

NONIN OXIMETER TROUBLESHOOTING

8600

- 1) Unit will not turn on:
 - a) Verify power supply is plugged in and green indicator light is lit up on display.
 - b) Verify low battery indicator is NOT lit on display.
 - c) Check that the battery pack is properly connected to device.
- 2) Numeric displays are blinking at once per second.
 - a) Verify SpO2 and pulse rate alarms are set correctly.
 - b) Patient may need medical attention.
- 3) Displayed pulse rate does not correlate to pulse rate displayed on ECG monitor.
 - a) Possible cause is motion artifact. Eliminate artifact or reposition sensor to new site where motion is not present.
 - b) Patient may have an arrhythmia. Condition may persist even though both monitors are functioning properly if patients arrhythmia persists.
 - c) Non-NONIN sensor being used.
 - d) ECG monitor may not be functioning properly. Replace ECG monitor or refer to operators manual.
- 4) Erratic ♥ display and/or yellow perfusion indicator during concurrent use of **electrosurgical equipment (ESU)**.
 - a) Move oximeter, cables, and sensor as far away from ESU as possible or refer to the ESU operator's manual.
- 5) Perfusion is blinking yellow with each pulse.
 - a) Reposition sensor or select alternate sensor site.
- 6) Segments of SpO2 or ♥display are missing.
 - a) Defective LED displays Displayed values may not be reliable; discontinue use of 8600.
- 7) Perfusion indicator is blinking red and SpO2 and ♥ displays show dashes.
 - a) Reposition sensor or select alternate sensor site.
 - b) Eliminate or reduce cause of motion artifact or reposition sensor to sensor site where motion is not present.
- 8) Unable to obtain green perfusion.
 - a) Reapply sensor, select alternate sensor site, or remove restrictive material from sensor site.
 - b) Reduce ambient light / Reduce patient motion / Remove fingernail polish.
 - c) Reduce or eliminate interference from
 - Arterial catheter
 - Blood pressure cuff
 - Electrosurgical procedure
 - Infusion line
- 9) Alarm going continuously but SpO2 and pulse rate are within alarm limits.
 - a) Internal circuitry watchdog failed Reset 8600 by turning the unit OFF, wait a few seconds, and turn the unit ON.

If any of these solutions do not correct the problem with your 8600, please contact NONIN Technical Service at (800) 356-8874 or (763) 553-9968.