

# Your **CADD-SOLIS** Pump for Chemotherapy: A Guide for Patients



Treatment — Systemic

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Your doctor has prescribed chemotherapy which will be given to you by an infusion pump you will wear at home. The CADD-Solis pump gives medication into a vein at a slow, controlled rate.

Your pump has been chosen specifically for your treatment.

## Before Leaving the Hospital

### What should I check before leaving the hospital or cancer centre?

It's important that you have all of the supplies and information you need.

Review the medication schedule and side effects with your nurse. Check that you have:

- a copy of the **Chemotherapy and Targeted Therapy** book
- the contact information you need, in case you need to call (see [page 10](#))
- a home thermometer (a digital thermometer is recommended)
- an emergency **CVAD** (Central Venous Access Device) **Kit** and know how to use it
- an emergency **Chemotherapy Spill Kit**
- extra masks to wear

# At Home

## Check your temperature regularly at home

You must check your temperature **every 4 hours**, even throughout the night. If your temperature is:

38.3°C or higher	between 38°C and 38.2°C
<ul style="list-style-type: none"> <li>call the contact numbers on <a href="#">page 10</a> right away.</li> <li>prepare to come to the hospital or cancer centre.</li> <li><b>do not</b> take acetaminophen (like Tylenol®), ibuprofen (like Advil®, Motrin® or Aleve®) or Aspirin®/ASA unless your doctor tells you it's okay.</li> </ul>	<ul style="list-style-type: none"> <li>call the contact numbers on <a href="#">page 10</a> for instructions.</li> <li>if you are told you do not have to come in right away, check your temperature again in <b>1 hour</b>. If it is still 38°C or higher, call the contact numbers on <a href="#">page 10</a> and prepare to come to the hospital or cancer centre.</li> <li>do not take acetaminophen (Tylenol®) or ibuprofen (Advil®, Motrin® or Aleve®) or Aspirin®/ASA unless your doctor tells you you can.</li> </ul>

## How do I manage side effects from the medication?

Follow the instructions you were given. For general side effects information, look at your **Systemic Treatment: Chemotherapy and Targeted Therapy** book.

For more side effect management visit [www.cancercarealberta.ca](http://www.cancercarealberta.ca)

> Information for Patients and Families > In Treatment > Managing Side Effects



## Caring for Your Central Venous Access Device (CVAD)

### Daily Routine

Regular cleaning and safety checks will help to keep you healthy and safe.

- Always have a plastic clamp and CVAD emergency kit close by.
- Clean the outside of the CVAD everyday with an alcohol swab.
- If you don't have a dressing over your exit site, remember to clean the skin around your exit site everyday with a chlorhexidine stick.
- If a cap falls off the line, make sure the CVAD clamp is clamped and then put on a new cap. Call the contact numbers on [page 10](#) right away.

#### CVAD Emergency Kit

- 4x4 gauze - to cover a hole or tear in the CVAD line
- Large occlusive dressing (like Tegaderm®) to cover the exit site if the CVAD line comes out, or to tape a gauze to cover the CVAD line
- plastic clamp - to clamp the CVAD line if it has a hole or tear
- cap - to replace a lost cap
- alcohol swabs - to clean the CVAD line or site
- chlorhexidine sticks to clean around the CVAD exit site

## If your CVAD has a hole or cut

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1. Put the plastic clamp over the line, on your CVAD as close to the skin as possible, **right away**.
2. Place a gauze over the damaged area and cover with a plastic Tegaderm® dressing.
3. Call the contact numbers on [page 10](#) and let them know what has happened.



If you are short of breath, light-headed or have chest pain, call 911 right away.

## If your CVAD comes out

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1. Place a gauze over the site right away and put pressure on it for at least 5 minutes to stop the bleeding.
2. Cover the gauze with an occlusive Tegaderm® dressing.
3. Call the contact numbers on [page 10](#) and let them know what has happened.



If you are short of breath, light-headed or have chest pain, call 911 right away.

## What if my IV site starts leaking, swelling, or hurting?

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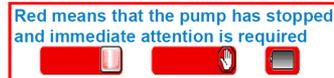
- Take the battery out of the pump to stop the pump
- Clamp the IV tubing
- Call the numbers on [page 10](#) right away.

## Caring for Your CADD Pump



### How do I make sure the pump is working properly?

- A green light blinks every 3 seconds when the pump is working (running) and delivering medication.
- The status bar on top of the screen is green and shows the word “Running.”
- If green and amber lights are flashing the pump is running but needs your attention soon (for example, the battery may be low and need to be changed soon).
- If the screen display is blank, it may be because the pump is conserving battery power. Press any white key to turn on the display.
- See the **Troubleshooting Alarms** section for more information.
- Keep the pump in a carrying pouch or a pocket where it will not fall out.



### What will happen if I accidentally touch the keyboard of the pump?

- Do not worry. The pump is locked and has been set so you cannot change the amount of chemotherapy you receive.



### What should I do with the pump when I shower or if I drop the pump in water?

- Place the pump outside the bathtub or shower. It is water-resistant, but it is not waterproof.

- If you accidentally drop the pump in water, pick it up quickly, and dry it off with a towel. Check to see if it is still running. Call the contact numbers on [page 10](#) if it is not.



## How do I sleep with the pump?

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Keep the pump at waist level. Place the pump and carry bag next to you on the bed, bedside table, or hang it on the headboard. **Do not put the pump on the floor.**



## What if the pump leaks or breaks?

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You will get a chemotherapy **Spill Kit** with instructions in case your pump leaks or breaks. Your nurse will go through these instructions with you. Be sure to carry your Spill Kit with you at all times, separately from the chemotherapy pump.

