



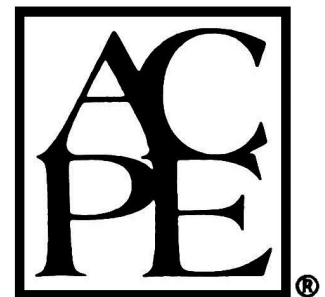
AUBURN UNIVERSITY  
HARRISON SCHOOL OF PHARMACY



# ECMO: Basic Principles and Effects On Pharmacokinetics

## Dr. Jasleen Bolina

### August 28, 2021



## PROGRAM OVERVIEW

This presentation will review extracorporeal life support with focus on institution implementation and pharmacokinetic profiles of commonly used medications in ECLS patients. Baptist Medical Center South will be implementing ECMO, so review on ECMO principles and drug utilization is necessary. There is little guidance on dose adjustments with ECMO but there is data that describes the effect of ECMO on certain therapies. **This program has been planned for Baptist Health employees. An access code will be required.**

Following registration, participants will have access to course instructions, updates, presentations, webinar link, program evaluation, CE certificates and credits, etc. Once credit is awarded, transcripts will be available online within 24 hours on the learner's CPE Monitor profile at [www.nabp.net](http://www.nabp.net).

***The Office of Post Graduate Education 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 knowledge-based program is intended for pharmacists. For this specific educational offering, the target audience will be employees of Baptist Health.

## FACULTY DISCLOSURES

Programming in with AUHSOP 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. Jasleen Bolina has no actual or potential conflict of interest in relation to this program.

## ACCREDITATION INFORMATION

The Auburn University Harrison School 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 **0001-9999-21-010-L04-P/T** and is intended for pharmacists and pharmacy technicians.

## ACTIVITY COMPLETION

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 webinar, complete the program evaluation within the online course, and claim credit within the course. Please contact [hsopce@auburn.edu](mailto:hsopce@auburn.edu) if you have any questions or needs related to this online CE program.

## ACTIVITY COMPLETION

- Describe the different forms of ECMO and indications for each
- Describe typical anticoagulation monitoring in patients on ECMO
- Recognize common alterations in pharmacokinetics due to ECMO
- Formulate appropriate dosage adjustments or monitoring parameters for medications affected by ECMO

## **POST-GRADUATE EDUCATION ADVISORY COMMITTEE**

Spencer Durham, Pharm.D., BCPS, BCIDP  
Associate Clinical Professor, Director of Alumni & Professional Affairs

Angela Calderon, Ph.D.  
Associate Professor, Drug Discovery and Development

Sarah Cogle, Pharm.D., BCCCP  
Assistant Clinical Professor, Pharmacy Practice

Danielle Waites, MSW  
Patient Care Coordinator ,Clinical Affairs and Outreach

Edward Chou, Ph.D.  
Associate Professor  
Department: Health Outcomes Research and Policy

Haley Phillippe, Pharm.D., BCPS, BCGP, FASCP  
Associate Clinical Professor, Pharmacy Practice

Erika Kleppinger, Pharm.D., BCPS  
Associate Clinical Professor, Pharmacy Practice

Alison Baker, Pharm.D.  
Coordinator of Distributive Services, AU Employee Pharmacy

Marian Williams, MS  
Academic Programs Administrator, Faculty Affairs and Strategic Initiatives

Tanja Redd, MBA  
Academic Programs Coordinator, Alumni and Professional Affairs

Brianna Foster  
Academic Programs Administrator, Clinical Affairs and Outreach