

1. EPA Title	Manage the use of supplemental respiratory equipment such as oxygen, ventilators, and airway clearance devices.
2. Description of the activity	<p>Care of the patient with chronic respiratory illnesses requires the pulmonologist to understand the indications for, complications of, contraindications to and appropriate follow up for the use of respiratory durable medical equipment. This includes but is not limited to supplemental oxygen, invasive and non invasive ventilators, inhalational devices and airway clearance devices. The pulmonologist should be able to manage this equipment in the inpatient and outpatient settings. Overseeing use of this equipment requires coordination and collaboration among other health care professionals (home health nurses, respiratory therapists, etc) , home health and insurance companies.</p> <p>The functions required of this activity include:</p> <ul style="list-style-type: none"> - Select the appropriate oxygen delivery device, flow, and fraction of inspired oxygen according to patient needs. - Distinguish the indications of different interfaces, settings, and modes in various models of invasive and noninvasive ventilator support - Interpretation of testing that assesses ventilation and oxygenation status; such as physical exam, blood gas, pressure and volume ventilator readings, pulse oximetry and polysomnography. - Select appropriate airway clearance devices to improve mucociliary clearance. - Assess and document ongoing need for supplemental respiratory equipment and develop weaning plans when appropriate. - Communicate and coordinate care with health care professionals, home health, and insurance personnel.
3. Link with Competencies	<input checked="" type="checkbox"/> Patient Care <input checked="" type="checkbox"/> Medical Knowledge <input checked="" type="checkbox"/> Practice-Based learning and Improvement <input checked="" type="checkbox"/> Interpersonal & Communication Skills <input type="checkbox"/> Professionalism <input checked="" type="checkbox"/> Systems-Based Practice <input type="checkbox"/> Personal & Professional Development
4. Critical Sub-competencies	