

ALARIS OPIOID PUMP PROGRAMMING

Prepare infusion in accordance with prescription sheet.

ALL OPIOID INFUSIONS MUST BE ADMINISTERED USING ADMINISTRATION SETS THAT INCORPORATE AN ANTI-SIPHON VALVE +/- AN ANTI-REFLUX VALVE.

STAFF UNFAMILIAR WITH OPIOID INFUSION PUMPS MUST NOT PROGRAMME THE PUMP

Seek advice and support from CNS ACUTE Pain, CNF or registered nurse who is competent in use of ALARIS opioid infusion pump. Look for training.

Programming pump

Drug Concentration: Multiply mg ordered x 1000 to get microgram ÷ x 50(volume in syringe) = mcg/ml. **MUST BE SET CORRECTLY**

Lockout Time: As prescribed

PCA: As prescribed

Continuous infusion: As ordered by medical staff

Maximum concentration: 20 ml over 4 hours

Two staff members must confirm the pump programming at set up and following any adjustments to the programme.

1. **SET UP:** Insert key in the front panel switch. Turn to **set** position (2 0'clock)
2. **NEW PATIENT:** Answer NO will keep all previous patient history. (Same Patient)
Answer YES will reset the patient history to ZERO. (New patient)
Check time and date are correct and answer YES
3. **SELECT /MODIFY PROTOCOL: 2 people should check that the settings are as prescribed**
 - Check drug name is correct. Adjust if necessary using ↑↓ arrows
 - Set drug concentration using ↑↓ arrows
 - PCA not being used leave as 0 or set up as prescribed using ↑↓ arrows
 - Lockout not being used leave as 0 or set up as prescribed using ↑↓ arrows
 - Scroll to next screen and set the volume of infusion as prescribed using ↑↓ arrows.
 - Set maximum volume over 4 hours as ordered. (Not less than 20 ml)
 - Turn the key to **RUN** position (4 0'clock)
 - **CHECK PROTOCOL CAREFULLY** to ensure it is correctly set up
 - **Press OK**
 - **CONFIRM SYRINGE:** (set up for Braun 50 ml perfusor®)
 - **PURGE TUBING:** by pressing down on both arrows whilst cover is open until fluid reaches the end of the tubing.
 - **CLOSE COVER.**
 - **CONNECT INFUSION:** to patients IV catheter/ CVC
 - **START:** Press start to commence infusion.

TO CHANGE INFUSION VOLUME

1. Press ORANGE stop button.
2. Insert the key into infusion pump and turn to set-up mode (2 0'clock)
3. Scroll through screen, adjust continuous infusion.
4. Press confirm, then press OK
5. Turn the key to RUN mode and remove key.
6. Press Green start button to restart infusion.