

STUDY POINTS

Thoracorespiratory Module

MyEMCert study points can be used to focus areas of study and preparation. The study point does not contain specific information that would lead you to the diagnosis or correct answer but would instead direct you to learning and reference materials.

Thoracorespiratory Study Points

Cardiac

- Clinical evaluation of a cardiac chief complaint
- Diagnostic evaluation of sinus tachycardia
- Treatment of sinus tachycardia
- Diagnosis of supraventricular tachyarrhythmias
- Treatment of supraventricular tachyarrhythmias
- Treatment of torsade de pointes
- Diagnostic evaluation of potential pacer malfunction
- Treatment of new onset unstable atrial fibrillation with rapid ventricular response
- Treatment of the patient with bradycardia
- Treatment for acute myocardial infarction
- Management of dysrhythmias
- Recognition and management of AV blocks on electrocardiogram
- Diagnostic evaluation of a pericardial effusion (including tamponade)
- Treatment of a pericardial effusion (including tamponade)

Pediatric

- Emergent treatment for pediatric congenital cardiac disease

Toxicological Considerations

- Recognize toxin-induced ECG findings
- Treatment of toxin-induced tachycardia
- Management of toxic effects of cardiovascular drugs
- Treatment of hydrocarbon inhalation
- Recognition and diagnosis of methemoglobinemia
- Management of acute methemoglobinemia
- Recognition of the adverse effects of commonly prescribed medications
- Management of complications of anticoagulation
- Causes of an unknown ingestion and coma
- Recognize and treat complications from an iron overdose
- Management of a suspected opioid overdose
- Diagnostic approach to an unknown ingestion and coma
- Management of alcohol withdrawal in pregnant patients

Pediatric

- Management of button battery ingestion
- Management of pediatric ingestion
- Management of pediatric button battery ingestion
- Management of pediatric hydrocarbon ingestion
- Disposition of pediatric hydrocarbon ingestion

Upper Airway

- Basic and advanced management of hemorrhage from tracheostomy site
- Life-saving management for uncontrolled tracheostomy hemorrhage

Pediatric

- Treatment of pediatric croup
- Evaluation and treatment of a child with upper airway obstruction from a foreign body
- Evaluation and treatment a child with upper airway foreign body aspiration

Pulmonary

- Treatment of an acute exacerbation of adult asthma
- Evaluation of chest pain in an asthma patient
- Treatment of COPD exacerbations
- Evaluation of acute hypoxia
- Treatment of acute hypoxia
- Causes of hemoptysis
- Treatment of adult hemoptysis
- Treatment of massive hemoptysis
- Disposition of stable hemoptysis
- Treatment of a pneumothorax
- Treatment of an acute tension pneumothorax
- Evaluation and treatment of a new pleural effusion

Pediatric

- Management of newborn with inadequate spontaneous respirations

Thromboembolic

- Recognize ECG findings in acute pulmonary embolism
- Evaluation of suspected pulmonary embolism
- Recognize physical exam findings of acute pulmonary embolism
- Evaluate, diagnose, and treat acute pulmonary embolism
- Treatment and therapeutic priorities for massive pulmonary embolism

Chest Wall

- Treatment of adult varicella
- Treatment of post-herpetic neuralgia

Gastrointestinal

- Diagnostic evaluation of upper GI bleed
- Treatment of acute upper GI bleed
- Causes of hematemesis
- Treatment of variceal bleeding
- Treatment of NSAID-induced peptic ulcer
- Treatment of candida esophagitis
- Causes of dysphagia

Airway and Ventilation

- Diagnostic evaluation for procedural sedation risks and complications
- Treatment with noninvasive techniques for oxygenation in the morbidly obese
- Ventilator management of severe asthma

Trauma

- Treatment of penetrating chest trauma
- Disposition of sternal fracture

Miscellaneous

- Disposition of syncope
- Treatment of acute aortic dissection
- Treatment of hypothermia
- Risk factors for injury in morbidly obese
- Treatment of pneumomediastinum

Pediatric

- Evaluation of first Brief Resolved Unexplained Event (BRUE)
- Evaluation of syncope in children