

**Materials for this course will release 11/23/2022**

---

**Pharmacotherapy Specialty Core Therapeutic Module Package for Recertification (Cert # L229274)**

**Teaser:** The Core Therapeutic Modules for Recertification Package consists of 5 activities on the topics of infectious diseases, FEN, neurologic disorders, and diabetes. In each activity, faculty review clinical topics and practice skills using a case-based approach.

**Tag:** Certifications; Pharmacotherapy

---



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

**Pre-Sale Date:** 10/26/2022

**Content Release Date:** 11/23/2022

**Expiration Date:** 11/21/2023

**Activity Type:** Application-based

**CE Credits:** 5 hours (Recertification and ACPE)

**Activity Fee:** \$100 (ASHP member); \$150 (non-member)

**Accreditation for Pharmacists**



The American Society of Health-System Pharmacists is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.

**Target Audience**

These activities are intended for Board Certified Pharmacotherapy Specialists in need of recertification credit.

**Activity Overview**

The Core Therapeutic Modules for Recertification Package consists of 5 activities (see table below). In each activity, faculty review clinical topics and practice skills using a case-based approach. This package is intended for board certified pharmacists in need of recertification credit; the activities were designed based on the content outline developed by the Board of Pharmacy Specialties (BPS).

Each activity is approved for 1.0 hours of continuing pharmacy education credit. Successful completion of all the learning modules will provide up to 5 hours of continuing pharmacy education credit.

**Recertification Credit\***

Board certified pharmacists are eligible to receive 5 hours of recertification credit for completing this module. To earn recertification credit, learners must review the activity content and successfully complete the online assessment 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.

Participants who pass the assessments will be eligible for recertification credit in the year in which the assessment was completed.

**Materials for this course will release 11/23/2022**

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

	ACPE Number	Contact Hours
Select Topics in Infectious Diseases: Part 1	0204-0000-22-615-H01-P	1
Select Topics in Infectious Diseases: Part 2	0204-0000-22-616-H01-P	1
Fluid, Electrolytes, and Nutrition	0204-0000-22-617-H01-P	1
Select Topics in Neurologic Disorders	0204-0000-22-618-H01-P	1
Diabetes	0204-0000-22-619-H01-P	1
<b>Recertification Assessment (TBD% passing score required)</b>		5.0 BPS

**Learning Objectives**

**Select Topics in Infectious Diseases: Part 1**

**ACPE#: 0204-0000-22-615-H01-P**

For the following infectious diseases: c.difficile infection, skin and soft tissue infections, upper respiratory tract infections, community acquired pneumonia

- Interpret laboratory and diagnostic tests.
- Formulate the most appropriate treatment, monitoring, and follow-up plans based on patient-specific information and current guidelines.
- Evaluate drug-related problems.

**Select Topics in Infectious Diseases: Part 2**

**ACPE#: 0204-0000-22-616-H01-P**

For the following infectious diseases: sexually transmitted diseases, urinary tract infections, endocarditis, meningitis

- Interpret laboratory and diagnostic tests.
- Formulate the most appropriate treatment, monitoring, and follow-up plans based on patient-specific information and current guidelines.
- Evaluate drug-related problems.

**Fluid, Electrolytes, and Nutrition**

**ACPE#: 0204-0000-22-617-H01-P**

- Interpret laboratory and diagnostic tests for fluid, electrolyte, and nutrition status.
- Recommend the most appropriate therapy and monitoring in patients with fluid, electrolyte, and nutritional disorders based on patient-specific information and current guidelines.
- Apply strategies to manage drug-related electrolyte interactions and nutrient interactions.

**Select Topics in Neurologic Disorders**

**ACPE#: 0204-0000-22-618-H01-P**

For patients with seizure disorders, Parkinson’s disease, headache and sleep disorders:

- Evaluate the risks and benefits of drug therapy considering other medication and patient specific factors.
- Formulate the most appropriate treatment, monitoring and follow-up plans based on patient-specific information and current guidelines.
- Evaluate drug-related problems.

**Materials for this course will release 11/23/2022**

---

### Diabetes

**ACPE#: 0204-0000-22-619-H01-P**

- Interpret diagnostic and/or laboratory tests in patients with diabetes.
- Formulate the most appropriate treatment, monitoring, and follow-up plans based on patient-specific information and current guidelines.
- Evaluate drug-related problems.

