



AUBURN UNIVERSITY  
Harrison College of Pharmacy

HARRISON COLLEGE OF PHARMACY



CONTINUING  
EDUCATION

# The Efficacy, Safety, and Overuse of Ceftriaxone: An Antimicrobial Stewardship Discussion

Dr. Spencer Durham

Tuesday, February 11, 2025 @ 7 – 8pm CT Via Zoom



## PROGRAM OVERVIEW

This program provides a comprehensive overview of ceftriaxone, focusing on its mechanism of action, spectrum of activity, and key pharmacokinetic and pharmacodynamic properties. Participants will learn about its major adverse effects, drug interactions, and clinical uses, with a special focus on recent reports of adverse events in Alabama. The discussion will emphasize the importance of antimicrobial stewardship in preventing the overuse of ceftriaxone and ensuring safe, effective treatment. There is no registration fee for this program.

Following registration, participants will have access to course instructions, updates, presentations, webinar link, program evaluation, CE certificates and credits, etc. **This program is approved for 1.0 ACPE Contact Hours, .1 CEUs.** Once credit is awarded, transcripts will be available online within 24 hours on the learner's CPE Monitor profile at <http://nabp.pharmacy/>. **This program is also approved by ABN. The Office of Alumni and Professional Affairs strongly encourages each participant to check their profile online within 60 days of attendance to ensure credit has been awarded properly. ACPE will not accept CE submissions after 60 days from the live seminar date.**

This program is sponsored through a grant from the Alabama Department of Public Health, Bureau of Communicable Disease Infectious Diseases and Outbreaks through a Cooperative Agreement with the Centers for Disease Control and Prevention, grant number 6 NU50CK000545-03-02, Strengthening HAI/AR (SHARP) CFDA 93.323.

# TARGET AUDIENCE

This knowledge-based program is intended for Pharmacists (ACPE) and Nurses (ABN).

# LEARNING OBJECTIVES

- Describe the mechanism of action, spectrum of activity, pharmacokinetic, and pharmacodynamic properties of ceftriaxone
- Recognize the major adverse effects and drug interactions of ceftriaxone
- Identify the disease states where ceftriaxone may be used as a treatment
- Discuss the recent reports of ceftriaxone adverse effects in the state of Alabama

# ACTIVITY COMPLETION REQUIREMENTS

To complete the steps for CE credit, each attendee will be required to access and review program materials located within the online course, attend the live Zoom webinar, enter the attendance code within the course that was provided at the conclusion of the program, complete the program evaluation within the online course, and claim credit within the course. Please contact [hcopce@auburn.edu](mailto:hcopce@auburn.edu) if you have any questions or needs related to this online CE program.

# FACULTY DISCLOSURES

Programming in with AUHCOP is in any way involved, whether as sole provider or joint-providership, shall exhibit fair content balance, providing the audience with information of multiple perspectives from which to form a professional opinion. In addition, the fair balance will assure that information provided does not discuss a commercial product. Brand names of all products included in the content may be mentioned for identification purposes only. Presenters in any continuing education offering will acknowledge and disclose any affiliation with the provider and such information will be made available to the audience. Faculty disclosures will also be included on an introductory slide during the presentation. Dr. Durham has no actual or potential conflict of interest in relation to this program.

# ACCREDITATION INFORMATION

The Auburn University Harrison College of Pharmacy is accredited by the Accreditation Council for Pharmacy Education as a provider for continuing pharmacy education; credits are recognized nationwide. The Universal Activity Number for this knowledge-based program is 0001-9999-25-LO1-P and is intended for pharmacists.

ABN - Auburn University Harrison School of Pharmacy is a Board approved provider of continuing nursing education in Alabama by the Alabama Board of Nursing. Provider Number: ABNP1515

## PROGRAM FACULTY

**Dr. Spencer Durham**, Pharm.D., BCPS, BCIDP is an Associate Clinical Professor in the Department of Pharmacy Practice and also serves as the Director of Alumni & Professional Affairs with the Harrison College of Pharmacy. Originally from Arab, Alabama, he completed his pre-pharmacy coursework at Auburn University and graduated with his Doctor of Pharmacy degree from the Harrison College of Pharmacy in 2007. He went on to complete an ASHP-accredited post-graduate residency at Children's Health System in Birmingham, Alabama in 2008. After completion of his residency, he joined the staff at Sacred Heart Hospital in Pensacola, Florida as a clinical pharmacist specialist, a role he maintained for five years. In 2013, Dr. Durham joined the faculty of the Harrison College of Pharmacy, where he teaches in various courses throughout the curriculum. Additionally, Dr. Durham serves as the Director of Alumni and Professional Affairs under the Associate Dean for Clinical Affairs and Outreach. As part of this position, he works proactively with HCOP alumni and other health care professionals from throughout the state and region to foster the development of innovative practice models and to expand and enhance opportunities for continuous professional development. Dr. Durham also oversees the Office of Alumni and Professional Affairs, which is responsible for the many continuing education programs offered each year by HCOP. Dr. Durham has published more than 20 peer-reviewed articles in respected journals and several book chapters. He is an active speaker each year at national, state, and local conferences, where he educates healthcare professionals on topics related to infectious diseases and antimicrobial stewardship. Additionally, Dr. Durham is active in several state and national organizations including the Alabama Pharmacy Association (APA), the Alabama Society of Health-Systems Pharmacists (ALSHP), the American College of Clinical Pharmacy (ACCP), and the American Society of Consultant Pharmacists (ASCP).

## TECHNOLOGY REQUIREMENTS

Participants are encouraged to secure a direct connection for all webinar programming. Please arrange for access to a computer with stable internet connection and Zoom capabilities. This program will be conducted via Zoom and includes interactive components.

If you're a new participant, we have a quick start guide here: <https://aub.ie/zoomquickstart>.

# POST-GRADUATE EDUCATION ADVISORY COMMITTEE

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Members of the Post-Graduate Education Advisory Committee have completed a conflict-of-interest disclosure form and have no actual or potential conflicts of interest in relation to this program.