Humidifier Troubleshooting Flow Chart

IMPORTANT! Always attend to your child's needs *BEFORE* responding to an equipment alarm.

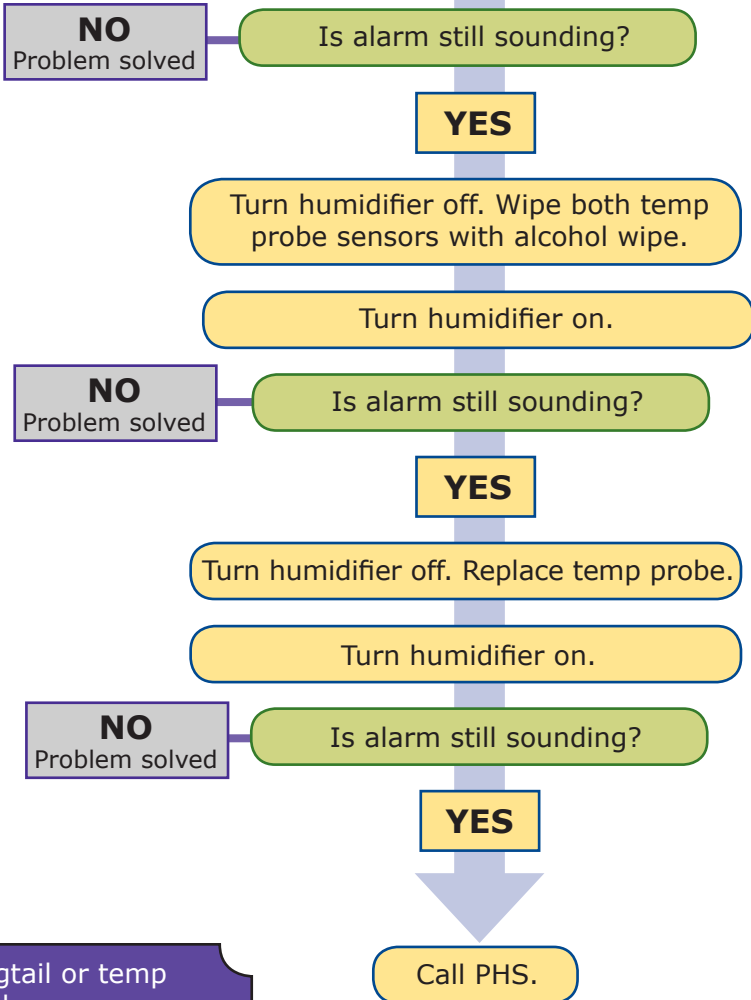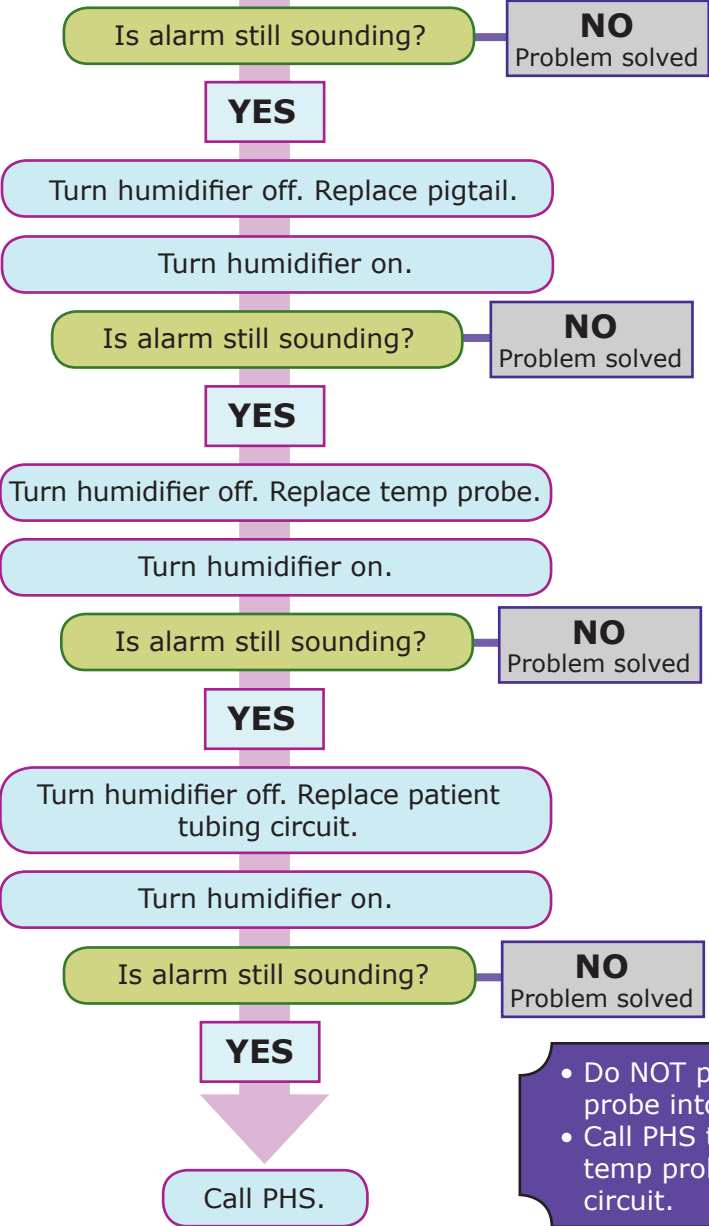## Alarm sounds and red light next to following word flashes on humidifier:

Left branch

- **Connectors**
- **Heater wire**

Make sure
- Temp probe is firmly connected to humidifier AND both temp probe ports on patient tubing circuit.
- Pigtail is firmly connected to humidifier AND patient tubing circuit.
- Green light above Heater Wire button is on. *If green light is not on*, push and hold Heater Wire button until green light comes on.

Is alarm still sounding? → **NO** Problem solved

YES

Turn humidifier off. Replace pigtail.

Turn humidifier on.

Is alarm still sounding? → **NO** Problem solved

YES

Turn humidifier off. Replace temp probe.

Turn humidifier on.

Is alarm still sounding? → **NO** Problem solved

YES

Turn humidifier off. Replace patient tubing circuit.

Turn humidifier on.

Is alarm still sounding? → **NO** Problem solved

YES

Call PHS.

- Do NOT put pigtail or temp probe into trash.
- Call PHS to order new pigtail, temp probe, or patient tubing circuit.

Right branch

- **Temperature**
- **Temp probe**
- **Chamber temp high or low**
- **Airway temp high or low**

Make sure
- There is water in water chamber.
- Air is flowing through patient tubing circuit. *If there is no air flowing through patient tubing circuit*, check that compressor or vent is turned on.
- Temp probe is firmly connected to humidifier AND both temp probe ports on patient tubing circuit.

NO Problem solved ← Is alarm still sounding?

YES

Turn humidifier off. Wipe both temp probe sensors with alcohol wipe.

Turn humidifier on.

NO Problem solved ← Is alarm still sounding?

YES

Turn humidifier off. Replace temp probe.

Turn humidifier on.

NO Problem solved ← Is alarm still sounding?

YES

Call PHS.