



COMPREHENSIVE SIMULATION-BASED ADULT ECMO COURSE

AUGUST 6-9, 2024

HEART AND VASCULAR CENTER
CONFERENCE ROOM (4999 JPP)
UNIVERSITY OF IOWA HEALTH CARE MEDICAL CENTER
200 HAWKINS DRIVE
IOWA CITY, IOWA



Provided by:
University of Iowa Heart and Vascular Center
University of Iowa Health Care

IOWA
HEALTH CARE

OVERVIEW

With a rich history spanning three decades, the University of Iowa ECMO program proudly stands as a Platinum Level Center of Excellence. We are thrilled to announce our ELSO endorsed, four-day adult ECMO course, meticulously designed for healthcare professionals at all levels (APP, CCP, Physician, RN, RRT). This immersive program combines didactic presentations and high-fidelity simulations to offer a comprehensive training experience.

Recognizing the uniqueness of each participant's background, our course provides the flexibility to attend the didactic portion, the simulation segment, or both. The didactic component delves into the intricacies of managing VenoVenous and VenoArterial ECMO, meeting the criteria for step one of ELSO's E-AEC certification.

Furthermore, our high-fidelity simulation aspect is tailored to encompass essential scenarios, addressing the requirements for step two of the E-AEC certification. This hands-on experience ensures that participants not only acquire theoretical knowledge but also gain practical skills, preparing them for real-world challenges in ECMO practice.

Join us on this educational journey, where our decades-long expertise converges with cutting-edge simulation techniques to elevate ECMO proficiency across diverse healthcare roles.



INTENDED AUDIENCE

- Physicians
- Advanced practice providers
- Nurses
- Respiratory Therapists
- Perfusionists
- Any other healthcare professional who provides direct care for patients supported on extracorporeal membrane oxygenation devices

REGISTER NOW

Full Comprehensive Course	\$2,500
Simulation Only	\$1,500
Didactic Only.....	\$1,000

[→ https://bit.ly/3w90bAq](https://bit.ly/3w90bAq)

HOTEL

Courtyard by Marriott

Iowa City University Heights
901 Melrose Avenue
Iowa City, Iowa
Phone: 319-569-6777

Book room via the link below or by calling the hotel directly.

[→ https://bit.ly/3GJsXLu](https://bit.ly/3GJsXLu)

CREDITS

AMA PRA Category 1 Credits™ (21.25 hours)

ANCC Contact Hours (21.25 hours)

Non-Physician Attendance (21.25 hours)

ACCREDITATION



In support of improving patient care, the University of Iowa Roy J. and Lucille A. Carver College of Medicine 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 healthcare team.

Physician: The University of Iowa Carver College of Medicine designates this live activity for a maximum of 21.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurse: The University of Iowa Roy J. and Lucille A. Carver College of Medicine designates this activity for a maximum of 21.25 ANCC contact hours.

Other Provider: All other participants will receive a certificate of participation for this conference upon completion of the online evaluation. It is the responsibility of each attendee to determine if the continuing education programs they attend meet the requirements of their professional licensure board.

DISCLOSURE POLICY

University of Iowa Roy J. and Lucille A. Carver College of Medicine adheres to the ACCME's Standards for Integrity and Independence in Accredited Continuing Education. Any individuals in a position to control the content of a CE activity, including faculty, planners, reviewers or others are required to disclose all financial relationships with ineligible companies whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients. All relevant financial relationships have been mitigated prior to the commencement of the activity.

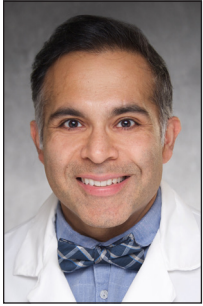
QUESTIONS ABOUT THE COURSE

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FACULTY



Course Director

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Course Co-Director

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FACULTY (CONTINUED)



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Core ECMO Specialist
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Archit Sharma, MBBS

Clinical Associate Professor of Anesthesia
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Jonathan Simmons, DO

Clinical Professor of Anesthesia and Emergency Medicine
University of Iowa Health Care
Iowa City, Iowa

AGENDA

TUESDAY, AUGUST 6, 2024

- 8:00 - 8:25** **Welcome & ECMO Training Overview**
Daniel Dietzel, BSN, E-AEC
- 8:30 - 8:55** **ECMO Components**
Kristina Rudolph, BSN, E-AEC
- 9:00 - 9:25** **Cannulation for ECMO**
Mohammad Bashir, MBBS
- 9:30 - 10:00** **Physiology of ECMO**
Gregory Schmidt, MD
- 10:00 - 10:30** **Break**
- 10:30 - 10:55** **Respiratory Failure and Indications for ECMO**
Kevin Doerschug, MD
- 11:00 - 11:25** **Management of VV ECMO**
Gregory Schmidt, MD
- 11:30 - 12:00** **VV Case Studies**
Charles Rappaport, MD
- 12:00 - 1:00** **Lunch**
- 1:00 - 1:25** **Emergency Management of the ECMO Patient**
Lovkesh Arora, MD, E-AEC
- 1:30 - 1:55** **Emergency Management of the ECMO Patient II**
Kristina Rappaport, MSN, E-AEC
- 2:00 - 2:25** **ECMO Complications**
Mark Pedersen, MD
- 2:30 - 3:00** **ECMO Transport**
Daniel Dietzel, BSN, E-AEC
- 3:00 - 4:00** **Discussion and Adjourn**

WEDNESDAY, AUGUST 7, 2024

- 8:00-8:25** **Cardiac Failure and VA ECMO Indications**
Mark Pedersen, MD
- 8:30-8:55** **Management of VA ECMO**
Lovkesh Arora, MD, E-AEC
- 9:00-9:25** **Managing VA ECMO Complications**
Archit Sharma, MD
- 9:30-10:00** **VA Case Studies**
Jonathan Simmons, DO
- 10:00 - 10:30** **Break**
- 10:30 - 10:55** **Medical Management of the ECMO Patient**
Jonathan Simmons, DO
- 11:00 - 11:25** **Physiotherapy**
Tony Naber, DPT
- 11:30 - 12:00** **ECMO for Special Indications Case Studies**
Lovkesh Arora, MD, E-AEC
- 12:00 - 1:00** **Lunch**
- 1:00 - 1:25** **ECMO Program Development**
Elizabeth Moore, MBA, BSN
- 1:30 - 1:55** **ECMO Research**
Charles Rappaport, MD
- 2:00 - 3:00** **Discussion and Adjourn**

AGENDA

THURSDAY, AUGUST 8, 2024

8:00 - 10:00 Simulations

10:00 - 10:15 Break

10:15 - 12:00 Simulations

12:00 - 1:00 Lunch

1:00 - 4:00 Simulations

FRIDAY, AUGUST 9, 2024

8:00 - 9:45 Simulations

9:45 - 10:00 Break

10:00 - 12:00 Simulations