

**ACSAP 2022 Book 1 (*Pulmonary Care*)**

**Release date: March 15, 2022**

**BCACP test deadline: 11:59 p.m. (Central) on September 15, 2022.**

**ACPE test deadline: 11:59 p.m. (Central) on March 15, 2025.**



**Continuing Pharmacy Education Credit:** The American College of Clinical Pharmacy

and the American Society of Health-System Pharmacists are accredited by the Accreditation Council for Pharmacy Education (ACPE) as providers of continuing pharmacy education (CPE).

**ACSAP Target Audience:** The target audience for ACSAP 2022 Book 1 (*Pulmonary Care*) is board-certified and advanced level ambulatory care clinical pharmacists who provide care for patients with pulmonary disorders.

**Module 1 (4.0 CPE) Pulmonary Care I**

**UAN:** 0217-9999-22-019-H01-P

**Chapter: Asthma Guideline Updates**

**Learning Objectives**

1. Analyze spirometry to determine the diagnosis and severity of asthma.
2. Classify patient symptoms to help guide the intensification of drug therapy.
3. Assess the differences in therapeutic recommendations between the GINA 2021 guidelines and the NHLBI 2020 Focused Update.
4. Design an initial therapeutic regimen consistent with the current treatment guidelines for asthma, and revise as appropriate according to therapeutic response.
5. Evaluate a patient's asthma therapy to maximize outcomes, and justify adjunctive therapy and modifications according to the needs, skill level, and preferences of the patient.

**Chapter: Immunization Updates**

**Learning Objectives**

1. Analyze updated CDC Advisory Committee on Immunization Practices (ACIP) vaccine recommendations for immunization schedules.
2. Apply ACIP recommendations to determine appropriate immunizations for patients based on age, health conditions, vaccine contraindications/precautions, and potential vaccine-drug interactions.
3. Distinguish between the clinical and technological characteristics of currently available coronavirus disease 2019 vaccines and those in varying stages of development.
4. Assess methods by which pharmacists can help overcome immunization challenges within the community.

## **Module 2 (5.0 CPE) Pulmonary Care II**

UAN: 0217-9999-22-020-H01-P

### **Chapter: Implementation of Immunization Services**

#### **Learning Objectives**

1. Assess challenges in meeting vaccination goals and evaluate the current practice setting to determine whether implementing a new immunization service could be a potential opportunity.
2. Apply the essential elements to design a new immunization service for a mass immunization clinic.
3. Evaluate what additional resources will be needed by the site to successfully implement a new immunization service.
4. Analyze various available resources to determine what barriers exist in developing a new immunization service and what state-specific regulations exist.
5. Develop a marketing strategy to promote services to both the public and to other providers.
6. Evaluate how to measure success for an established service, as well as the different types of services available to pharmacists.

### **Chapter: COPD Guideline Updates**

#### **Learning Objectives**

1. Distinguish the differences between guideline approach and recommendations of the leading chronic obstructive pulmonary disease (COPD) guidelines.
2. Assess the use of biomarkers in the management of stable and acute exacerbation of COPD.
3. Design a pharmacologic treatment regimen that incorporates updated evidence-based COPD guidelines and patient-specific characteristics.
4. Evaluate factors that affect the assessment and management of patients with COPD at risk of or diagnosed with coronavirus disease 2019.
5. Assess the interventions that optimize the inhaled delivery of pharmacologic therapy in patients with COPD.

### **Chapter: Upper Respiratory Tract Infections and Antimicrobial Stewardship**

#### **Learning Objectives**

1. Assess appropriateness of therapy to limit antimicrobial resistance and improve patient outcomes related to upper respiratory tract infections (URIs).
2. Design appropriate pharmacologic treatment regimens for various patient populations with sinusitis, pharyngitis, influenza, coronavirus disease 2019, and otitis media.
3. Evaluate the role of nonpharmacologic therapies for viral URIs.
4. Justify the need for antimicrobial stewardship in the ambulatory care setting.
5. Devise strategies for the pharmacist's role to improve antimicrobial stewardship in the ambulatory care setting.

### **Module 3 (3.5 CPE) Pulmonary Care III**

UAN: 0217-9999-22-021-H01-P

#### **Interactive Case: Asthma-COPD Overlap**

##### **Learning Objectives**

1. Distinguish asthma-COPD overlap (ACO) from other chronic pulmonary diseases, including an assessment of pathophysiology, signs and symptoms, and laboratory results.
2. Analyze clinical practice guidelines for similarities and differences in defining, diagnosing, and treating ACO.
3. Design pharmacotherapy plans for patients with ACO.
4. Judge the research design and biostatistic techniques used within clinical studies evaluating medications to treat ACO.

#### **Interactive Case: Use of Monoclonal Antibodies for Severe Asthma**

##### **Learning Objectives**

1. Distinguish phenotypes and other contributors to severe asthma.
2. Assess the differences in monoclonal antibody therapies for severe asthma.
3. Analyze factors that aid in selecting specific treatments for severe asthma.
4. Design a treatment plan on the basis of a patient's response to monoclonal antibody therapy.