

OVERVIEW AND LEARNING OBJECTIVES

UPMC Procirca Adult ECMO
Course Dates: October 16-18, 2025

UPMC Procirca is excited to announce our ELSO-endorsed Adult ECMO Training Course that meets step 1 and step 2 requirements for the ELSO Adult ECMO Certification Exam (E-AEC). The course will be held in person at the University of Pittsburgh Simulation Center in Pittsburgh, Pa.

- This three-day course is designed for the bedside ECMO caregiver including physicians, physician assistants, perfusionists, nurses, nurse practitioners, ECMO specialists, and respiratory therapists.
- Didactic sessions, lead by clinical domain experts from critical care medicine, cardiothoracic surgery, and perfusion services, along with high-fidelity, immersive simulations allows UPMC Procirca to provide a truly comprehensive educational experience for providers of all backgrounds and disciplines.

COURSE DIRECTORS



Raj Ramanan, MD
*Assistant Professor of Critical Care Medicine
Department of Critical Care Medicine
Medical Director, ECMO
Director, Procirca ECMO Education
UPMC, Pittsburgh, PA
Education Committee Chair, ELSO*



David Kaczorowski, MD
*Associate Professor
of Cardiothoracic Surgery
Surgical Director,
Advanced Heart Failure Center
Department of Cardiothoracic Surgery
UPMC, Pittsburgh, PA*



Michael Lazar, MD, MHA, FACC
*Executive Medical Director,
UPMC Williamsport HVI
Regional Director, HVI Cardiac Surgery
UPMC Williamsport, Altoona, and
Western Maryland
UPMC, Williamsport, PA*

CO-COURSE DIRECTORS



Timothy Kaselitz, MD
*Assistant Professor of Critical Care Medicine,
Department of Critical Care Medicine
UPMC, Pittsburgh, PA*



Veronica Garvia-Bianchini, MD
*Assistant Professor of Critical Care Medicine,
Department of Critical Care Medicine
UPMC, Pittsburgh, PA*



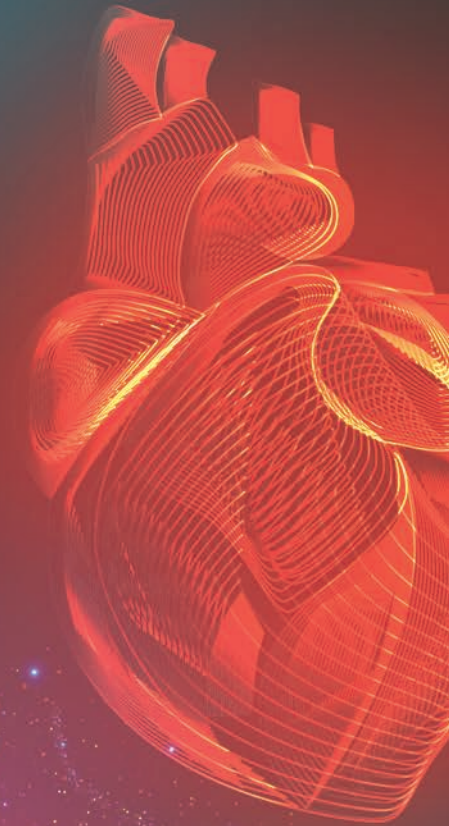
Keri Hickman, CCP
*Director of ECMO Management
UPMC, Pittsburgh, PA*



Scan the QR code to visit
our course website
<https://cce.upmc.com/upmc-procirca-adult-ecmo-training-course-fall-2025>



PERFUSION



UPMC Procirca Adult ECMO
Training Course

Course Dates:
October 16-18, 2025



THURSDAY, OCTOBER 16

7-7:30 a.m.	Breakfast and Registration
7:30-8 a.m.	ECMO Overview <i>Keri Hickman, CCP</i>
8-8:30 a.m.	Past to Present: History and Recent Evidence <i>Holt Murray, MD</i>
8:30-9 a.m.	Circuit Components <i>Brandon D'Aloiso, CCP</i>
9-9:30 a.m.	Configurations and Cannulations <i>Michael Lazar, MD</i>
9:30-9:45 a.m.	Break
9:45-10:30 a.m.	ECMO Physiology <i>Raj Ramanan, MD</i>
10:30-11 a.m.	Anticoagulation <i>Ryan Rivosecchi, PharmD</i>
11-11:30 a.m.	Daily Management for the ECMO Specialist <i>Amber Palmer, CCP</i>
11:30 a.m.-12:30 p.m.	Lunch
12:30-1 p.m.	Daily Management for the ECMO Provider <i>Tim Kaselitz, MD</i>
1-1:15 p.m.	Introduction to Simulations <i>Keri Hickman, CCP</i>
1:15-5 p.m.	Simulations

