

COVID-19 Pulmonary and Ventilator Care

Micro-Credential Test Plan

This exam is based on the free course “COVID-19 Pulmonary, ARDS and Ventilator Resources.” Only content covered in the course is included in the exam.

I. Patient Problems (Etiology and Presentation) – 34%

- Respiratory failure
- Acid base disorder
- Adult respiratory distress syndrome (ARDS*)
 - *Treatment modalities are not covered in this exam.
- Cardiovascular complications
- Other pulmonary complications
- Multisystem complications
- Gastrointestinal complications

Therapeutic Interventions and Modalities – 34%

- Supplemental oxygen devices
- Positive pressure devices (CPAP/BiPAP)
- Invasive ventilation access (ETT/Trach)
- Mechanical ventilation and management
- Weaning and extubation from mechanical ventilation
- Pain management
- Agitation management
- Sedation management
- Neuromuscular blockade management
- Positioning

III. Monitoring and Safety – 33%

- Cardiopulmonary monitoring
- Diagnostic testing
- ABG interpretation
- Spontaneous awakening trials (SATs*)/Spontaneous breathing trials (SBTs)
- Pain, sedation and paralytic assessment
- Airway maintenance
- Airway obstruction
- Post-intubation priorities
- Emergent reintubation/decannulation preparation
- Alarm detection and management

Disclaimer: Successful completion of this exam does not increase your scope of practice.