

October 10, 2017 AHD Objectives

COPD

1. Define COPD based on pathophysiology and spirometry.
2. Describe the different stages of COPD severity by Gold criteria.
3. Know the recommended treatment for each stage of COPD severity.
4. Describe the diagnosis and management strategy of COPD exacerbation.

Sepsis

1. Describe the SEPSIS-3 Sepsis definitions and be able to use qsofa to identify patients at risk for higher mortality.
2. Describe the differences between Sepsis and Septic Shock.
3. Describe the hemodynamic parameter changes which separate sepsis from other types of shock including the cardiac output/index, SVR, and wedge pressures.
4. List the elements of the “Sepsis Bundle” and the time sensitive deadlines for their use.
5. Describe the correct type and amount of intravenous fluids to use in Sepsis and how to determine fluid responsiveness.
6. Understand how to correctly document the different types of sepsis and what elements are necessary for appropriate billing.

Pulmonary Hypertension:

1. Define pulmonary hypertension. Describe the clinical signs and symptoms, EKG findings, chest x-ray findings, and know the five categories of pulmonary hypertension.
2. Describe the tests used to make the diagnosis of PAH and the appropriate work up to order in the evaluation of a patient with a new diagnosis of PAH.
3. Discuss the importance of a right heart catheterization in the evaluation of PAH.
4. Discuss the best test to determine the severity of PAH and to estimate prognosis.
5. Describe the standard treatments for PAH including the endothelin receptor antagonists, the prostacyclins, and the phosphodiesterase type 5 inhibitors and their side effects.