CADD-legacy® PCA pump
Model 6300 - 100ml Cassette

HOW TO START THE CADD PUMP

Press and hold the **stop/start** button

Three dashes will count down under the **STARTING** message

▪▪▪▪▪ ▪▪▪▪▪ ▪▪▪▪▪

HOW TO STOP THE CADD PUMP

Press and hold the **stop/start** button

Three dashed will appear will count up under the **STOPPING** message

▪▪▪▪▪ ▪▪▪▪▪ ▪▪▪▪▪

HOW TO SET UP THE CADD PUMP

Obtain a new cassette and check medication order as per facility protocol

Ensure all tubing is clamped.

Insert batteries as per instruction book

Attaching a New Cassette

On the top of the new cassette there are two hooks on one side and a catch on the other.

The two hooks fit into the left-hand side of the CADD pump and act as a hinge.

The catch arcs up into the recess on the right hand side near the key lock.

Place the pump upright on a firm flat surface. Press down so the cassette fits tightly against the pump.

Using the key provided insert the key into the lock, push in, and turn counterclockwise until the line on the lock lines up with the arrow on the side of the pump and you feel the lock click into place.

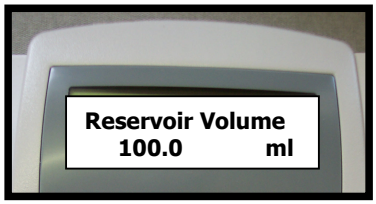
Programming CADD Pump

Program the CADD pump before priming to account for used cassette volume used to prime lines and filters.

Ensure CADD pump is in LL0: see Lock Levels.

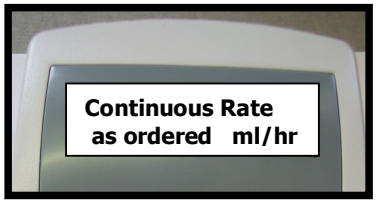
Ensure CADD pump is **STOPPED**.

Press **NEXT** - **Reservoir Volume** will be displayed. Using the increase button press down till 100.00 mls is shown. Press **ENTER/CLEAR** button. If you do not press enter the value put in will not be saved.

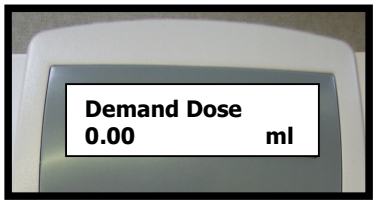


Press **NEXT - Units** will be displayed. Ensure that it is Milliliters.

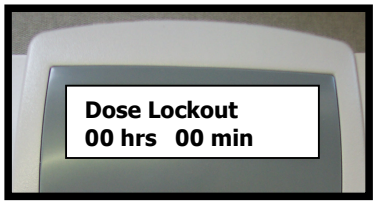
Press **NEXT** - **Continuous Rate** will be displayed. Using the increase and the decrease button program in the rate in ml/hr as ordered. Press **ENTER/CLEAR** button.



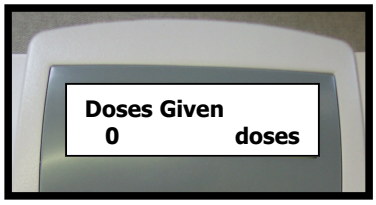
Press **NEXT** - **Demand Dose** will be displayed. This is only used to set up the PCA function of the pump that will allow patients to give themselves a demand dose. Set demand dose as per order or leave at "0.00".



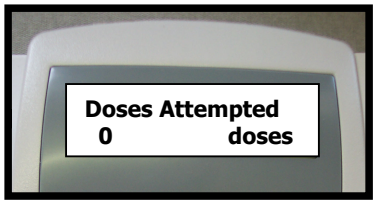
Press **NEXT** - **Dose Lockout** will be displayed. If "0.00" was selected on the Demand Dose Screen then this display will not appear. If a Demand Dose was programmed a Dose Lockout interval is entered as ordered using the increase and decrease buttons.
Press **ENTER/CLEAR** button.



Press **NEXT** - **Dose Given** will be displayed. Press **ENTER/CLEAR** twice to zero the doses given.



