

**Materials for this course will release 07/15/2022**

---

**Ambulatory Care Self-Assessment Program (ACSAP) Book 2: Infectious Diseases in Ambulatory Care (Cert # L229294)**

**Teaser:** This Self-Assessment Program series provides Ambulatory Care pharmacists with pertinent therapeutic updates to enhance their practice skills and improve patient outcomes.

**Tag:** Certifications; Ambulatory Care



**ACPE Numbers:** Various – see listing below

**Pre-Sale Date:** 06/15/2022

**Release Date:** 07/15/2022

**Expiration Dates:** 01/17/2023

**Activity Type:** Application-based

**CE Credits:** TBD contact hours (BPS and ACPE)

**Activity Fee:** \$80 (ASHP member); \$120 (non-member)

**Accreditation for Pharmacists**



The American College of Clinical Pharmacy and American Society of Health-System Pharmacists are accredited by the Accreditation Council for Pharmacy Education as providers of continuing pharmacy education.

**Target Audience**

The target audience for Ambulatory Care Self-Assessment Program (ACSAP) Book 2: Infectious Diseases in Ambulatory Care is board-certified and advanced level ambulatory care clinical pharmacists.

**Activity Overview**

This course is intended for board certified pharmacists in need of recertification credit and is designed based on the content outline developed by Board of Pharmacy Specialties (BPS). The course consists of 4 learning modules (see table below) and provides up to TBD hours of continuing pharmacy education and/or recertification credit.

Learners will be required to review the content and complete the associated online assessments. The learner must be able to correctly answer the questions based upon their interpretation of the content, as well as “baseline specialty specific knowledge and/or easily retrievable information.” For purposes of this course, “baseline specialty specific knowledge and/or easily retrievable information” is defined as product labeling and well-established standards of practice in the specialty practice.

These activities are part of the ACCP and ASHP professional development program for BCACP recertification approved by the BPS.

**Recertification Credit\***

Board certified pharmacists are eligible to receive up to TBD contact hours of recertification credit for completing this course. To earn recertification credit, learners must review the activity content and successfully complete the online assessments by the deadline. Only completed assessments will be eligible for credit; no partial or incomplete assessments will be processed. You are allowed only one attempt to successfully complete this assessment.

Materials for this course will release 07/15/2022

Learning Activity	ACPE Number	Credit Hours	*Assessment Pass Point
Infectious Diseases in Ambulatory Care I	TBD	TBD	TBD
Infectious Diseases in Ambulatory Care II	TBD	TBD	TBD
Infectious Diseases in Ambulatory Care III	TBD	TBD	TBD
Infectious Diseases in Ambulatory Care IV	TBD	TBD	TBD

**LEARNING OBJECTIVES**

**Infectious Diseases in Ambulatory Care I**

**ACPE Number: TBD**

**Chapter: Genitourinary Infections**

**Learning Objectives**

- Distinguish the differences between acute cystitis (AC) and pyelonephritis, as well as between uncomplicated and complicated UTIs.
- Evaluate the pharmacotherapy options used for UTIs and distinguish between appropriate and inappropriate use.
- Evaluate recommendations from available clinical practice guidelines related to UTIs.
- Analyze appropriate selection of empiric treatment options given increased antimicrobial resistance, particularly to the fluoroquinolones and trimethoprim/sulfamethoxazole.
- Design a pharmacotherapy treatment plan for patients with AC, pyelonephritis, catheter-associated UTIs, and prostatitis.

**Chapter: Sexually Transmitted Infections**

**Learning Objectives**

- Evaluate a patient’s risk of acquiring sexually transmitted infections (STIs), and provide patient-centered risk-prevention counseling.
- Assess a patient’s signs and symptoms to determine appropriate screening and diagnostic tests for STIs.
- Design optimal therapeutic regimens for the treatment of STIs.
- Devise appropriate monitoring plans to assess the efficacy of STI treatments.

**Infectious Diseases in Ambulatory Care II**

**ACPE Number: TBD**

**Chapter: HIV Pharmacotherapy for Adults**

**Learning Objectives**

- Develop a plan for the initial laboratory assessment for a patient newly diagnosed with HIV.
- Design a guideline-based antiretroviral (ARV) regimen on the basis of patient- and drug-specific characteristics.
- Assess ARV-specific pharmacokinetic and pharmacodynamic factors to distinguish potential meaningful drug interactions.
- Evaluate the efficacy of ARV and develop alternative antiretroviral therapy (ART) accordingly.
- Apply current guideline recommendations for appropriate initiation and discontinuation of opportunistic infection (primary) prophylaxis.

**Chapter: PrEP and PEP Pharmacotherapy for HIV**

**Learning Objectives**

- Assess clinical eligibility factors, barriers to use and possible mechanisms to promote uptake of pre-exposure prophylaxis (PrEP).
- Analyze data supporting PrEP in different patient populations.
- Develop a comprehensive PrEP treatment plan.
- Evaluate novel agents for use as PrEP.
- Distinguish HIV post-exposure prophylaxis (PEP) from PrEP.

