

Your CADD-SOLIS® Pump for Systemic Therapy: A Guide for Patients

Your CADD-SOLIS® Pump for Systemic Therapy:

A Guide for Patients



What You Will Find

Before Leaving Hospital

Page 1

At Home

Page 2

Caring for Your Central Venous Access Device (CVAD)

Page 2

Caring for Your CADD Pump

Page 3

Troubleshooting Alarms

Page 5

Safety Points

Page 7

Contact Information

Page 7

Your doctor has prescribed systemic therapy (treatment for cancer) which will be given to you by an infusion pump you will be connected to at home. This medication is given through a vein. Your pump has been chosen specifically for your treatment.

Before Leaving the Hospital

A member of your healthcare team will review the medication schedule and side effects with you. They will instruct you to purchase a home thermometer.

Before leaving the hospital, your healthcare provider will make sure you have:

- the contact information you need, in case you need to call (see page 7)
- an emergency CVAD (Central Venous Access Device) Kit and know how to use it
- a Chemotherapy Spill Kit if applicable to the treatment you are getting. (Your nurse will let you know if this is relevant to you.)
- a CADD pump charger
- 4 AA batteries in the event of a charger malfunction or power outage.

At Home

Check your temperature regularly at home

<ul style="list-style-type: none">• Call the contact numbers on page 7 right away.• Prepare to come to the hospital or cancer centre• Do not take acetaminophen (like Tylenol®), ibuprofen (like Advil®, Motrin® or Aleve®) or Aspirin®/ ASA unless your doctor tells you it's okay.	<ul style="list-style-type: none">• Call the contact numbers on page 7 for instructions.• If you are told you do not have to come in right away, check your temperature again in 1 hour. If it is still 38°C or higher, call the contact numbers on page 7 and prepare to come to the hospital or cancer centre.• Do not take acetaminophen. (Tylenol®) or ibuprofen (Advil®, Motrin® or Aleve®) or Aspirin®/ ASA unless your doctor tells you that you can.

How do I manage side effects from the medication?

Talk to your healthcare team for more information on side effects. Follow the instructions you were given on the drug specific patient handout.

Caring for Your Central Venous Access Device (CVAD)

Daily Routine

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

- Always have a plastic clamp and CVAD emergency kit close by.
- If a cap falls off the line, swab the CVAD lumen with an alcohol swab before putting on a new cap. Call the contact numbers on page 7 right away if this is the lumen you are receiving your treatment through.
- You will receive weekly CVAD line care from your nursing team.
- Taking a bath is recommended for personal care while you have a CVAD. Avoid getting your CVAD wet, and cover with a plastic bag if necessary to keep it dry.

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 if cap falls off.

If your CVAD has a hole or cut

1. Put the plastic clamp over the line, on your CVAD as close to the skin as possible, right away.
2. Place gauze over the damaged area and cover with a plastic Tegaderm® dressing.
3. Call the contact numbers on page 7 and let them know what has happened.

If your CVAD comes out

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 7 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?

- Call your healthcare team right away and they will give you directions. They may direct you to:
 - › stop the pump
 - › clamp the IV tubing
 - › turn off the pump

Caring for Your CADD Pump

How do I make sure the pump is working properly?

- Your healthcare team will provide you with a checklist that outlines how to check that your pump is working properly twice a day.
- 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 amber lights are flashing the pump is running but needs your attention soon (for example, the battery may be low and needs to be charged soon.)
- If you lose power and the pump requires AA battery insertion, please follow the Troubleshooting alarms on page 5.
- 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 its carrying bag in an upright position.

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 systemic therapy 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 7 if it is not.

How do I sleep with the pump?

- 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?

- You will get a Spill Kit (if applicable) 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 pump.
- Wash your hands and put on the gloves provided.
- Check the connections — tighten if needed. If leak does not resolve, call your health care team using the contact numbers of page 7.
- If there is a leak, place the pump in a plastic bag to contain the leak.

What if the pump alarm is beeping?

- 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 7.

