

Patient and Caregiver Guide for CADD®-Solis VIP Pump

The healthcare team will go over this guide with you when they teach you how to use the pump. If you have any issues, questions or concerns during your infusion, please call the healthcare team:

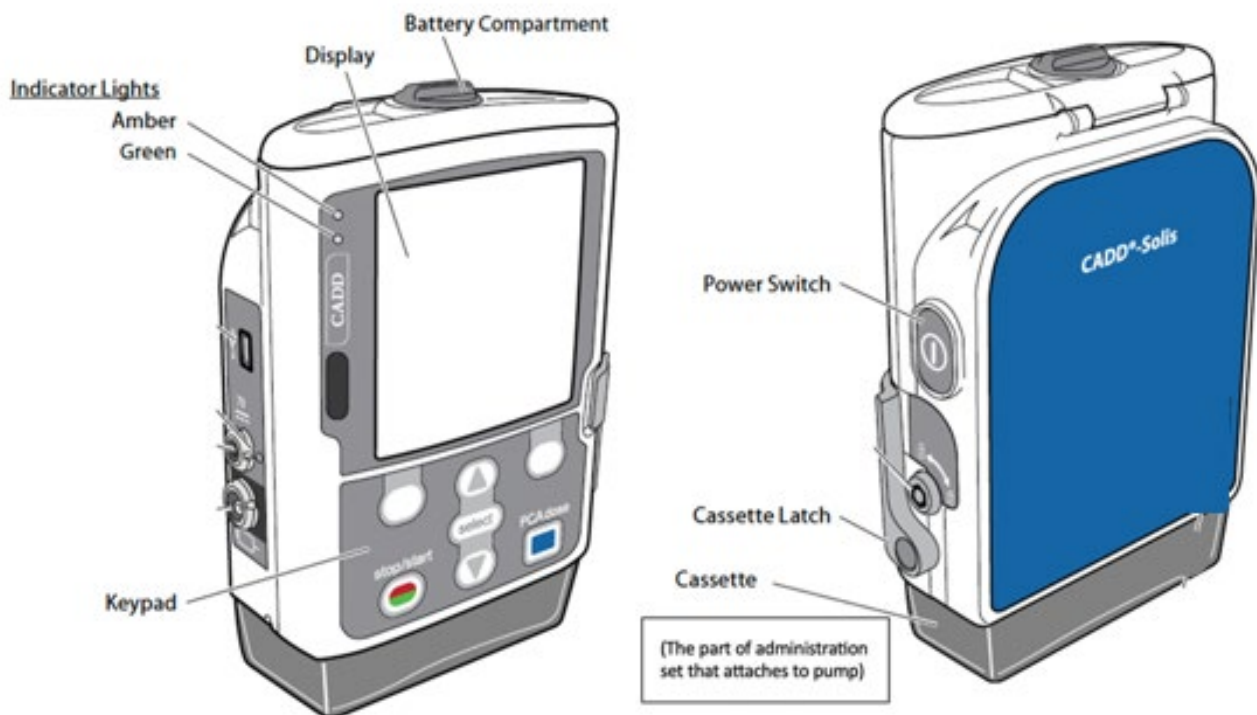
Monday to Friday clinic hours at _____

Outside these hours, call _____

What Is a CADD®-Solis VIP Pump and How Does It Work?


- A CADD®-Solis VIP pump is a portable pump that delivers medication.
- BC Cancer Pharmacy prepares the medication in a special bag, then the medication bag is connected to your pump.
- You will carry the pump with you while you are getting your medication.
- The display on the pump shows information and messages. After a short time, the screen turns off to save power. Press **any white key** to turn the screen back on.
- A nurse will attach the medication to your central line and program the pump to give you the medication.
- You will come to the clinic every day so your healthcare team can check on you and change your medication bag.
- Once the treatment is finished, you will return to the clinic and we will remove the pump.

This is What the Pump Looks Like



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Information About the Pump

Topic	Instructions
Batteries for the Pump	<ul style="list-style-type: none"> The pump runs on four non-rechargeable AA batteries. Your healthcare team will assess the batteries each time they change the medication bag and replace when low. Only replace the batteries yourself if a nurse has told you to do this. If the batteries are not installed properly, the pump may turn off and you will not get your medication.
Indicator Lights	<ul style="list-style-type: none"> Green light flashes when the pump is on and delivering medication. Amber light flashes when 1) the pump has stopped, 2) there is an alarm, or 3) the battery or medication volume is low. When both green and amber lights flash: This means the pump is running but will need attention soon (such as a low battery or low medication volume in the bag).
Stopping the Pump	<p>If you have problems with the pump, or you become unwell and your health care team has asked you to stop the pump, please follow these steps:</p> <ol style="list-style-type: none"> Press Stop/Start key  on the pump. When “Stop Pump?” appears on the screen, select Yes. The pump will stop running and the message on the screen changes to a red “stopped” sign. Please write down the time when you stopped the pump.