FRIDAY, OCTOBER 17

7-7:30 a.m.	Breakfast and Sign In
7:30-8 a.m.	Respiratory Failure <i>Tim Kaselitz, MD</i>
8-8:30 a.m.	Patient Selection for VV ECMO <i>Raj Ramanan, MD</i>
8:30-9:15 a.m.	Management of VV ECMO <i>Raj Ramanan, MD</i>
9:15-9:30 a.m.	Break
9:30-10 a.m.	VV ECMO Case Vignettes <i>Raj Ramanan, MD</i>
10-10:30 a.m.	Circuit Complications <i>Peter Arlia, CCP</i>
10:30-11 a.m.	Patient Complications <i>Veronica Garvia, MD</i>
11-11:30 a.m.	Coding and Billing for the ECMO Provider <i>Jamie DeAngelis MSN, ANP-BC</i>
11:30 a.m.-12:30 p.m.	Lunch
12:30-12:45 p.m.	Introduction to Simulations <i>Keri Hickman, CCP</i>
12:45-4:45 p.m.	Simulations
5:15-7:15 p.m.	Exhibitor Meet and Greet

SATURDAY, OCTOBER 18

7-7:30 a.m.	Breakfast and Sign In
7:30-8 a.m.	Cardiac Failure <i>David Kaczorowski, MD</i>
8-8:30 a.m.	Patient Selection for VA ECMO <i>Michael Lazar, MD</i>
8:30-9 a.m.	Management of VA ECMO <i>David Kaczorowski, MD</i>
9-9:30 a.m.	ECPR <i>David Kaczorowski, MD</i>
9:30-9:45 a.m.	Break
9:45-10:15 a.m.	VA ECMO Case Vignettes <i>Raj Ramanan, MD</i>
10:15-10:45 a.m.	Interhospital Transport <i>Frank Guyette, MD</i>
10:45-11 a.m.	Introduction to Simulation <i>Keri Hickman, CCP</i>
11 a.m.-Noon	Lunch
Noon-4 p.m.	Simulations
4-4:30 p.m.	Q&A With Faculty <i>Raj Ramanan, MD; Tim Kaselitz, MD; Veronica Garvia, MD; Pete Arlia, CCP; Keri Hickman, CCP, David Kaczorowski, MD; Michael Lazar, MD</i>
4:30 p.m.	Course Adjournment

COURSE LOCATION

University of Pittsburgh Simulation Center
Third Floor Scaife Hall
3550 Terrace St.
Pittsburgh, PA 15213

TUITION

\$3,000 (includes the ELSO Red Book)

QUESTIONS?

Contact Keri Hickman CCP, LP

Director, ECMO Management

UPMC Presbyterian

Phone: 412-647-3450

Email: procircaecmo@procirca.com

CANCELLATION POLICY

- All cancellations must be sent via email, nealka3@upmc.edu.
- Cancellations received before 9/16/25 will be refunded in full; After 9/16/25, a \$1500 fee will be assessed, and no refund will be made after 10/9/25.

CME ACCREDITATION AND DESIGNATION

In support of improving patient care, the University of Pittsburgh 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 health care team.

PHYSICIAN (CME)

The University of Pittsburgh designates this live activity for a maximum of 24 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Other health care professionals will receive a certificate of attendance confirming the number of contact hours commensurate with the extent of participation in this activity.

FACULTY

- Brandon D'Aloiso, MS, CCP** – Lead Perfusionist of Education, UPMC, Pittsburgh, PA

Peter Arlia, BS, CCP, LP, MBA – Director, Perfusion Services, UPMC, Pittsburgh, PA

Jamie DeAngelis MSN, ANP-BC – Improvement Specialist, Clinical Quality Capture, Wolff Center UPMC

Francis Guyette MD, MPH – Medical Director, STAT MedEvac, Professor of Emergency Medicine, UPMC, Pittsburgh, PA

- Holt Murray, MD** – Assistant Professor of Critical Care Medicine, Department of Critical Care Medicine, Medical Director, CTICU UPMC, Pittsburgh, PA

Amber Palmer, MS, CCP – Lead Perfusionist of Simulation, UPMC, Pittsburgh, PA

Ryan Rivosecchi, PharmD, BCCCP – Clinical Pharmacist Cardiothoracic ICU, Supervisor of Critical Care, Cardiology and Transplant Clinical Pharmacy Services, UPMC, PA

ADDITIONAL SIMULATION FACULTY

- Tyler Eadie, MS, CCP** – Lead Perfusionist of Simulation, UPMC, Pittsburgh, PA

Alyssa McCune, MS, CCP – Lead Perfusionist of ECMO, UPMC, Pittsburgh, PA