

Hypoxemia Management

Manifestations

Pulse Oximetry

- Low readings

ABGs

- Low PaO₂

Cutaneous

- Cyanosis

Late Signs

- Tachycardia/Hypertension
- Bradycardia/Hypotension LOC
- Dysrhythmias
- Myocardial Ischemia
- Cardiac Arrest

Immediate Actions

- Increase FiO₂ to 100%
- Verify Adequacy of Ventilation
 - Check for End Tidal CO₂
 - Check Tidal Volume
 - Check breath sounds
- Assess pulmonary compliance
- Administer several large tidal volumes
- Inform Surgeon(s)
- Treat Pneumothorax if present
- Treat Bronchospasm if present
- Assess other etiologies
 - Atelectasis
 - Aspiration
 - Shunting
 - Pulmonary Emboli