OBJECTIVES

**Nov 3**

**CAP/HAP**

1. Understand the proper use of scoring systems to determine severity of pneumonia and its initial

empiric treatment and setting of care. (PSI score, CURB-65, and SMART-COP).

1. What are the most common pathogens responsible for CAP? Among patients presenting with CAP, who requires additional testing for the specific infection-causing pathogen?

3.   List appropriate antibiotic regimens for CAP and recall duration of therapy.

4.   Identify risk factors for CAP with drug resistant pathogens and describe their management.

**Pulmonary Embolism**

1. Recognize the risk factors for venous thromboembolism and the signs of symptoms of the disease.
2. Know ***both*** the PERC score (Pulmonary Embolism Rule-Out Criteria) and the Well’s Score to develop a pre-test probability of your patient having a pulmonary embolism.
3. Know the indications for CT angiography and VQ scans for the diagnosis of PE. Know the preferred imaging test to order in a pregnant woman.
4. Determine the severity of a PE based on hemodynamic parameters, biomarkers (troponin and BNP) and echocardiogram findings. Know the appropriate treatment for patients with massive PE.
5. Determine the treatment options for patients with non-massive PE. Know who should be treated prior to making the diagnosis.

**Pulmonary Hypertension**

* + - 1. Define the clinical manifestations 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. Describe the standard treatments for PAH including the endothelin receptor antagonists, the prostacyclins, and the phosphodiesterase type 5 inhibitors and their side effects.