COMPREHENSIVE SIMULATION-BASED ADULT ECMO COURSE

MARCH 16-19, 2027



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 more than three decades of clinical excellence, the University of Iowa ECMO Program is proud to announce our ELSO-endorsed, four-day Adult ECMO Course. Designed for healthcare professionals across all disciplines (APP, CCP, Physician, RN, RRT), this immersive program blends expert-led didactic sessions with high-fidelity simulation to deliver a comprehensive, practice-ready ECMO 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

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 Roy J. and Lucille A. Carver College of Medicine designates this live activity for a maximum of 21.25 AMA PRA *Category 1 Credit*(s)™. 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 Health Care 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.

REGISTRATION

Full Comprehensive Course $2500

Simulation Only $1500

Didactic Only.....$1000

https://uiowa.cloud-cme.com/course/courseoverview?P=0&EID=84050

CANCELLATION POLICY

All but $50 of the fee is refundable if inability to attend is made known on or before February 2, 2027. Refunds will not be made after this date.

QUESTIONS ABOUT THE COURSE

Katelyn Meyer, MN, RN, E-AEC, CCRN
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HOTEL

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

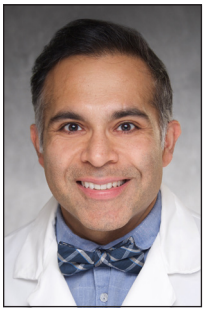
Book room via the link below or by calling the hotel directly.

https://tinyurl.com/yh2mkbue



FACULTY

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MITIGATION OF RELEVANT FINANCIAL RELAT IONSHIPS

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AGENDA

TUESDAY, MARCH 16, 2027

8:00 - 8:25	**Welcome & ECMO Training Overview** Katelyn Meyer, MN, E-AEC
8:30 - 8:55	**ECMO Components** Seth Jackson, BSN, E-AEC
9:00 - 9:25	**Cannulation for ECMO** Mohammad Bashir, MBBS
9:30 - 10:00	**Physiology of ECMO** Desmond Barber, 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** Desmond Barber, MD
11:30 - 12:00	**VV Case Studies** Desmond Barber, 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** Katelyn Meyer, MN, E-AEC
3:00 - 4:00	**Discussion and Adjourn**

WEDNESDAY, MARCH 17, 2027

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** Anita Chazhikattu, MD
12:00 - 1:00	**Lunch**
1:00 - 1:25	**ECMO Program Development** Elizabeth Moore, MBA, BSN
1:30 - 1:55	**ECMO Research** Anita Chazhikattu, MD
2:00 - 2:25	**Discussion**
2:30 - 4:00	**Intro to Simulation, Water Drills**
4:00	**Adjourn**

AGENDA

THURSDAY, MARCH 18, 2027

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, MARCH 19, 2027

8:00 - 9:45	Simulations
9:45 - 10:00	Break
10:00 - 12:00	Simulations
12:00 - 12:30	Lunch
12:30 - 2:00	Final Assessment