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>Battery Low (3 beeps every 5 minutes) Batteries are low but pump still working. OR Battery Depleted (continuous, variable tone alarm) Battery power is too low to operate the pump.</p>	<ol style="list-style-type: none"> 1. Make sure the pump is connected to the power cord and that the power cord is plugged in. If problem is not solved, continue to number 2 below. 2. Press Stop/Start → Stop Pump? → choose Yes 3. Open the battery compartment at the top of the pump and replace the 4 AA batteries. 4. Press the power switch to turn the pump back on. 5. Press Stop/Start → Start Pump? → choose Yes
<p>Screen is blank and alarm is sounding Batteries were taken out or the battery door was opened</p>	<ol style="list-style-type: none"> 1. Make sure the batteries are in place and the battery compartment is closed. 2. Press the power switch to turn the pump back on. 3. Screen displays Loss of power → choose Acknowledge 4. Press Stop/Start → Start Pump? → choose Yes
<p>Downstream Occlusion (2 toned alarm) Blockage between the pump and you (your IV site)</p>	<ol style="list-style-type: none"> 1. Press Silence. 2. Check the line: <ol style="list-style-type: none"> a. Make sure the CVAD isn't clamped. b. Check that the tubing isn't kinked or clamped. <p>If the blockage is gone, the alarm will stop and the program will continue.</p> <p>If the alarm doesn't stop:</p> 3. Choose Help 4. Continue through the help screens by choosing NextNote: Do not remove any caps if prompted. If the blockage is gone, the alarm will stop and the program will continue. 5. If the problem continues, stop the pump and call the contact numbers on page 7.

Screen display	What to do
System Fault Alarm Possible software or hardware fault	<ol style="list-style-type: none"> 1. Open the battery compartment. 2. Close the battery compartment. 3. Press the power switch to turn the pump back on. 4. If the problem continues record the error code and call the contact numbers on page 7.
Upstream Occlusion (2 toned alarm) Blockage between the pump and you (your IV site)	<ol style="list-style-type: none"> 1. Press Silence. 2. Check the line: make sure the CVAD isn't clamped and the tubing isn't kinked. 3. Make sure the spike is fully inserted into the medication bag. 4. Re-position the bag in the pouch. <p>If the blockage is gone, the alarm will stop, and the program will continue.</p> <p>If the alarm doesn't stop:</p> <ol style="list-style-type: none"> 5. Stop the pump and call the contact numbers on page 7. <p>Note: You must acknowledge this alarm before you work through the Help screen if it happens more than 3 times in 15 minutes.</p>
Can't Start Pump without a Latched Cassette Cassette is not latched properly	<ol style="list-style-type: none"> 1. Press Acknowledge and follow the prompts. 2. If the problem continues call the contact numbers on page 7.

Safety Points

- Keep out of reach of pets and children
- Check the pump 2-3 times daily to ensure it is working properly (it is displaying Run and the volume is decreasing)
- Keep the pump at waist level.
- Carry your Spill Kit separately from the pump. It must be with you at all times.
- Check that the tubing and connections are free from leaks, kinks and large air bubbles and blood.
- Do not get the pump wet.
- Keep the pump in its carrying bag in an upright position.
- Keep pump and the drug in bag at all times.
- Low impact activities are encouraged. Please avoid activities that will cause the pump and drug to be shaken as this could cause pump alarms or air bubbles to form. Please discuss with your healthcare provider if you have questions about specific activities.

Contact Information

You will have access to your healthcare team 24 hours a day via telephone for pump support. The chart below outlines contact numbers to call if you are having issues:

When to Call	Area	Phone Number
8am-5pm	Ambulatory (Treatment Room 2)	902-473-7836
5pm-8am	Inpatient (8A)	902-473-5173

Note: When you call, please state your full legal name, what type of treatment you are receiving and describe the issue you are experiencing. The nurse on the line will give you directions on next steps.

Looking for more health information?

Find this brochure and all our patient resources here: <http://library.nshealth.ca/cancer>

Contact your local public library for books, videos, magazines, and other resources.

For more information, go to <http://library.novascotia.ca>

Patient and family feedback is very important to us.

We would like to invite you to send any comments or suggestions on how to improve this booklet to education.cancercare@nshealth.ca or feel free to call us at 1-866-599-2267.

*Prepared by: Nova Scotia Health Cancer Care Program
NSHCCP4108 © August 2025 Nova Scotia Health Authority*

This pamphlet is for educational purposes only.

Adapted from: "Your CADD-SOLIS Pump for Chemotherapy: A Guide for Patients"

Created by Alberta Health Services

It is not intended to replace the advice or professional judgment of a health care provider.

If you have any questions, please ask your health care provider.