**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. |
| 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. |