Setting up the Pump for a New Patient

Prepare the pump for the new patient:
1. Begin with no cassette attached to the pump.
2. Insert a 9 volt alkaline battery, or if pump indicators are “OFF”, press any key to turn the indicators “ON”.
3. “Is this a new patient?” may appear after power up is complete. Press √.

Program the pump for the new patient:
6. Depending on pump configuration you may be required to verify or program certain settings. Otherwise, press VIEW/SILENCE to advance to programming screens.
7. To leave a setting unchanged, press VIEW/SILENCE.
8. To change a setting, press √ or × until the desired setting appears. Press ENTER to save.

When programming for the new patient is complete:
9. Attach, latch, and lock the cassette to the pump.
10. “Cassette Locked, View to continue” will appear. Press VIEW/SILENCE.
11. “Prime Tubing” will appear. Press √, if priming is needed. (If priming is not needed, press × and skip to step #14.)
13. “Continue Priming?” will appear when √ is no longer being pressed. Press ×.

Making Changes to a Patient’s Current Program with the Pump Stopped

(Units*, Concentration*, Rate, Dose, Dose Lockout*, Delivery Limit*, Max Doses per Hour*, Reservoir Volume*)
If it available for programming
Stop the pump:
1. Press STOP/START.
2. “Stop the Pump?” will appear. Press √.
Unlock the keypad:
4. Insert the pump key into the Cassette/Keypad Lock.
5. Turn pump key 1/4 turn clockwise until the white dot on the white open circle on the Cassette/Keypad Lock lines up with the white open circle on the pump.
6. Pump will confirm that keypad is unlocking.

Program the pump:
7. Press VIEW/SILENCE to advance to programming screens. Depending on pump configuration you may be required to verify or program certain settings.
8. To leave a setting unchanged, press √ or × until the desired setting appears. Press ENTER to save.
9. To change a setting, press √ or × until the desired setting appears. Press ENTER to save.
When programming is complete:
10. Insert pump key into Cassette/Keypad Lock.
11. Turn pump key 1/4 turn counter-clockwise until the white dot on the Cassette/Keypad Lock lines up with the white dot on the pump.
12. “Cassette Locked, View to continue” will appear. Press VIEW/SILENCE.
13. “Start the Pump?” will appear. Press √, as appropriate.
14. Pump will display Automatic Review and confirm that Autolock is locking the keypad.

Changing Rate, Dose or Delivery Limit while Pump is Running*
If this feature is not available based on the pump’s configuration, see “Making Changes to a Patient’s Current Program with the Pump Stopped”.
To change the Dose Lockout, Max Doses per Hour, or Reservoir Volume, see “Making Changes to a Patient’s Current Program with the Pump Stopped”.
Unlock the keypad:
1. Insert the pump key into the Cassette/Keypad Lock.
2. Turn pump key 1/4 turn clockwise until the white dot on the Cassette/Keypad Lock lines up with the white open circle on the pump.
3. Pump will confirm that the keypad is unlocking.

Change the Rate, Dose, or Delivery Limit:
4. Press VIEW/SILENCE to advance to the desired screen.
5. Press √ or NO until the desired setting appears. Press ENTER.
6. Pump reports should be cleared in accordance with institution policy.

Clinician Bolus
Pump must be running.
1. Press PRIME/BOLUS.
2. “Clinician Bolus Code 000” will appear. Press √ or × until the Clinician Bolus Code “_____” appears.
3. Press ENTER.

Stop the pump:

Resetting the Reservoir Volume without Changing the Cassette*
*Changing the IV Bag or Syringe without changing the tubing
Stop the pump:
1. Press STOP/START.
2. “Stop the Pump?” will appear. Press √.

Install IV bag or syringe
Reset Reservoir Volume
5. Press ENTER.
6. “Reset Reservoir Volume to _____ ml?” will appear. Press √. Pump will confirm that Reservoir Volume is resetting.

Start the pump:
7. Press STOP/START to start the pump.

Viewing and Clearing Reports
Pump reports should be cleared in accordance with institution policy.
Pump may be running or stopped to view and clear reports.
Bring up the display if screen is blank:
1. Press VIEW/SILENCE.

View and Clear Reports:
2. Press REPORTS.
3. Press ENTER to clear, if appropriate.
4. Press VIEW/SILENCE to return to the Main Display.

Changing the Battery
Stop the pump:
1. Press STOP/START.

Remove used battery.
Insert new battery.
5. Press VIEW/SILENCE.
Stop the pump:
6. Press STOP/START to start the pump.

Deltec Customer & Clinical Services:
Deltec, Inc.
21 Tull St SW 30212/USA
www.deltec.com

Clinician Bolus
Pump must be running.
1. Press PRIME/BOLUS.
2. “Clinician Bolus Code 000” will appear. Press √ or × until the Clinician Bolus Code “_____” appears.
3. Press ENTER.

Stop the pump:

Deltec, Inc.  ©2003 Deltec, Inc. All rights reserved. Printed in U.S.A. 6/03 19787

CADD-Prime, CADD and Medisafe Cassette reservoir design are Deltec, Inc. trademarks. The symbol ® indicates it is registered in the Deltec, Inc. trademarks. The symbol ® indicates it is registered in the
Alarms and Troubleshooting

The CADD-Prizm® PCS II pump signals with audible alarms and messages on the display when a condition requires your attention. Refer to the Operator’s Manual supplied with the product for information about the alarm and corrective action.

Reservoir volume low
Level of fluid in the reservoir is low. Prepare to install a new reservoir, if appropriate.

Reservoir volume zero
A continuous beep or two-tone alarm is sounding. Reservoir Volume is 0.0 ml. Press VIEW/SILENCE to stop alarm. Install new reservoir, if appropriate.

Res Vol alert
The programmed Res Vol alarm trip point has been reached. Press VIEW/SILENCE to silence alarm. Prepare to install new fluid container when appropriate.

9-volt battery low
9-volt battery is low but pump is operable. Change battery soon.

9-volt battery depleted
9-volt battery is depleted and cannot operate pump; change battery immediately.

Continuous, 2-tone alarm when battery installed; amber light flashing
9-volt battery is depleted and cannot operate pump; change battery immediately.

High pressure
Possible blockage, clamp or kink in fluid path. Find cause and remove blockage to continue. Or, press STOP/START to stop pump and silence alarm for two minutes; remove blockage and restart pump.

Upstream occlusion
Fluid is not flowing from the reservoir to the pump. Check for a kink, a closed clamp or an air bubble in tubing between reservoir and pump and remove cause of occlusion to continue. Press STOP/START to silence alarm for two minutes; remove obstruction and restart pump.

Error detected
Pump fault occurred. Close tubing clamp; remove pump from service. Call Customer Service. 3 beeps every 5 minutes or a continuous two-tone alarm is sounding; stopped on main screen.

Current delivery reached/
Delivery limit reached
Either Demand Dose or Continuous Rate has caused delivery limit to be exceeded.

No rate, delivery at 0.0ml/hr
Demand Dose caused delivery limit to be exceeded.

Non-epidural cassette attached/
Remove cassette to continue
Remove and replace current set with epidural set.

Cassette unlocked, lock cassette to continue
in run
Cassette has been unlocked while pump is running and no key press has occurred in 30 seconds.