

# Alaris® Pump module chamber blocked alarms



## What is it?

A pump chamber blocked alarm indicates an obstruction to the infusion tubing's lumen within the pumping segment.

## Why does it occur?

If the pumping segment tubing is held under fixed compression for a prolonged period of time, on occasion it will fuse closed. The effect is related to the amount of time the tubing spends in a compressed state.

## Pump chamber blocked alarms are most likely to occur:

- When primed tubing is loaded into the pump hours before the start of infusion, with the door left closed
- When tubing is left in the pump for hours after the end of infusion, with the door left closed
- When utilizing multi-dose or Delay option modes with significant delay periods

## Response to chamber blocked alarm:

- Close roller clamp and open door
- Remove tubing
- Massage tubing from top to bottom to restore flow
- Reload set and close door
- Press **NEXT** soft key
- Press **CONFIRM** soft key
- Open roller clamp and press **RESTART** key
- Verify flow in drip chamber after restarting infusion
- Change set if not able to establish flow

## Suggestions for prevention:

- Load tubing into the pump shortly before the start of infusion
- If the tubing has been loaded into the pump with the door closed for many hours it can be checked for possible occlusion prior to starting an infusion:
  - First, close the roller clamp
  - Open the pump's door
  - Remove and inspect the tubing, massaging it to open the lumen if necessary
  - Reload the tubing into the pump and close the door
  - Open the roller clamp and begin the infusion
  - Verify flow in drip chamber after starting the infusion
  - Change set if not able to establish flow
  - Remove tubing from pump after end of infusion