

Workflow: Troubleshooting Air in Line Alarm

*You will not see the air in the tubing as it is behind the door of the pump

Air in Line* Alarm Occurs

1. Use the automatic prime function (1200ml/hr) to advance the air past the pump following on screen prompts. Ensure air is removed from line prior to restarting infusion – the method will be dependent on the tubing and the drug (i.e. use syringe method if a port is available immediately post pump).

Alarm Reoccurs

No

Yes

2. Repeat the automatic prime function to remove the air from the line, **if air bubbles were visibly removed**, restart the infusion

If no air bubbles were visibly removed:

Open the door of the pump, remove, and visualize the tubing, tap the tubing section that is loaded inside the pump and observe for bubbles.

- **If there are bubbles**, remove any visible bubbles as required. Reload the tubing ensuring it is properly loaded within the air sensor, restart the infusion.
- **If there are no visible bubbles**, use a 70% Isopropyl Alcohol pad, wipe the segment of the tubing between the silicone pump segment and the green anti-freeflow protection clamp, reinstall tubing into the pump and restart the infusion.

Alarm Reoccurs

No

Yes

3. Replace the tubing

Alarm Reoccurs

No

Yes

4. Repeat Steps 1 to 3

Alarm Reoccurs

No

Yes

5. Replace the pump

End

Fill out a Product Complaint Form and send the tubing (if possible) with the form for investigation. 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

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 on the forms:

- 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