

CADD Solis Troubleshooting

General alarms

- Silence will quiet the pump until acknowledged
- Alert will repeat every 2 minutes until acknowledged
- Once acknowledged if the problem is not resolved the pump will alarm in 5 minutes
- Many of the alarms have a help screen to walk you through resolving alarm

Air in line alarm

- Silence & acknowledge alarm
- Disconnect from the patient
- Prime tubing until air is discharged
 - Priming can be found under tasks
 - Best practice to prime the pump positioned on its side with the lever side down

TPN

- Needs to be at room temperature – as mixture warms small microbubbles can form in the solution and result in air in line alarms

Priming tubing

- Found in TASKS
 - Scroll down to highlight PRIME & Press SELECT
- Priming volumes
 - Regular remote reservoir tubing – 10ml priming volume
 - Hi Volume tubing – 20ml priming volume

Resetting the Reservoir Volume

- After attaching the cassette to the pump, the pump will prompt you to reset the res vol
- If not changing the tubing cassette:
 - Reset Reservoir Volume is found under tasks, scroll down to highlight PRIME & Press SELECT

Cassette Unlatched alarm

- You must remove the cassette completely and reattach the cassette.

Battery Door

- A quarter can be used to rotate the battery door lock
- The door can be snapped on and off the hinge

Battery

- Battery icon will turn amber/orange at 25% power.
- Rechargeable battery will take 4 hours to fully charge with AC Adaptor
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Tubing selection

- Remote Reservoir Tubing (regular tubing) will run 0.1 – 200ml/hr
- Hi Vol tubing will run up to 500ml/hr (will run at slower rates as well)
 - Can not be used for PCA or inotropes
 - The max infusion rate for the Solis pump is 500ml/hr & must use Hi Vol Tubing
- If the wrong tubing is used on the pump, the pump will prompt the clinical to use the correct tubing.

Pump Permeameters

- Pressing the soft button under Program will display the pump parameters
- You must stop the pump to adjust/titrate the setting
 - See pump changes and titration tip sheet
 - Keypad Code: 201

Pressing the soft button under back will take you to the Home Page

Locking Pump

- If unlocked, press the soft button under TASKS
- The right soft button will read LOCK KEYPAD

Event Log

- Press the soft button under TASKS
- Arrow down to VIEW REPORT
- Press SELECT
- Arrow down to EVENT LOG
- Press SELECT
- You will view the 500 keystrokes
 - NOTE- push the UP ARROW to view

TPN Mode – Taper down

- If you stop the infusion early, the pump will ask the user if they would like to TAPER DOWN INSTEAD
 - TAPER DOWN will allow the pump to slowly reduce the rate to stopped over the set about of time (typically about 1 hour).
- The user will need to answer YES or NO

Interrupted Infusions

- If you stop the pump before the last dose is complete, when you restart the pump, it will prompt with:
 - FINISH INTERRUPTED INFUSION. NEW BAG OR FINSH, FINSH BAG

PCA Mode

- Dose Cord connect to the blue (lower) port on the left side of the pump
- The dose button is on the front of the pump
 - Dose button is disabled with the pump cord is plugged in (only 1 or the other will work)
- Dose Counter located in task

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- TASKS
- VIEW REPORTS
 - GIVEN and PCA Dose Counter (you can clear dose here)
 - PCA DOSE GRAPH
- Clinical Bolus located in tasks
 - TASKS
 - VIEW ADVANCED TASK (Scroll down to)
 - GIVE CLINICIAN BOLUS
 - Clinician code: 997