Symbiq Quick Tips-Alarms/Messages

To clear <u>persistent</u> <mark>PROXIMAL OCCLUSION</mark> alarm (after troubleshooting the line for occlusion):
- Press **Start** to clear alarm
- Press **Stop**
- Press **Load/Eject** to open and close the cassette door (to reset pressures)
- Resume infusion

If the alarm persists:
- Stop the infusion, **turn the pump off and back on**
- When the new patient screen is displayed, Change *New Patient?* to **no** (and resume the infusion)

If the alarm persists:
- Change the tubing

<mark>CHECK FLOWSTOP</mark> alarm when <u>Opening</u> Cassette Door:
- Press Silence. Flowstop may have been bumped when removing it from door - check cassette and **ensure flowstop is CLOSED**

<mark>CHECK FLOWSTOP</mark> alarm when Closing Cassette Door:
- Press Silence. Press **Load/Eject** button to open & close door
- Check cassette and **ensure flowstop is CLOSED**
- Check for closed clamps and open clamps, reload tubing (wait for door to close completely)
- Start infusion

<mark>CHECK CASSETTE</mark> alarm:
- Press **Alarm Tab** at the bottom of the screen to clear the alarm message
- Press **Load/Eject** to open cassette door
- Ensure cassette is "seated" properly - tug on tubing below cassette.
- <u>Allow door to close completely</u> before starting infusion

<mark>CHECK CASSETTE</mark>/Cassette Required Message:
- Typically happens when Start is pressed before door has completed closing cycle. Wait until LED light (above channel) has gone off before pushing Start.
- Press **OK** to message
- Press **Start**

<mark>AIR-IN-LINE</mark> alarm:
- Press Silence. Disconnect from patient
- Remove cassette, open Flowstop, <u>invert and tap to dislodge air bubbles</u>
- Reprime set to remove air
- Close Flowstop & insert cassette back in pump, reconnect set to patient
- Restart infusion

Symbiq Helpful Hints:

Forced Shutdown Message:
- May be caused by …Trying to turn pump off before door is closed
- Please …Select "OK" and <u>allow door to shut completely</u> then turn pump off.

***DO NOT FORCE SHUTDOWN UNLESS ABSOLUTELY NECESSARY

Secondary Line Maximum Rate of 500 mL/hr:
- If an infusion was programmed for >500mL/hr on a secondary line, it would begin pulling from primary container (due to backcheck valve). The pump is preventing this situation from happening.

PRIMING/CONNECTIONS:
- **Ensure that cassette is inverted, flowstop (white piece) is open, tap, then <u>close flowstop when finished</u>.**
- **At same time you invert the cassette, <u>INVERT BACKCHECK valve and tap out air</u>**; do the same with Clave ports.
- Priming set with vent for Glass bottles:
  - Ensure flowstop is closed.
  - Insert spike into bottle
  - Squeeze drip chamber
  - Open vent on piercing pin
  - Open flowstop to prime
- Changing glass bottles:
  - CLOSE VENT WHEN RE-SPIKING BOTTLE
  - Spike new bottle
  - Squeeze drip chamber
  - Open vent on piercing pin
- **<u>When connecting male tip to Clave port</u>**, pull back collar, insert tip, push and turn. After the tip is securely seated, then luer on collar. If you are experiencing distal occlusions, check your connection. If a secondary is not running, check your connection.

QUICKER SET UP:
- Press and hold On/Off button while bringing pump to patient room
- <u>Can begin programming while pump is finishing self test</u> (and opening and closing of doors)
- Load primed cassette. Once door has finished opening cycle (listen), can press Load/Eject button to close the door more quickly (quicker than waiting the 6 seconds for it to automatically close)
- FYI…Pump calibrates with cassette each time the door has been opened and closed (to ensure accurate delivery)

STANDBY:
Please use with caution: *Pump will not alarm to remind you it's in standby for 24 hours.*
Alternative to Standby: You can pause the infusion for a blood draw by pressing the Stop key and then silence the callback alarm if you get it.

Symbiq Helpful Hints:

HOW TO CLEAR A PROGRAM OR TURN 'A' CHANNEL OFF:

- Stop infusion
- Press Basic (if it's a program under the basic tab you want to clear)
- Press Clear button, press Continue to finish clearing program

HOW TO CLEAR A PIGGYBACK PROGRAM AND RESUME PRIMARY INFUSION:

- Stop Piggyback infusion
- Must clear piggyback program to resume basic infusion
- Press Piggyback tab
- Press Clear button, press Continue to finish clearing program
- Press Basic tab to get back to Basic program
- Press Start

***CHANGING A PROGRAM PARAMETER
IT IS IMPORTANT TO REMEMBER:

- If VTBI is changed, then delivery time will be changed
- If delivery time is changed, then VTBI will be changed
- The rate or dose will not change unless you access those fields and change them.
- Please look at Confirmation Screen parameters before starting an infusion.