

Advanced Critical Care Therapeutics

This course provides in-depth, advanced instruction concerning the pharmacotherapeutic management of commonly encountered critical care diseases. Emphasis is placed on the efficacy, safety and comparative value of drug therapy in this highly specialized practice area. Didactic knowledge of physiology, pharmacology and drug therapy management is applied to disease states specific to this population. Didactic instruction is combined with practice case studies and interactive discussions concerning critical care pharmacy-related issues.



Online Course

\$375 Registration fee

\$295 SPAHP alumni discounted fee

30 CE hours

\$265 Certificate only—no CE credits

Register at excellence.creighton.edu/AdvancedTherapeutics

This enduring activity was reviewed on April 2, 2020 and will be available until April 1, 2023.

PROGRAM FACULTY

Daniel E. Hilleman, PharmD, FCCP

Professor of Pharmacy Practice, School of Pharmacy and Health Professions

Mark A. Malesker, PharmD, FCCP, FASHP, BCPS

Professor of Pharmacy Practice, School of Pharmacy and Health Professions

Stacey K. Dull, PharmD

Assistant Professor of Pharmacy Practice, School of Pharmacy and Health Professions

TAKING THE COURSE

Participants may download material to view as a podcast on their computer or handheld device. The program is delivered to participants using a distance education platform. Didactic lectures are electronically captured and packaged with written materials (references, case studies, self-evaluation quizzes) covering a total of 16 critical care topics.

This program is designed to be offered over a typical university semester, but can be expanded to be taken over a 12-month period. The course will take approximately 60 hours to complete.

JOINTLY PROVIDED BY:

Creighton
UNIVERSITY

Office of Continuing Education

Creighton
UNIVERSITY

School of Pharmacy
and Health Professions



JOINT ACCREDITATION
INTERPROFESSIONAL CONTINUING EDUCATION

Advanced Critical Care Therapeutics

Online Course

Register at excellence.creighton.edu/AdvancedTherapeutics

OBJECTIVES

Upon completing this course, participants will be able to:

- Describe the pathophysiology and clinical course of the major disease processes
- Design and/or evaluate a specific pharmaceutical care plan for the management of major disease processes and provide alternative treatment measures based upon clinical and demographic characteristics
- Discuss risk to benefit ratios of various therapeutic modalities
- State desired endpoints of therapy and identify appropriate monitoring parameters
- Identify potential drug-induced problems and adverse effects and their incidence, significance and management
- Identify treatment guidelines and evidence based pharmacologic treatments

COURSE MODULES

- Sedation, Neuromuscular Blockade and Pain Management
- Fluids, Electrolytes and Acid Base Disorders
- Acute Coronary Syndromes
- Cardiac Arrhythmias
- Management of Acute Decompensated Heart Failure
- Hypertension in the Critical Care Setting
- Stroke
- Sepsis
- Pneumonias
- Venous Thromboembolism Prophylaxis and Treatment
- Endocrine Emergencies
- Principles of Ventilation
- Status Epilepticus/Status Asthmaticus
- Management of Bleeding in Critically Ill
- Acute Kidney Injury and Medication Dosing in Renal Dysfunction
- Poisoning and Overdose

CONTINUING EDUCATION CREDIT

You need to view the entire program to receive credit. To receive credit, you will need to receive 75 percent on the quiz and case study at the end of each module. Upon successful completion of all modules, and completion of the evaluation, a certificate will be available for you to print. You will have three attempts to complete each quiz.

ACCREDITATION STATEMENT

In support of improving patient care, Creighton University Health Sciences Continuing Education is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE) and the American Nurses Credentialing Center (ANCC) to provide continuing education for the health care team.

PHARMACY CREDIT

Creighton University Health Sciences Continuing Education (HSCE) is accredited by the Accreditation Council for Pharmacy Education (ACPE) as a provider of continuing pharmacy education. This enduring material, Advanced Critical Care Therapeutics is accredited for 30.0 hour(s) for completion of all CE sessions. Term of approval is from this date on April 2, 2020, until April 1, 2023. The Advanced Critical Care Therapeutics is a knowledge-based CE activity.

CATEGORY 1

Creighton University Health Sciences Continuing Education designates this enduring material for a maximum of 30 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity. AAPA accepts AMA category 1 credit for the PRA from organizations accredited by ACCME.

NURSE CE

Creighton University Health Sciences Continuing Education designates this activity for 30.0 contact hours for nurses. Nurses should claim only the credit commensurate with the extent of their participation in the activity.

DISCLOSURES

As a sponsor accredited by the ACCME, it is the policy of Creighton University Health Sciences Continuing Education to require the disclosure of anyone who is in the position to control the content of an educational activity. All relevant financial relationships with any commercial interests and/or manufactures must be disclosed to participants at the beginning of each activity. Each faculty and planning committee member has indicated that they have no financial affiliation that is a conflict of interest.

RESOLUTION OF CONFLICT OF INTEREST

Creighton University Health Sciences Continuing Education has implemented a process to resolve any potential conflicts of interest for each continuing education activity in order to help ensure content objectivity, independence and fair balance and to ensure that the content is aligned with the interest of the public. This review is done by committee and/or peer review.

CONTINUING EDUCATION PLANNING COMMITTEE

Daniel E. Hilleman, PharmD, FCCP; Lee Morrow, MD; Kristina Dada, PA-C; Lindsay Iverson, DNP; Mark Malesker, PharmD, FCCP, FCCP, FASHP, BCPS; Kimberley Hallcock; Colin Dworak, MBA

Designed for: Physicians, pharmacists, physician assistants, nurse practitioners, nurses, residents, and students

Questions? Contact:

Colin Dworak, Director of Continuing Education
Center for Professional and Corporate Excellence
402.280.1830
colindworak@creighton.edu