

! For safe and proper use, refer to the Operator's Manual. Rx ONLY


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Baxter Spectrum IQ Infusion Pump

Quick Reference Guide

Pump Operating Software Version 9

IV SET LOADING

- 1- Hang IV container, leaving a distance of 61 cm (24 in) between the top of the container and the center of the Pump. See Figure 1.
- 2- Slowly gravity prime the IV set, removing all air from Y sites and backcheck valves.
- 3- Position and close the roller clamp on the IV set 33-38 cm (13-15 in) below the Y site. If there is no upper Y site, close the roller clamp 48-53 cm (19-21 in) below the drip chamber.
- 4- Press the  key to power on the Pump.
- 5- Close the slide clamp (with the tear drop cutout pointing down).
- 6- Insert the slide clamp into the keyhole at loading guide **1** at the top of the Pump, and press down until the door opens. See Figure 2.

Inserting the slide clamp correctly is the **only** way to open the Pump door.

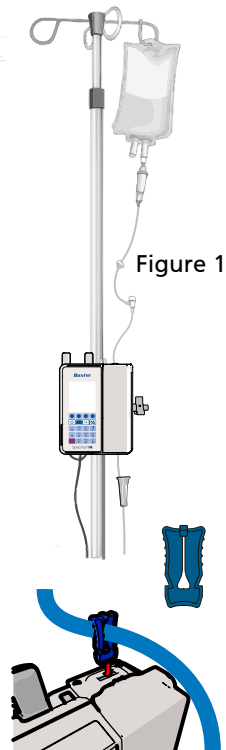


Figure 1.

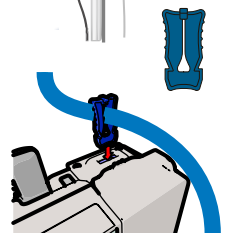


Figure 2.

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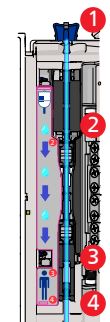


Figure 3.

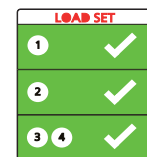


Figure 4.



Figure 5.

- 7- Load the primed IV tubing into the Pump from the top to the bottom as illustrated. Starting from the slide clamp at loading guide **1**, proceed in order through loading guides **2**, **3** and **4**.
- 8- Trace the IV line from the container to the Pump to the patient to ensure correct loading. See Figure 3.

The IV set is properly loaded when the screen displays three green bars and check marks as illustrated. See Figure 4.

- 9- To close the door, position your thumbs near the top and bottom edges of the door over the thumb indents and press firmly until the door is closed. See Figure 5.

- 10- To open the slide clamp, hold tubing down at keyhole with 2 fingers while pulling the slide clamp up and out. The slide clamp is open when it moves freely on the tubing. See Figure 6.

- 11- Open the roller clamp and confirm that no drops are falling in the drip chamber.
- 12- Attach the IV set to the patient.

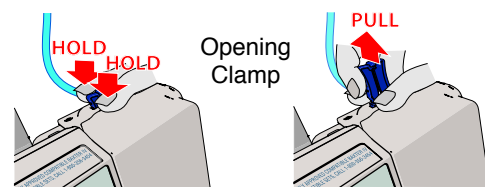


Figure 6.

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Programming the Pump

Select Patient


When the Pump is powered on, the screen may display, "New Patient?"

- Press **yes** to clear the previous program and to program a new drug.
- Press **no** to retain the program and resume the infusion.


Select Care Area

Using the **arrow** soft keys, scroll to the desired Care Area and press **OK**.

Programming a Drug


- 1- Using the keypad, enter the first two letters of the drug's name. A list of all matching drug names is displayed.
- 2- Using the **arrow** soft keys, scroll to the desired drug and press **OK**.
- 3- Enter values and press **OK** after each entry.
- 4- Press  to start the infusion.
- 5- Confirm that the clamps are open, there are no kinks in the tubing, and that drops are falling in the drip chamber.

SECONDARY INFUSION

- 1- Press  if the pump is running.
- 2- Press the **program pri/sec** soft key.
- 3- Press the **program secndry** soft key.
- 4- Using the keypad, enter the first two letters of the drug's name. A list of all matching drug names is displayed.
- 5- Using the **arrow** soft keys, scroll to the desired drug and press **OK**.
- 6- Press **OK** to select the secondary bag.

