

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

- Diagnostic evaluation of a cardiac chief complaint, including chest pain
- Diagnostic evaluation (including testing priorities) and treatment of chest pain
- Disposition in low-risk chest pain
- Differential diagnosis for non-cardiac chest pain
- Treatment of dysrhythmias
- Diagnostic evaluation and treatment of sinus tachycardia
- Recognition and treatment of supraventricular tachyarrhythmias
- Treatment of wide complex tachycardias, including torsade de pointes
- Treatment of unstable cardiac dysrhythmias
- Treatment of atrial fibrillation, including new onset unstable atrial fibrillation with rapid ventricular response
- Treatment for acute myocardial infarction
- Recognition and diagnostic evaluation of congestive heart failure/pulmonary edema
- Diagnostic evaluation and treatment of a pericardial effusion (including tamponade)
- Cardiac complications of eating disorders

Toxicologic Considerations

- Treatment of complications of anticoagulation
- Treatment of hydrocarbon inhalation
- Recognition and treatment of acute methemoglobinemia

Pediatric

- Treatment of pediatric ingestion
- Imaging considerations with a foreign body ingestion
- Treatment of button battery ingestion

Upper Airway

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

Pediatric

- Treatment of croup
- Diagnostic evaluation and treatment of a child with upper airway obstruction (partial or complete) from a foreign body

Pulmonary

- Diagnostic evaluation of new onset wheezing
- Treatment of an acute exacerbation of adult asthma
- Diagnostic evaluation of chest pain in an asthma patient
- Treatment of a COPD exacerbation
- Diagnostic evaluation and treatment of acute hypoxia
- Treatment of pulmonary infections
- Diagnostic evaluation and treatment of a pneumothorax, including an acute tension pneumothorax
- Causes of hemoptysis
- Treatment of adult hemoptysis, including massive hemoptysis
- Disposition of stable hemoptysis
- Diagnostic evaluation of dyspnea in neuromuscular disease
- Treatment of a malignant pleural effusion

Thromboembolic

- Recognize ECG findings in acute pulmonary embolism
- Diagnostic evaluation of suspected pulmonary embolism
- Recognize physical exam findings of acute pulmonary embolism
- Diagnostic evaluation, recognition, and treatment of acute pulmonary embolism
- Treatment and therapeutic priorities for massive pulmonary embolism

Chest Wall

- Treatment of adult varicella
- Treatment of post-herpetic neuralgia
- Treatment of rib fractures
- Risk factors for cough-induced rib fractures

Gastrointestinal

- Treatment of candida esophagitis
- Diagnostic evaluation of ruptured esophagus

Airway and Ventilation

- Treatment with noninvasive techniques for oxygenation in the morbidly obese

Miscellaneous

- Treatment of anaphylaxis
- Treatment of acute aortic dissection
- Treatment of pneumomediastinum
- Differential diagnosis of pneumomediastinum

Pediatric

- Treatment of sickle cell crisis
- Treatment of sickle cell acute chest syndrome
- Diagnostic evaluation of first Brief Resolved Unexplained Event (BRUE)
- Recognition, diagnostic evaluation, and treatment of obstructive hypertrophic cardiomyopathy

May 2024