

Starting an Infusion for a New Patient

SCENARIO: Use a 50ml BD Plastipak syringe with 50ml volume. Select Protocol B. Manually prime the line. Purge system slack. Use key to open locking cover & press ON/OFF key to power up

Syringe Pump SV: xxxxxxx ID: xxxxxxx	Pump name, software version and pump ID displays
Enter Level 1 Code 0 Set +/- & Press YES	Use the +/- keys to enter access code. Press START/YES to confirm
Press YES to Resume NO for New Therapy	To allow protocol selection, press STOP/NO for New Therapy
Protocol Lock ON Select +/- , Press YES	Use +/- keys to select Protocol Lock OFF. Press START/YES to confirm
SELECT PROTOCOL A: Morphine 1mg B: Morphine 2mg Select +/-, Press YES	Use +/- keys to select the Protocol required. Press START/YES to confirm
B: Morphine 2 mg Rate 2 ml/hr Min. 0 ml/hr Max. 20 ml/hr Press YES to Confirm	Read Protocol summary screens. ALWAYS ENSURE THE PROTOCOL DISPLAYED MATCHES THE PRESCRIPTION. Press START/YES to confirm
Bolus rate 300 ml/hr Lock out 5 min Bolus dose 2ml(0-20 ml) Press YES to Confirm	
Syringe Sizes Enabled 50-60 ml Press YES to Confirm	Syringe sizes that can be used for this protocol. Press START/YES to confirm
Pre-Loading PRESS NO TO STOP	Actuator is moving to the last syringe start position
26/11/2008 16:45 Occlusion 540mmHg Titration Enabled Battery Status 79%	During actuator movement pump settings are displayed. Check pump settings and load syringe

When actuator has stopped, use the **FF/Back** keys to move the actuator to the position required for syringe loading. (Ensure barrel clamp is down)

Load Syringe	Load Syringe graphic flashes until the syringe is detected by the three sensors
50ml BD Plastipak Press YES to Confirm or +/- for options	Displays syringe brand and size detected. Press START/YES to confirm. Close and lock locking cover
Purge System Slack?	If purge not required, press NO (screen will forward to Syringe Deliverable Volume). If purge required, press START/YES to confirm
WARNING! Disconnect patient from the pump Press YES to Confirm	ENSURE LINE IS DISCONNECTED FROM THE PATIENT BEFORE PURGING. Press START/YES to confirm
Hold FF key to purge Purge 0.00ml Press NO when done	Press and hold FF/Back key until system slack is removed
Purge completed Press NO when done	If full purge volume is delivered, purge completion is shown and screen moves forward automatically. Alternatively, press STOP/NO to confirm completion
*50ml BD Plastipak Volume 49.8 Press YES to Confirm	Screen confirms syringe deliverable volume. Press START/YES to confirm
B: Morphine 2 mg Rate 2 ml/hr Min. 0 ml/hr Max. 20 ml/hr Press YES to Confirm	Read Protocol summary screens. ALWAYS ENSURE THE PROTOCOL SELECTED MATCHES THE PRESCRIPTION. Press START/YES to confirm
Bolus rate 300 ml/hr Lock out 5 min Bolus dose 2ml (0-5 ml) Press YES to Confirm	
Start Protocol?	Press START/YES to start the infusion

Infusion Running Screens

B: Morphine Rate 0 ml/hr Bolus 1 ml Lock out 5 mins Last bolus - mins <<<<< Pump Operating	B: Morphine Rate 0 ml/hr Bolus 1 ml Lock out 5 mins Last bolus - mins 50 ml BD Plastipak
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Bottom line of screen information will alternate during infusion

Bolus Dose Titration

SCENARIO: Change bolus volume from 2ml to 1ml. While infusion is running, press +/- key (if rate titration is also enabled, press twice)

Bolus Dose Titration Press YES to Continue	Press START/YES to confirm
Bolus Dose Titration Enter Level 1 Code 0 Set +/- & Press YES	Enter access code, press START/YES to confirm
Patient Bolus Dose 2 ml (0-5 mls) Set +/-and Press YES	Use +/- keys to select bolus dose required. Press START/YES to confirm
B: Morphine Rate 0ml/hr Bolus 1 ml Lock out X mins Last bolus X mins <<<<< Pump Operating	Observe bolus dose displayed on Infusion Running screen

Rate Titration

Rate titration is activated in the same way as bolus titration (if configured), so follow the sequences described above. Press the +/- key once to activate the Rate Titration screen.

NOTE: Any change of rate or bolus volume becomes the default for that programme. These are retained in the current programme unless manually changed or if NEW THERAPY is selected.

Syringe Change

At the end of an infusion (Syringe Empty alarm):

- To confirm end of infusion alarm, press **START/YES**
- Press **STOP/NO** then turn power off by pressing ON/OFF
- Clamp line
- Unlock and open locking cover
- Remove empty syringe
- Power pump on by pressing ON/OFF
- Follow screen sequences. When 'Press Yes to Resume, No for New Therapy' screen displays, press **START/YES** to retain protocol and infusion history
- When 'Load Syringe' screen displays load the new, pre-prepared syringe
- Follow screen prompts to start the infusion

NOTE: Purge is not available when resuming an infusion.

Clinician Activated Bolus (Authorised Personnel Only)

- Press **STOP/NO** to pause current infusion
- Press the **FF** key
- Enter relevant access code, press **START/YES** to confirm
- Enter bolus volume required using the + or - keys, press **START/YES** to confirm

If the requested dose is outside the pre-set limits the pump will return to step 3. Re-enter the access code and repeat step 4. On completion of bolus delivery the infusion will resume.

