

# Programming infusions at flow rates <math><1\text{ mL/h}</math> with the Alaris® Syringe module

## Alaris® System\*

Syringe pump infusions that are programmed at very low flow rates may encounter a delay upon start-up.

### To decrease potential start-up delays, each time a new syringe is loaded:

- Use the smallest syringe size possible (for example, if infusing 2.3 mL of fluid, use a 3 mL syringe)
- Properly prime administration set so that the pressure sensing disc (if used) is not over or under-filled
- Ensure device is at or below level of patient (fig. 1)
- Utilize **Prime Set with Syringe** feature on the Alaris® Syringe module to speed up the engagement of the device's mechanical components and decrease the internal friction of the syringe. (fig. 2)

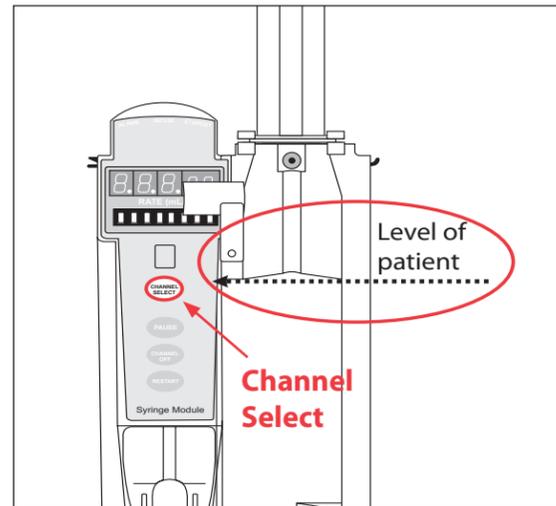


fig. 1

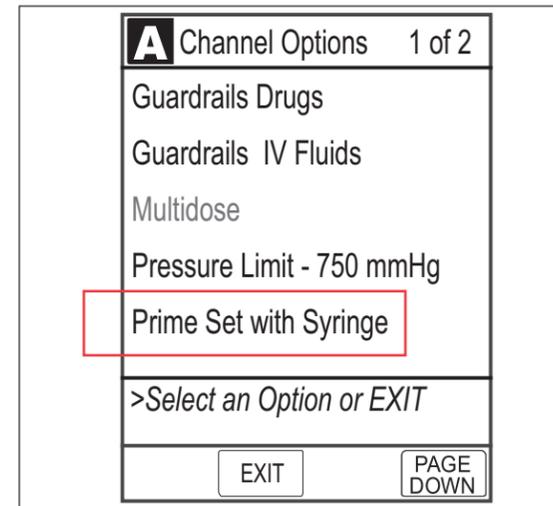


fig. 2

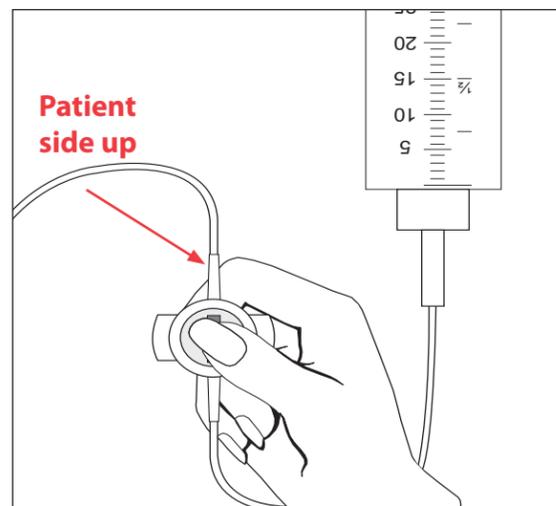


fig. 3

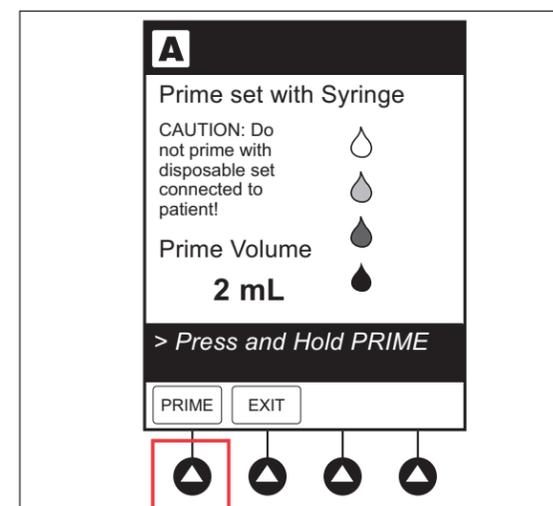


fig. 4

### To utilize the Prime Set with Syringe feature, follow these steps:

1. Ensure set is not connected to patient
2. Load syringe and select syringe type and size
3. Program infusion parameters but do not start infusion
4. Press **OPTIONS**
5. Select **Prime Set with Syringe** (fig. 2)
  - a. If pressure sensing disc is used, hold the disc between two fingers and invert so patient side is up (fig. 3)
6. Press and hold **PRIME** until fluid is observed at the distal end of the tubing\* (fig. 4)
  - a. If pressure sensing disc is used:
    - While holding **PRIME**, gently massage disc to ensure it does not become over or under-filled
    - Install pressure sensing disc
7. Press **EXIT**
8. Press **START**
9. Attach set to patient\*\*

\*Note: Prime volume is not added to VTBI or VI.

\*\*Note: It is important to unclamp the set and start the infusion before attaching the set to the patient. This will minimize any potential bolus that could be released from pressure built up in the set due to normal priming and syringe loading.