### FACULTY

**Lourdes Cross, PharmD, BCACP, CDCEs**

Assistant Professor  
Sullivan University College of Pharmacy & Health  
Sciences  
Clinical Pharmacy Specialist  
University of Louisville Hospital  
Louisville, Kentucky

**Krutika Mediwala Hornback, PharmD, BCPS, BCIDP**

Infectious Diseases/Antimicrobial Stewardship Clinical  
Pharmacy Specialist  
Medical University of South Carolina (MUSC) Health  
Infectious Diseases Pharmacy Residency Program  
Director  
MUSC Health  
Charleston, South Carolina

**Diana Solomon, PharmD, BCCCP**

Critical Care Clinical Pharmacy Specialist  
St. Joseph's Hospital and Medical Center  
Phoenix, AZ

**Trent G. Towne, PharmD, BCPS**

Associate Professor of Pharmacy Practice  
Manchester University College of Pharmacy  
Clinical Pharmacy Specialist, Infectious Disease  
Parkview Health System  
Fort Wayne, Indiana

**Jon Wietholter, PharmD, BCPS, FCCP**

Clinical Associate Professor  
West Virginia University School of Pharmacy  
Internal Medicine Clinical Specialist  
WVU Medicine Ruby Memorial Hospital  
Morgantown, West Virginia

### Content Matter Experts

**Christopher Betz, Pharm.D., BCPS, FKSH, FASHP**

Associate Professor, Clinical and Administrative Sciences  
Sullivan University College of Pharmacy  
Louisville, Kentucky

**Snehal H. Bhatt, Pharm.D., BCPS**

Associate Professor of Pharmacy Practice  
Massachusetts College of Pharmacy and Health Sciences  
Clinical Pharmacist  
Beth Israel Deaconess Medical Center  
Boston, Massachusetts

**Douglas Slain, Pharm.D., BCPS (AQ-ID), FCCP, FASHP**

Associate Professor and Infectious Diseases Clinical Specialist  
West Virginia University School of Pharmacy  
Morgantown, West Virginia

### Reviewers

Anna M. Jackson, Pharm.D., BCPS  
Tony Martin, Pharm.D., M.B.A.

**Materials for this course will release 11/23/2022**

---

### Field Testers

Shelbi Adams, PharmD, BCPS  
Rachel Malta, PharmD, BCPS  
Shaun Randa, PharmD, BCPS  
Hakeem Abayomi, BS, PharmD, BCPS, BCPPS, BCIDPS  
Brian LeBaron, PharmD, BCPS, ACHIP, FAMIA  
Casey Motto, PharmD, BCPS  
John Healey, PharmD, BCPS  
George Piasare, PharmD, BCPS  
Courtney Robertson, PharmD, BCPS, CLC  
Heather Petrie, PharmD, MBA, BCPS  
Ian Andrus, PharmD, MBA, BCPS  
Heather Schalk, PharmD, BCPS  
Jon Bachna, PharmD, MBA, BCPS  
Surafel Mulugeta, PharmD, MS, BCPS  
Maisie So, PharmD, BCPS  
Daphne Bernardin, PharmD  
Michael Barton, PharmD, BCPS, BCGP  
Mollie VanNatta, PharmD, BCPS, BCIDP  
Eric Kinney, PharmD, BCPS  
Sirisha Kandepi, PharmD, BCPS

Charles Maina, PharmD BCPS  
Julie Asmus, PharmD, BCPS  
Jessica Hagy, PharmD, BCPS  
Bridger Singer, PharmD, BCPS, BCCCP  
Leslie Wooten, PharmD, BCPS  
Craig Barr, PharmD, BCPS  
Carly McKenzie, PharmD, BCPS  
Joseph Rackson, PharmD, BCPS  
Christine Williams, PharmD, BCPS, BCOP  
Kristin Watson, PharmD, BCCP  
Vikki Huggins, PharmD, BCPS  
Seth Lilly, PharmD, BCPS  
Ann Chung, PharmD, BCPS  
Matthew Morrison, PharmD, BCPS  
Adrienne O'Brien, PharmD, BCPS  
Tara Breuer, RPh, BCPS, BCSCP  
Melanie Crass, PharmD, BCPS  
Tyler Vest, PharmD, MS, BCPS, BCSCP  
Joseph Volk, PharmD, BCPS

### Disclosures

In accordance with our accreditor's Standards of Integrity and Independence in Accredited Continuing Education, ASHP requires that all individuals in control of content disclose all financial relationships with ineligible companies. An individual has a relevant financial relationship if they have had a financial relationship with an ineligible company in any dollar amount in the past 24 months and the educational content that the individual controls is related to the business lines or products of the ineligible company.

An ineligible company is any entity producing, marketing, re-selling, or distributing health care goods or services consumed by, or used on, patients. The presence or absence of relevant financial relationships will be disclosed to the activity audience.

No one in control of the content of this activity has a relevant financial relationship (RFR) with an ineligible company.

As required by the Standards of Integrity and Independence in Accredited Continuing Education, all relevant financial relationships have been mitigated prior to the CPE activity.

### Methods and CE Requirements

Activities which can be completed in any order. Each activity consists of audio, video, and/or PDFs and evaluations. Learners must review all content and complete the evaluations to receive continuing pharmacy education credit for each activity.

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 ASHP.