

Workflow: Troubleshooting Downstream Occlusion Alarm

*The pump has met the programmed resistance limit

Downstream Occlusion*
Alarm Occurs

1. Ensure patency of the line between the pump and the tip of the IV access

- Open clamps
- Kinked tubing
- 1 ASV in place between bag and patient
- Other physical obstructions
- **Assess IV access site as per facility protocol and restart the infusion**

Alarm
Reoccurs

No

Yes

2. Repeat Step 1 and consider adjusting the pressure to alarm limit in the options menu. Increase by 1 increment at a time & reassess resistance after starting infusion.

Alarm
Reoccurs

No

Yes

3. Repeat steps 1 and 2 and open the door of the pump to visualize that the tubing is properly loaded, restart the infusion.

Alarm
Reoccurs

No

Yes

4. Change the pump

Alarm
Reoccurs

No

Yes

If the problem is resolved due to changing the pump, fill out a Technical Service Request and send the pump to biomedical for investigation. Also fill out a Safety Event Report and a Product Complaint Form. Ensure detailed information of the event are recorded:

- Date & time
- Medication being infused & rate of infusion,
- LOT number & REF number of tubing, tubing packaging, if possible,
- Pump serial number
- Details surrounding the event

5. The resistance is most likely caused by the IV access site or a positional IV access, consider investigating and mitigating IV access.

End