Materials for this course will release 07/15/2022

---

### **Infectious Diseases in Ambulatory Care III**

**ACPE Number: TBD**

#### ***Chapter: Outpatient Parenteral and Complex Antimicrobial Therapy***

##### **Learning Objectives**

- Distinguish appropriate clinical situations for the use of outpatient parenteral antimicrobial therapy (OPAT) and evaluate drug- and patient-specific factors that might alter regimen selection and monitoring decisions.
- Evaluate potential alternatives to OPAT and design a treatment plan for people who inject drugs (PWID) or patients with barriers to standard of care.
- Assess the appropriate use of quality metrics in the evaluation of an OPAT program.
- Distinguish appropriate clinical situations for the use of complex oral antimicrobial therapy regimens through analysis of recent studies substantiating their efficacy.

#### ***Chapter: Antimicrobial Stewardship in Ambulatory Care***

##### **Learning Objectives**

- Devise an ambulatory antimicrobial stewardship goal that meets Joint Commission Standards.
- Apply an ambulatory antimicrobial stewardship method to a health care system scenario.
- Construct an ambulatory stewardship intervention for a common outpatient infectious disease.
- Distinguish between pediatric and adult ambulatory stewardship.
- Design outpatient parenteral therapy regimens that follow stewardship principles.
- Develop an antimicrobial stewardship activity for a community pharmacy.

### **Infectious Diseases in Ambulatory Care IV**

**ACPE Number: TBD**

#### ***Interactive Case: Infectious Diseases due to Immunosuppressive Therapies***

##### **Learning Objectives**

- Apply immunosuppressive therapy mechanisms of action to determine the risk of bacterial, fungal, and viral infections associated with immunosuppressive therapy use.
- Develop a laboratory screening plan for patients initiated on immunosuppressive therapy according to risk category.
- Devise an appropriate prophylactic, preemptive, or antimicrobial treatment regimen for patients receiving immunosuppressive therapy according to the results of laboratory diagnostic testing and risk factors.
- Distinguish which vaccinations are appropriate for patients initiated on immunosuppressive therapy.
- Construct a plan for immunosuppressive therapy discontinuation or dosage adjustment for patients with concomitant bacterial, viral, or fungal infections.

#### ***Interactive Case: Antimicrobial Pharmacokinetic and Pharmacodynamic Considerations***

##### **Learning Objectives**

- Assess pharmacokinetic (PK) and pharmacodynamic (PD) principles related to antimicrobials.
- Classify antimicrobials on the basis of specific absorption principles and routes of administration.
- Evaluate distribution considerations for various antimicrobials.
- Assess pertinent antimicrobial drug-drug, drug-food, and drug-disease interactions.
- Apply dosing and PK considerations for antimicrobials in patients with various degrees of renal impairment, including certain renal replacement therapy modalities.
- Develop therapeutic drug monitoring plans for specific antimicrobials on the basis of evidence-based principles.

**Materials for this course will release 07/15/2022**

---

### ***Interactive Case: Acute Bacterial Skin and Skin Structure Infections***

#### **Learning Objectives**

- Assess the differences in types of acute bacterial skin and skin structure infections (ABSSSIs) according to the manifestations of each infection's organism.
- Distinguish patients presenting with ABSSSIs who require an escalation in care on the basis of clinical presentation and patient characteristics.
- Design an empiric antimicrobial regimen, if indicated, for a patient on the basis of the clinical presentation of ABSSSI and anticipated pathogens involved.
- Assess drug-specific parameters to optimize both efficacy and safety of a given antimicrobial regimen for the treatment of an ABSSSI.
- Distinguish clinical scenarios in which prophylactic measures are appropriate to prevent an occurrence of ABSSSI.

#### **Disclosures**

In accordance with the Accreditation Council for Continuing Medical Education's Standards for Commercial Support and the Accreditation Council for Pharmacy Education's Standards for Commercial Support, the American Society of Health-System Pharmacists (ASHP) and the American College of Clinical Pharmacy (ACCP) require that all individuals involved in the development of activity content disclose their relevant financial relationships. A person has a relevant financial relationship if the individual or his or her spouse/partner has a financial relationship (e.g. employee, consultant, research grant recipient, speakers bureau, or stockholder) in any amount occurring in the last 12 months with a commercial interest whose products or services may be discussed in the educational activity content over which the individual has control. The existence of these relationships is provided for the information of participants and should not be assumed to have an adverse impact on the content.

All faculty and planners for ACCP and ASHP education activities are qualified and selected by ACCP and ASHP and required to disclose any relevant financial relationships with commercial interests. ACCP and ASHP identifies and resolves conflicts of interest prior to an individual's participation in development of content for an educational activity. Anyone who refuses to disclose relevant financial relationships must be disqualified from any involvement with a continuing pharmacy education activity.

Coming soon.

All other planners, presenters, reviewers, ACCP and ASHP staff and others with an opportunity to control content report no financial relationships relevant to this activity.

#### **Methods and CE Requirements**

Activities consist of educational materials, assessments, and activity evaluations. In order to receive continuing pharmacy education credit, learners must:

- Complete the attestation statement
- Review all content
- Complete and pass the assessments
- Complete the evaluations

Follow the prompts to claim, view, or print the statement of credit within 60 days after completing the activity.

#### **System Technical Requirements**

Courses and learning activities are delivered via your Web browser and Acrobat PDF. For all activities, you should have a basic comfort level using a computer and navigating web sites.

View the [minimum technical and system requirements](#) for learning activities.

#### **Development**

These activities were developed by ACCP and ASHP.

---