Press **NEXT** - **Doses Attempted** will be displayed. Press **ENTER/CLEAR** twice to zero the doses attempted.



Press **NEXT** - **Given** will be displayed. Press **ENTER/CLEAR** twice to zero the amount given to the patient.

Press **NEXT** - **Air Detector** will be displayed. Ensure that it says "**OFF".** To change the Biomed Functions see Instruction Book.

Press **NEXT** - **Upstream Sensor** will be displayed. When using the Cassette it doesn't matter if the upstream sensor is on or off. This function is used when a bag or other container is used instead of a cassette. This function will detect if the line kinks or occludes between the bag/container and the **CADD** pump.

Once the CADD pump is programmed the lines are ASEPTICALLY attached to the CADD pump.

A new cassette for the CADD pump may be delivered in a number of ways.

RNSH will deliver the Cassette with an extension set and one Flat Epidural Filter attached. This Cassette has a life of 5 days.

BAXTER will deliver the cassette without an extension set or with one if requested to by the pharmacist. This Cassette has a life of 7 to 10 days.

Either way the lines delivered with the pump will be primed.

If the patient has an **INTRATHECAL LINE** insitu it will be connected to the CADD pump in one of two ways. This can be via a **port-a-cath** in the abdomen or to an **intrathecal catheter** that has been tunnelled under the skin and exits (usually) in the right abdomen.

INTRATHECAL LINE - PORTACATH

Aseptically attach lines

- x1 - CADD pump Cassette
- x1 - Extension Set - Note: The Extension set has an Anti-Siphon Valve so the BLUE Luer Lock must be attached to the Cassette and the PURPLE Luer Lock must be attached to the Flat Epidural Filters. **If the Extension set is back to front a HIGH-PRESSURE alarm will sound.**
- x2 - Flat Epidural Filters
- x1 - Gripper Needle

PRIMING THE LINES

Ensure that all lines are correctly attached and Asepsis is maintained.

Press the **PRIME** button and **HOLD**.

The display will show **Priming** .... Three lines will count up. Then slightly release the button and press down again and the CADD pump will begin priming. If the priming stops slightly release and depress the prime button again. It will take between 2.5 and 3.0 mls to prime the lines x2 Epidural Filter and the Gripper Needle.

NURSING ALERT
A PORT-A-CATH CONNECTED TO AN INTRATHECAL CATHETER CAN NOT BE FLUSHED OR ASPIRATED. EXTREME CARE SHOULD BE TAKEN WHEN ACCESSING THE PORT.

ACCESS THE PORT-A-CATH AS PER HOSPITAL PROTOCOL.
CENTAL LINE DRESSING TO PORT-A-CATH AS PER HOSPITAL PROTOCOLS.

ENSURE THAT THE TUBING COMING OUT OF THE PUMP IS INSERTED INTO THE AIR DETECTOR. SEE PAGE 35 OF THE OPERATORS MANUAL

START PUMP

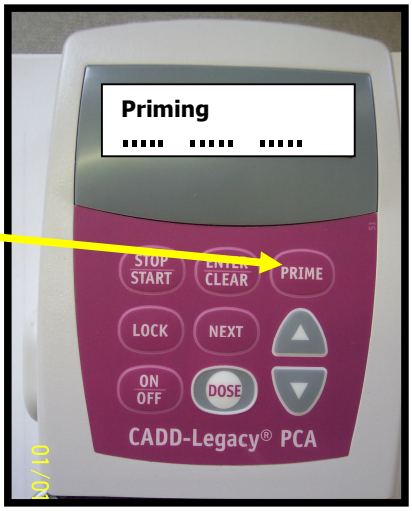
DOCUMENT

INTRATHECAL LINE - CATHETER

Aseptically attach lines

- x1 - CADD pump Cassette
- x1 - Extension Set - Note: The Extension set has an Anti-Siphon Valve so the BLUE Luer Lock must be attached to the Cassette and the PURPLE Luer Lock must be attached to the Flat Epidural Filters. **If the Extension set is back to front a HIGH-PRESSURE alarm will sound.**
- x1- Flat Epidural Filters

PRIMING THE LINES



Ensure that all lines are correctly attached and Asepsis is maintained.

