

- Oxygen saturation
- EtCO<sub>2</sub>/waveform shape
- Use of accessory muscles
- Breath sounds and quality
- Mental status
- Response to interventions

### **Performance Measures**

- Use of pulse oximetry and capnography for patients with moderate-severe respiratory distress (RR greater than age-appropriate normal, SPO<sub>2</sub> less than 90%)
- Percentage of patients with abnormal pulse oximetry, respiratory rate, EtCO<sub>2</sub> value with normalization on final set of vital signs
- Time to administration of oxygen in hypoxic patients
- Time to bronchodilator administration in patients with wheezing
- Percentage of asthma/COPD patients receiving steroids and bronchodilators
- Time to improved SPO<sub>2</sub> and/or decreased respiratory rate
- Normalizing change in vital signs (pulse, blood pressure, respiratory rate, neurologic status assessment) temperature, O<sub>2</sub> saturation, and capnography values with treatment
- Time to initiation of non-invasive positive pressure ventilation
- Number of CPAP/BiPAP patients who require intubation
- Documentation of blood pressure reassessment in patients receiving nitrates

### **References**

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