**Plano Independent School District**

**School Health**

**Possible Problem List for Pulse Oximetry**

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| **Observation** | **Reason/Action** |
| Low oxygen saturation readings but student has no signs of respiratory distress. | Check:* Correlation between pulse rate and oximeter pulse reading. If they differ, reposition probe.
* Capillary refill. If circulation decreased, choose different site for probe.
* Light source on probe.
* If limb is being moved during reading, may need to switch to another site.
* For hypothermia. If extremity is cold, move sensor or warm extremity.
* Lighting in the room. Bright direct lighting or bright sunlight can affect readings.
* Sensor site for sweating, nail polish.
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| Low oxygen saturation readings and students has signs of respiratory distress | Follow guidelines per students IHP. If distress persists, notify parents. If student does not have an IHP, follow Plano ISD guidelines for pulse oximetry. |
| No reading on oximeter | Check:* Sensor is securely aligned.
* Wires are intact and securely fastened.
* Sensor has appropriate battery.
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