Living with Your Pump



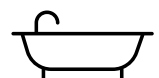
Safety:

- Do not** stop or disconnect the pump unless instructed by your healthcare team.
- If the pump alarm goes off, follow the instructions below.
- Always keep the medication bag upright to make sure no air enters the tubing.
- Call the healthcare team if you have problems or questions.



Environment:

- Do not put the pump under water or in any liquid.
- Keep liquids away from the pump.
- If any liquids get on the pump, wipe it right away with a non-abrasive cloth.
- Keep pump away from temperatures below 2 °C (36 °F) or above 40 °C (104 °F).

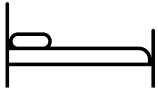


Bathing:

- When bathing, put the pump in a plastic bag and keep it away from water.
- Cover your central line site with a bag or plastic wrap (e.g., cut the bottom of a ziplock bag and secure the ends with elastic bands). Your healthcare team can show you how to do this.

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Sleeping:



- Keep the medication bag upright so no air bubble enters the tubing. A good way to do this is to put the bag in a container.
- When lying down, keep the medication bag and pump around chest height.

Call If:



- The pump is alarming, and you cannot figure out what is wrong.
- **You have redness, pain, swelling, or leakage at your central line site.**
- The medication bag, tubing, or dressing is damp, wet, or leaking.

If Your Medication Bag Leaks

1. Clamp the tubing.

Clamp Open



Clamp Closed



2. Stop the pump. See the section above, “**Stopping the Pump.**”
3. Keep adults, children, and pets away from the area.
4. Put the medication bag and pump inside a plastic bag to catch leaking fluid.
5. If any medication has leaked onto a surface or touched your skin, wash the area well with warm soapy water (See the “[Handling Cancer Drugs and Body Fluids in the Home](#)” handout).
6. Call the healthcare team for further instructions.

What Should I Do If the Pump Alarms?

Look at the screen on the pump. An alarm screen will light up and tell you why the pump is alarming.

1. If it says “**Battery Low**,” follow the instructions in the section “**Batteries for the Pump.**”
2. If it says **Occlusion**, look at the tubing to make sure that 1) there are no kinks or bends, and 2) the tubing is not clamped.
3. If the alarm screen continues and you are not able to fix the problem, call the healthcare team.

Alarms and Messages

Red alarm screen appears when there is a warning that needs attention right away. Medication delivery stops during this time.

- If the alarm “**Reservoir volume is zero. Pump stopped.**” sounds, turn off the pump, call your healthcare team and head directly to clinic.
- If the alarm “**Air in-line detected.**” sounds, turn off the pump, call your healthcare team and head to the clinic immediately.

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Amber alarm screen appears when medication (reservoir) volume is low.
Infusion does not stop.

- Reservoir volume: This is the amount, in millilitres (mL) of fluid in the medication bag.
- The “**Reservoir Volume Low**” alarm will sound when the amount of medication in the bag goes down to a certain amount. When this alarm sounds, please select **Acknowledge** on the screen. The pump will continue to deliver the medication. Make sure you have an appointment time soon for a bag change or disconnect.



Knowledge Check:



I know how to:

- ☐ **Stop/start** the pump.
- ☐ Turn the pump **off/on**.
- ☐ **Clamp** the tubing.
- ☐ **Silence** and **acknowledge** alarms.
- ☐ Manage a medication bag **leak**.
- ☐ **Call** my healthcare team for support.

The Pump Looks Broken or Is Not Working. What Should I Do?

During clinic hours, call your BC Cancer site. Outside of clinic hours, refer to below.

BC CANCER CENTRES	CONTACT INFORMATION AND PROCESS
Abbotsford Surrey Vancouver Victoria	Call the 24/7 Provincial Nurse Line (PNL): 1-833-818-ONCO(6626)
Kelowna	Between 9:00 am and 4:00 pm Monday to Friday (excluding statutory holidays), call <ul style="list-style-type: none"> • Telephone Nurse Line call (250) 712-3944. Outside these hours, call the Kelowna General Hospital switchboard at (250) 862-4000 and ask for the on-call medical oncologist.