



Respiratory Therapist Exam Outline

This Exam Outline was developed to help you prepare for the knowledge exam.

This Exam Outline is not meant to cover all aspects of the knowledge exam, but to guide your preparation for questions that may occur in the knowledge exam.

Review:

- Suctioning techniques, indications, contraindications, complications
- Ventilator modes, settings, alarm management
- Ventilator setting changes for all ventilator modes
- Weaning parameters and management
- Common diagnostic tests for specific diagnoses, indications, contraindications
- Radiographic imaging exam
- Airway management with assistive devices
- COPD recognition and management techniques
- Blood gas components and analysis
- Airway pressure management
- Common airway medications, indications, contraindications, doses, complications, adverse effects
- Oxygen providing devices, indication, contraindications, management, delivery systems, oxygen percentage delivery
- Muscle relaxed patient management
- Sputum induction and collection techniques
- Use of carbon dioxide detectors
- ETT cuff pressure management
- Pulmonary anatomy and physiology
- Define
 - Glottic edema
 - Dystonia
 - Inspiratory stridor
 - Kussmaul's respirations
 - Orthopnea
 - Dynamic lung compliance
 - Static lung compliance
 - Inspiratory hold/pause maneuver