

## New Therapies in Asthma

1. Evaluate interventions based on the etiologies, status, and control of asthma.
2. Develop and justify optimal therapeutic regimens based on the underlying pathophysiology of asthma and current evidence.
3. Devise an asthma education care plan for a patient or family member(s).
4. Demonstrate an understanding of pharmacogenomic testing and how results influence treatment decisions in patients with asthma
5. Demonstrate an understanding of emerging therapies in the treatment of asthma and judge when they would be applicable in patient care
6. Display insight into technological advances in asthma care and recommend them to patients when appropriate.

## Chronic Obstructive Pulmonary Disease

1. Analyze key findings regarding the current epidemiology of chronic obstructive pulmonary disease (COPD) in the United States.
2. Construct a treatment approach that can help prevent or slow the progression of COPD.
3. Apply spirometric data, clinical history, and measures of impairment to stage COPD based on Global Initiative for Chronic Obstructive Lung Disease (GOLD) criteria.
4. Develop and/or assess a maintenance medication regimen based on the 2011 GOLD guidelines and current literature.
5. Evaluate an appropriate a drug regimen based on the presence of common comorbidities in the patient with COPD.
6. Select and recommend proper inhalational therapies based on considerations in the patient with COPD.

## Acute Otitis Media and Acute Rhinosinusitis

1. Recommend appropriate nonantibiotic therapy for patients with acute otitis media and acute bacterial rhinosinusitis.

2. Assess the utility of antibiotic therapy based on diagnostic strategies and limitations of diagnostic strategies for patients with acute otitis media and acute bacterial rhinosinusitis.
3. Develop antimicrobial treatment regimens for patients with acute otitis media and acute bacterial rhinosinusitis.
4. Assess a patient's response to therapy and develop a therapeutic plan for patients who need additional interventions.
5. Devise strategies to enhance communication between patients and health care providers to ensure appropriate pharmaceutical care of acute otitis media and acute bacterial rhinosinusitis.

## Pulmonary Arterial Hypertension

1. Critically evaluate and interpret clinical trials for pharmacologic therapies in pulmonary arterial hypertension (PAH).
2. Assess symptoms and assign appropriate functional class.
3. Evaluate the results of acute vasodilator testing.
4. Develop optimal pharmacologic therapy based on functional class and current available evidence.
5. Justify appropriate supportive care measures for patients with PAH.
6. Demonstrate an understanding of the restricted drug distribution systems for selected PAH therapies.
7. Develop a patient-specific monitoring plan for each of the pharmacologic therapies used in the treatment of PAH.