

Alaris® Pump module chamber blocked alarms

Why they happen, what to do, how to prevent



Alaris® System*

What is it?

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

Why does it occur?

If the pump 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.

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

Suggestions for prevention:

- Load tubing into the pump shortly before the start of infusion
- If the tubing has been closed in the pump 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
 - Re-load the tubing into the pump and close the door
 - Open the roller clamp and begin the infusion
 - Remove tubing from pump after end of infusion.

For further information contact:

Customer Advocacy 800.854.7128 Ext. 7812

e-mail: customerfeedback@cardinal.com

*The Alaris® System was previously known as the Medley® System.

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