

# COMPREHENSIVE SIMULATION-BASED ADULT ECMO COURSE

MARCH 31, 2026 • 8 AM – APRIL 3, 2026 • 12 PM



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://tinyurl.com/44e25su7>

## CANCELLATION POLICY

All but \$50 of the fee is refundable if inability to attend is made known on or before March 23, 2026. Refunds will not be made after this date.

## QUESTIONS ABOUT THE COURSE

**Daniel Dietzel, BSN, RN, E-AEC**  
ECMO Program Clinical Practice Leader  
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University of Iowa Health Care  
Iowa City, Iowa

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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.

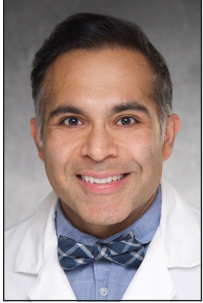
➔ <https://tinyurl.com/yh2mkbue>





## FACULTY

### Lovkesh Arora, MD, E-AEC



ECMO Medical Director  
Clinical Associate Professor of Anesthesia  
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### Mohammad Bashir, MBBS



Director, Adult Cardiac Surgery Division  
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### Desmond Barber, MD



Clinical Assistant Professor of Internal  
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### Kevin C Doerschug, MD, MS, FCCP



Clinical Professor of Internal Medicine-  
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### Anita Chazhikattu, MD



Clinical Associate Professor of Anesthesia  
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### Elizabeth A Moore, BSN, MBA, RN, E-AEC



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### Daniel Dietzel, BSN, RN, E-AEC



Core ECMO Specialist  
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### Tony Naber, PT, DPT



Physical Therapist  
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## FACULTY

### Mark Pedersen, MPH, MD



Clinical Assistant Professor of Anesthesia  
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### Archit Sharma, MBBS



Clinical Associate Professor of Anesthesia  
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### Tahuanty Pena, MD



Clinical Associate Professor of Internal  
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### Jonathan Simmons, DO



Clinical Professor of Anesthesia and  
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### Kristina Rappaport, MSN, RN, E-AEC



ECMO Core Specialist  
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### Kristina Rudolph, BSN, RN, E-AEC



ECMO Program Coordinator  
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## MITIGATION OF RELEVANT FINANCIAL RELATIONSHIPS

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# AGENDA

## TUESDAY, MARCH 31, 2026

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

## WEDNESDAY, APRIL 1, 2026

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

# AGENDA

## THURSDAY, APRIL 2, 2026

- 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, APRIL 3, 2026

- 8:00 - 9:45     Simulations
- 9:45 - 10:00   Break
- 10:00 - 12:00   Simulations