- Wash your hands and put on the gloves provided.
- Check the connections — tighten if needed.



## What if the chemotherapy comes in contact with my skin, clothes or other surfaces?

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Follow the instructions in the  **Safety at Home** (Section H) of your **Systemic Treatment: Chemotherapy and Targeted Therapy** book.



## What if the pump alarm is beeping?

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Read the screen display to find out what the error is. Check the **Troubleshooting Alarms** section and follow the directions that match what is displayed on the pump screen. If you are unable to fix the problem, call the contact numbers on [page 10](#).

**Do not disconnect any lines from the pump at any time.** We suggest you wear loose clothing so it is easier to ‘thread’ the pump and tubing through your sleeve.

## Troubleshooting Alarms

Screen Display	What to Do
<p><b>Battery Low</b> (3 beeps every 5 minutes) Batteries are low but pump still working. OR <b>Battery Depleted</b> (continuous, variable tone alarm) Battery power is too low to operate the pump.</p>	<ol style="list-style-type: none"> <li>1. Press <b>Stop/Start</b> → <b>Stop Pump?</b> → choose <b>Yes</b></li> <li>2. Open the battery compartment at the top of the pump and replace the 4 AA batteries.</li> <li>3. Press the power switch to turn the pump back on.</li> <li>4. Press <b>Stop/Start</b> → <b>Start Pump?</b> → choose <b>Yes</b></li> </ol>
<p><b>Screen is blank and alarm is sounding</b> Batteries were taken out or the battery door was opened</p>	<ol style="list-style-type: none"> <li>1. Make sure the batteries are in place and the battery compartment is closed.</li> <li>2. Press the power switch to turn the pump back on.</li> <li>3. Screen displays <b>Loss of power</b> → choose <b>Acknowledge</b></li> <li>4. Press <b>Stop/Start</b> → <b>Start Pump?</b> → choose <b>Yes</b></li> </ol>

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<p><b>Press Start to Infuse</b></p>	<ol style="list-style-type: none"><li>1. Press Silence</li><li>2. Press <b>Stop/Start</b> → <b>Stop Pump?</b> → choose <b>Yes</b></li></ol>
<p><b>Downstream Occlusion (2 toned alarm)</b></p> <p>Blockage between the pump and you (your IV site)</p>	<ol style="list-style-type: none"><li>1. Press Silence</li><li>2. Check the line: make sure the CVAD isn't clamped and the tubing isn't kinked.</li></ol> <p>If the blockage is gone, the alarm will stop and the program will continue.</p> <p><b>If the alarm doesn't stop:</b></p> <ol style="list-style-type: none"><li>3. Choose <b>Help</b></li><li>4. Continue through the help screens by choosing <b>Next</b></li></ol> <p><b>Note: Do not remove any caps if prompted. If the blockage is gone, the alarm will stop and the program will continue.</b></p> <ol style="list-style-type: none"><li>5. If the problem continues, stop the pump and call the contact numbers on <a href="#">page 10</a>.</li></ol>
<p><b>System Fault Alarm</b></p> <p>Possible software or hardware fault</p>	<ol style="list-style-type: none"><li>1. Open the battery compartment</li><li>2. Close the battery compartment</li><li>3. Press the power switch to turn the pump back on.</li><li>4. If the problem continues record the error code and call the contact numbers on <a href="#">page 10</a>.</li></ol>

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<p><b>Upstream Occlusion</b> (2 toned alarm)</p>	<ol style="list-style-type: none"> <li>1. Press <b>Silence</b></li> <li>2. Check the line: make sure the CVAD isn't clamped and the tubing isn't kinked.</li> <li>3. Make sure the spike is fully inserted into the medication bag.</li> <li>4. Re-position the bag in the pouch.</li> </ol>
<p>Blockage between the IV bag and pump</p>	<p>If the blockage is gone, the alarm will stop and the program will continue.</p>
<p><b>Can't Start Pump without a Latched Cassette</b></p>	<p><b>If the alarm doesn't stop:</b></p> <ol style="list-style-type: none"> <li>5. Choose <b>Help</b></li> <li>6. Continue through the help screens by choosing <b>Next</b></li> <li>7. If the problem continues, stop the pump and call the contact numbers on <a href="#">page 10</a>.</li> </ol>
<p>Cassette is not latched properly</p>	<p><b>Note:</b> You must acknowledge this alarm before you work through the <b>Help</b> screen if it happens more than 3 times in 15 minutes.</p>
<p>Can't Start Pump without a Latched Cassette</p>	<ol style="list-style-type: none"> <li>1. Press <b>Acknowledge</b> and follow the prompts</li> <li>2. If the problem continues call the contact numbers on <a href="#">page 10</a>.</li> </ol>

## Safety Points

 <p>Keep out of reach of pets and children.</p>	 <p>Carry your <b>Spill Kit</b> separately from the pump. It must be with you at <b>all</b> times.</p>
 <p>Check the pump 2-3 times daily to ensure it is working properly (it is displaying <b>Run</b> and the volume is decreasing)</p>	 <p>Check for leaks. If this happens, use your chemotherapy <b>Spill Kit</b> and follow the <b>Safety at Home</b> (Section H) instructions in your <b>Chemotherapy and Targeted Therapy</b> book.</p>
 <p>Keep the pump at waist level.</p>	 <p>Do not get the pump wet.</p>

 Keep the pump in its carry bag to protect the pump and medication.

## Contact Information

**Arthur J.E. Child Comprehensive Cancer Centre**  
587-231-3100 or toll free 1-844-465-6330



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