Critical Care Pharmacy Specialty Core Therapeutic Module Package

Materials for this course will release 09/21/2022

Critical Care Pharmacy Specialty Core Therapeutic Module Package for Recertification (Cert # L229265)

Teaser: The Core Therapeutic Modules for Recertification Package consists of 3 activities on the topics of infectious diseases, pulmonary disorders, and fluid, electrolytes, and nutrition. In each activity, faculty review clinical topics and practice skills using a case-based approach.

Tag: Certifications; Critical care

ACPE Numbers: Various – see listing below
Pre-Sale Date: 08/31/2022
Content Release Date: 09/21/2022
Expiration Date: 09/19/2023
Activity Type: Application-based
CE Credits: 3.0 (BPS and ACPE) contact hours
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 Pediatric Specialists in need of recertification credit.

Activity Overview
The Core Therapeutic Modules for Recertification Package consists of 3 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).

Successful completion of all the learning modules will provide up to TBD contact hours of continuing pharmacy education credit.

Recertification Credit*
Board certified pharmacists are eligible to receive up to TBD contact 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.

These activities are part of the ASHP professional development program for BCCCP recertification approved by the BPS.
Learning Objectives
After participating in these CPE activities, learners should be able to:

**Select Topics in Infectious Diseases in Critical Care Patients**
ACPE #: 0204-0000-22-643-H01-P
For the following specific infectious disease topics: urinary tract infections, meningitis, catheter related infections, bacteremia, and infective endocarditis:

- Interpret laboratory and diagnostic tests
- Recommend the most appropriate treatment and monitoring plans based on patient-specific information and current guidelines.

**Select Topics in Pulmonary Disorders**
ACPE #: 0204-0000-22-644-H01-P
For the following specific pulmonary disease topics: asthma exacerbation, acute exacerbation of chronic obstructive pulmonary disease, pulmonary embolism, and pulmonary arterial hypertension:

- Interpret laboratory and diagnostic tests
- Recommend the most appropriate treatment and monitoring plans based on patient-specific information and current guidelines.

**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.

Faculty ([https://www.ashp.org/Professional-Development/Board-Certification-Resources/Critical-Care-Pharmacy/Critical-Care-Pharmacy-Review-Course-Faculty](https://www.ashp.org/Professional-Development/Board-Certification-Resources/Critical-Care-Pharmacy/Critical-Care-Pharmacy-Review-Course-Faculty))
Quinn Czosnowski, PharmD, BCCCP
Clinical Pharmacy Specialist, Critical Care
Indiana University Health - Methodist Hospital
Indianapolis, Indiana

Lauren A. Igneri, PharmD, BCPS, BCCCP
Critical Care Clinical Pharmacy Specialist
Cooper University Healthcare
Camden, New Jersey

Diana Solomon, PharmD, BCCCP
Critical Care Clinical Pharmacy Specialist
Cooper University Healthcare
Camden, New Jersey
Critical Care Pharmacy Specialty Core Therapeutic Module Package

Materials for this course will release 09/21/2022

Content Matter Experts
Angela Bingham, PharmD, BCPS, BCNSP, BCCCP, FASPEN, FCCP
Interim Vice Chair and Associate Professor of Clinical Pharmacy, PGY2 Critical Care Pharmacy Residency Program Director, Residency Programs Coordinator
Philadelphia College of Pharmacy, University of the Sciences
Philadelphia, Pennsylvania
Critical Care Clinical Pharmacy Specialist
Cooper University Hospital
Camden, New Jersey

Mary M. Hess, PharmD, FASHP, FCCM, FCCP, BCCCP
Associate Dean
Professor, Pharmacy Practice
Jefferson College of Pharmacy
Philadelphia, Pennsylvania

Paul Szumita, PharmD, BCCCP, BCPS, FASHP, FCCM
Director of Clinical Pharmacy
Brigham & Women's Hospital
Boston, Massachusetts

Reviewers
Holly L. Byrnes, PharmD, BCPS
Susan R. Dombrowski, MS, RPh

Field Testers
TBD

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.

Methods and CE Requirements
Activities 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.
Materials for this course will release 09/21/2022

System Technical Requirements
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.