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- 7- Enter the required values and press **OK** after each entry.
- 8- Connect the secondary IV set to the primary IV set.
- 9- Lower the primary bag by fully extending the hanger approximately 32 cm (12.5 in) below the secondary bag.
- 10- Open the secondary roller clamp.
- 11- Press  to begin the secondary infusion.
- 12- Confirm that there are no kinks in the tubing, that the secondary clamp is open, and that drops are falling in the secondary drip chamber (and not in the primary drip chamber).

BASIC INFUSIONS

CAUTION: BASIC Programming Use.

BASIC Programming should only be used when the desired drug or concentration is not available in the facility's Drug Library. **IMPORTANT:** If a drug is not available in the Drug Library, follow your facility's procedure to request that the drug be added.

To Program in mL/hr:


- 1- Select the Care Area.
- 2- Enter "B" "A" and select **BASIC**.
- 3- An Advisory message displays. Press the **yes** soft key to proceed.
- 4- Use the **arrow** soft keys to move the cursor to **mL modes** and press **OK**.
- 5- Use the arrow soft keys to move the cursor to **mL/hr** and press **OK**.
- 6- Press the **yes** soft key to confirm.
- 7- Use the arrow soft keys to select **Primary Bag, Secondary Bag** or **Multi-Step** and press **OK**.
- 8- Enter the required values and press **OK** after each entry.
- 9- Press  to start the infusion.
- 10- Confirm that the clamps are open, there are no kinks in the tubing, and that drops are falling in the drip chamber.

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To Program in a dose mode:

Follow steps 1 and 2 on Page 4 to select BASIC mode.

- 1- Use the **arrow** soft keys to move the cursor to **dose modes**. Press **OK**.
- 2- Use the arrow soft keys to highlight the **dose unit** (unit of measure for the dose mode) that matches the order. Press **OK**.
- 3- Use the arrow soft keys to move the cursor to the **weight type** that matches the dose mode in the order. Press **OK**.
- 4- Use the **arrow** soft keys to move the cursor to the **time unit** that matches the dose mode in the order. Press **OK**.
- 5- Press the **yes** soft key to confirm the dose mode.
- 6- Use the arrow soft keys to move the cursor to the **drug unit** (the unit of measure for the drug amount in the IV bag). Press **OK**.
- 7- Enter the **Total Drug** amount in the bag. Press **OK**.
- 8- Enter the **Total Bag** volume. Press **OK** to confirm.
- 9- The Confirm screen displays the **concentration** entered and the **dose mode** selected. Press the **yes** soft key to confirm.
- 10- Use the arrow soft keys to select **Primary Bag, Secondary Bag, or Multi-Step**. Press **OK** to confirm.
- 11- Enter the required values. Press **OK** after each entry.
- 12- Confirm that the slide clamp and roller clamp are open. Press  to start the infusion.

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IV Set Unloading

- 1- Close the roller clamp and the slide clamp on the IV set below the Pump.


When opening the pump door, use only the slide clamp on the tubing loaded into the pump, to prevent free flow.

- 2- Insert the slide clamp into the keyhole at loading guide **1** at the top of the pump. Press the slide clamp down until the door opens.
- 3- Remove the tubing by pulling the tubing out and up from the bottom of the pump towards the top. This ensures that the slide clamp will not be inadvertently opened when removed from the keyhole.

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Operating Tips

- Start with a fresh section of tubing loaded into the Pump.
- Make sure there is enough tubing below the pump for patient movement.
- Correct IV set loading is confirmed by drops falling in the drip chamber after pressing  to start the infusion. Confirm fluid flow from the IV container to the drip chamber to the patient.
- Always press **OK** to confirm entries and changes.
- Keep the power cord plugged in whenever the pump is not in use.
- Follow all on-screen prompts to clear alarms. Press the silence soft key (or any key) to silence the alarm tone for two (2) minutes.
- For the keypad lock code, refer to the Operator's Manual or your facility's configured code.

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Soft Keys

- **clear program** - to clear program (primary or secondary or both) when the Pump is stopped.
- **hold** - to place the Pump in standby mode.
- **info/settings** - to adjust alarm and display settings or to display the information view.
- **program pri/sec** (primary/secondary) - to view the Setup screen when the Pump is stopped.
- **rate change or dose change** - to change the dose or flow rate without stopping the Pump.
- **review** - to view infusion information on the Primary Setup screen.
- **review/edit VTBI** - to view the Setup screen and to edit Volume To Be Infused without stopping the Pump.

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