Press the **PRIME** button and **HOLD**.

The display will show **Priming** .... Three lines will count up. Then slightly release the button and press down again and the CADD pump will begin priming. If the priming stops slightly release and depress the prime button again. It will take between 2.5 and 3.0 mls to prime the lines x1 Epidural Filter.

When changing the cassette only the distal Flat Epidural Filter is disconnected. **At no time is the proximal Flat Epidural Filter disconnected from the Intrathecal Catheter**.

NURSING ALERT

THE WEAK POINT IN THE INTRATHECAL CATHETER LINE IS THE JOIN BETWEEN THE TWO FLAT EPIDURAL FILTERS.

CAUTION MUST BE EXERCISED WHEN DISCONNECTING THE DISTAL AND PROXIMAL FILTERS. ASEPSIS IS ESSENTIAL.

WHEN RECONNECTING THE NEW DISTAL FLAT EPIDURAL FILTER TO THE INSITU PROXIMAL FLAT EPIDURAL FILTER CARE MUST BE TAKEN NOT TO TIGHTEN THEM MORE THAN FINGER TIGHT.

OVER TIGHTENING WILL RESULT IN STRIPPING OF THE THREAD AND THE FILTERS WILL LEAK.

IF THE TWO FILTERS DO NOT SIT FLAT IT DOES NOT MATTER.
OVER TIGHTENING WILL COMPROMISE THE INTEGRITY OF THE FILTERS.

Don **STERILE GLOVES.**

Use the inner wrapper of the sterile gloves as a sterile field

Place both the **PROXIMAL** and **DISTAL** Flat Epidural Filters on the sterile field.

While maintaining **ASEPSIS** wipe the male luer lock connector of the **PROXIMAL** Flat Epidural Filter with Alcowipes or Chlorhex and Alcohol.

While holding the **DISTAL** Flat Epidural Filter (with extension set attached) remove the cap from the female luer lock connector.

Joint the **PROXIMAL** to the **DISTAL** Flat Epidural Filters without touching anything.

ENSURE THAT THE TUBING COMING OUT OF THE PUMP IS INSERTED INTO THE AIR DETECTOR. SEE PAGE 35 OF THE OPERATORS MANUAL

START PUMP.

DOCUMENT.

CLINICIAN'S BOLUS

A STAT medication order must be obtained first.

To give a Clinician's Bolus the **CADD** pump must be in **LLO**.

The **CADD** pump must be **RUNNING**

Press **LOCK**

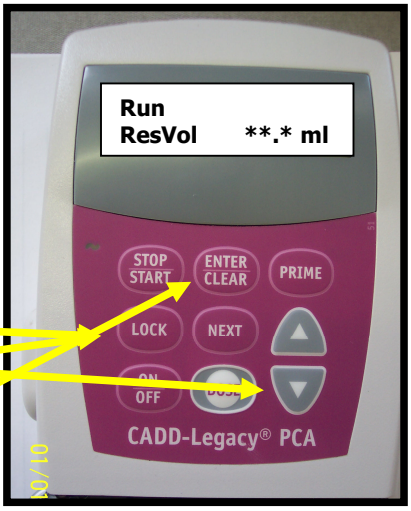
Scroll **DOWN** till "**997"**appears on the display

Press **LOCK**

Clinician Bolus will be displayed

ENTER THE BOLUS ORDERED IN MLs

Press **ENTER/ CLEAR**



THE PUMP WILL DELIVER THE AMOUNT ENTERED AND RETURN TO RUN

LOCK LEVELS

The CADD - Legacy® PCA has three Lock Levels LL0, LL1 and LL2 see page 10 of the Operators Manual to see the lists of operations that are accessible in each of the lock levels.

Page 37 of the Operators Manual states that. "The Lock Level must be changed to LL1 or LL2 to prevent the patient from having complete access to all programming and operating functions."

Any Programming or changes to programming or operating functions must be made in LL0

TO CHANGE THE LOCK LEVEL

Press **LOCK**

The current lock level will appear

Press the increase or decrease buttons until the desired lock level appears

Press **LOCK**

Code 0 will be displayed

Press the increase button till **"63"** appears

Press **LOCK** to set to set the new lock level