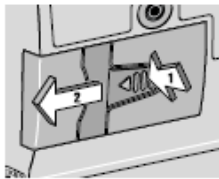
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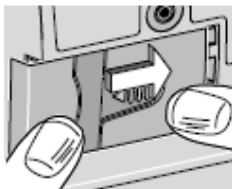
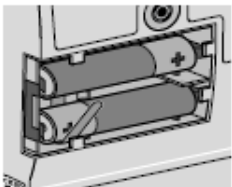
Battery Information

- Use two long-lasting AA alkaline batteries such as Duracell, Eveready or Energizer.
- The batteries will need to be changed every 4-5 days.
- Keep spare batteries with you at all times.
- Do not use rechargeable batteries.

How do I change the battery?



1. Push down and hold the arrow button on the battery door while sliding the door off.
2. Remove the used batteries. (Pull on the end of the battery strap to make the battery removal easier.)
3. Match the + and — markings on the new batteries with the markings inside the battery compartment. Insert the batteries over the top of the battery strap. The pump will beep when the batteries are inserted correctly.
4. Replace the battery door. The pump will power up automatically.



Monitoring the pump is important

If you have a **central line**, check the site daily and report any problems to LRCP (refer to page 2).

If you have an **intravenous access (IV)**, you need to check your needle site, tubing, and pump at least 4 times a day. This is easy to remember if you do this at breakfast, lunch, supper, and bedtime.

1. Needle site

- The needle in your arm is made of flexible plastic. It is covered with a clear plastic bandage.
- There should be **no** pain, redness, or swelling at the needle site.
- The dressing should be dry and not loose.

What do I do if I notice redness or swelling or have any pain at my needle site?

- Call LRCP (refer to page 2).

2. Tubing

- There should be no kinks or large air bubbles in the tubing.
- There should be no leaking around connection site. There may be small air bubbles in the tubing. This is normal.

What do I do if the tubing is kinked?

- Straighten the tubing to take the kink out and tape the tubing.
- If you can't fix the kink, call LRCP (refer to page 2).

What do I do if I notice large air bubbles in the tubing?

- Stop the pump and close the clamp on your tubing.
- Call LRCP (refer to page 2).

What do I do if the tubing leaks?

- Check the connection site and turn it clockwise to tighten it.
- If there is any medication on your skin, wash it off with soap and water.
- Be careful to keep your dressing dry.
- If you are unable to fix the leak, stop the pump and close the clamp on your tubing.
- Call LRCP (refer to page 2).

3. CADD-Legacy™ 1 Pump

- The words “**RUN**” and “**ResVol**” are on the left side of the screen when the pump is on.

What do I do if the word “RUN” is not on the screen?

- Check to make sure the batteries are in properly and the pump is on.
- The **ResVol** number that shows on the screen will go down each day.

What do I do if the ResVol number does not go down?

- Check to make sure the batteries are in properly and the word “**RUN**” is displayed on the screen.
 - If you are still having problems, call LRCP (refer to page 2).
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How do I stop the pump?

This means that the delivery of medication will stop.

1. Press and hold the **STOP/START** key. Three dashes will appear one-by-one on the pump’s screen
2. When you see the third dash take your finger off the **STOP/START** key.
3. “**STOPPED**” will appear on the main screen. The pump is now off.

How do I start the pump?

This means that the delivery of medication will start.

1. Press and hold the **STOP/START** key. You will see three dashes on the screen.
 2. Hold your finger down until they are gone and then release.
 3. The pump will automatically go through it’s program and then the words “**RUN**” and “**ResVol**” (the remaining volume) will appear on the left side of the main screen. The pump is now on.
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