

Baxter

SpectrumIQ

INFUSION SYSTEM

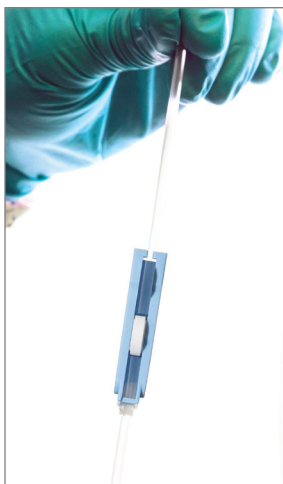
SMART TIPS GUIDE



1. PRIMING

Slow and Controlled

- Close the Roller Clamp when removing the tubing from its package.
- Open the Roller Clamp halfway during priming.
- Do NOT prime too quickly as this may increase turbulent flow and create air bubbles.



Open the Roller Clamp halfway during priming.

flip for tips



Invert Back-Check Valve and Y-Sites

- When fluid passes through the Back-Check valve and Y-sites, **invert and tap to remove air**, and complete the priming process.



When fluid passes through the Back-Check valve and Y-sites, invert and tap to remove air, and complete the priming process.

flip for tips



2. POSITION OF PUMP AND BAG

Ensure there are at least 24" between the top of the bag and the center of the pump (you may utilize the ruler on this "**Spectrum IQ Smart Tips Guide**").

This will help

- ✓ Reduce variance in flow.
- ✓ Reduce potential for nuisance alarms.

flip for tips





Ensure there are at least 24" between the top of the bag and the center of the pump (you may utilize the ruler on this "**Spectrum IQ Smart Tips Guide**").

flip for tips



3. BLUE SLIDE CLAMP

- Ensure that the blue slide clamp is 6-8 in (15-20 cm) below the upper Y-site when loading the tubing into the pump.
- Provide strain relief when removing the blue slide clamp from the pump.
 - Hold tubing down on top of the pump while removing the blue slide clamp.
- Once removed, the slide clamp should be open and move freely along the tubing before starting an infusion.
- Ensure the clamp is open and drops are falling from the drip chamber (**especially when infusing at very low rates**).

flip for tips





Hold tubing down on top of the pump while removing the blue slide clamp.



Once removed, the slide clamp should be open and move **freely** along the tubing before starting an infusion.

flip for tips

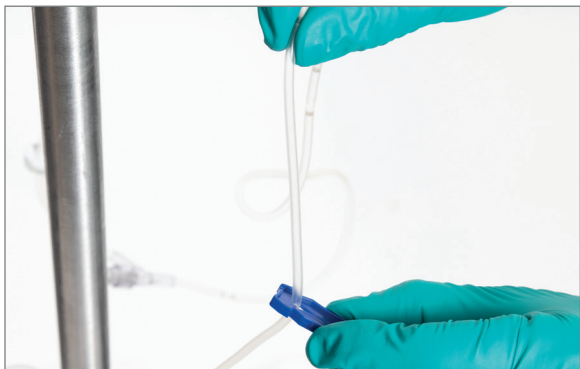


4. UPSTREAM OCCLUSION ALARM

- Ensure all clamps are open and tubing is not kinked **above** the pump.
- Ensure the blue slide clamp can move **freely** along the tubing.
- Ensure when infusing that there are drops falling from the drip chamber.
- Ensure drip chamber vent is open when infusing with rigid container.



Ensure all clamps are open and tubing is not kinked **above** the pump.



Ensure the blue slide clamp can move **freely** along the tubing.



Ensure when infusing that there are drops falling from the drip chamber.

5. AIR IN LINE ALARM

- Ensure the roller clamp is closed prior to opening the door.
- Open the door to assess air in line.
- If it is necessary to remove air from the tubing, follow hospital policies and procedures.
- If air does not need to be removed, do NOT remove tubing. Close the door and hit run.
- If appropriate, let fluids warm up to room temperature before administering.
- Do not agitate IV bags prior to hanging.
- Ensure proper priming techniques are followed (refer to pages 1-2, Section #1 of this guide).



Air in Line Sensor

6. DOWNSTREAM OCCLUSION ALA

- Always assess patient's IV site; ensure there is no occlusion and that all clamps are open.
- Pump will automatically restart when the occlusion is resolved.
- Pump will restart per hospital Drug Library configuration (Off or 1-9 times).



The image shows two screenshots of a medical infusion pump interface. The top screenshot is the 'Infusion Screen' for 'MedSurg NaCl 0.9%' at a rate of '50 mL/hr'. A red circle highlights the 'info / settings' button in the top navigation bar. Below this is a 'USER OPTIONS' menu with three items: '1. Alarm Settings', '2. Display Settings', and '3. View Information'. The '1. Alarm Settings' item is highlighted with a red box. The bottom screenshot is the 'ALARM SETTINGS' screen, which lists various settings: 'Audio Volume' (med), 'Standby delay [hr:min]' (infinite), 'Near-Empty alert' (on), 'DS Pressure Limit' (high), and 'DS Occl Auto Restarts' (on, with 4 remaining). A red circle highlights the 'reset restarts' button at the bottom right of the screen.

MedSurg NaCl 0.9%

50 mL/hr

bolus review / editVTBI info / settings rate change

USER OPTIONS

Cursor to the desired selection and push OK

1. Alarm Settings

2. Display Settings

3. View Information

exit ▲ ▼

ALARM SETTINGS

Using ▲▼, select the setting and push OK

Audio Volume med

Standby delay [hr:min] infinite

Near-Empty alert on

DS Pressure Limit high

DS Occl Auto Restarts on ▲▼ [4 remaining]

exit ▲ ▼ reset restarts

To reset auto restart times from Infusion Screen

1

Select info/settings

2

Select Alarm Settings

3

Press OK to highlight "DS Occl Auto Restarts"

4

Select reset restarts

7. SECONDARY INFUSIONS

- When lowering primary bag, ensure blue hanger is fully extended.
- When secondary is complete, close roller clamp and return primary bag back to 24".
- Unintended flow from primary bag may occur if secondary rates are greater than 300 mL/hr.



When lowering primary bag, ensure blue hanger is fully extended.

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Rx Only.

For safe and proper use of this device, refer to the appropriate operator's manuals.

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