

## Common Home Sleep Study Troubleshooting Solutions

### 1) Belts

- a. Check connections (2 cables for each belt) - see Numbers 10 and 11 in the Home Sleep Study guide
- b. Make sure that they are fitting snug - see Numbers 1 and 2 in the Home Sleep Study guide
- c. **If only one of the belts is working, it is okay to continue the study**

### 2) Pulse Oximeter (finger probe)

- a. Verify that the probe is on one of the three middle fingers, do not place on the pinky or the thumb
- b. Verify that the fingertip does not extend past the end of the gray piece – see Number 18 in the Home Sleep Study guide
- c. The wire should run along the top of the hand
- d. Possible causes of a bad signal
  - i. Nail polish may need to be removed
  - ii. If hands are cold, remove probe and run hands under warm water before reapplying the probe
  - iii. Verify that the black end of the cable is plugged into the black port on the device
- e. Occasionally, the probe will continue to blink due to movement. Once asleep, the blinking will typically stop. **If it does not, it is okay to continue the study**

### 3) Nasal Cannulas

- a. **White Thermistor**- see Numbers 13 and 14 in the Home Sleep Study guide
- b. **Blue Cannula**- see Numbers 15, 16, and 17 in the Home Sleep Study guide

### 4) Memory (SD) card blinking on bottom of the display

- a. Card may be dislodged
  - i. Turn off device and remove the battery cover. If the SD card has dislodged, push to click into place.
  - ii. Power the unit back on