

MAYO CLINIC  
13400 East Shea Boulevard  
Scottsdale, Arizona 85259

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# EXTRACORPOREAL

## Membrane Oxygenation (ECMO) Symposium

MAYO CLINIC  
CENTER FOR PROCEDURAL INNOVATION  
SCOTTSDALE, ARIZONA  
MARCH 27-28, 2020

[CE.MAYO.EDU/ECMO2020](http://CE.MAYO.EDU/ECMO2020)

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# EXTRACORPOREAL

## Membrane Oxygenation (ECMO) Symposium

\$200  
discount if you  
register on or before  
12/1/19

MAYO CLINIC  
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## COURSE HIGHLIGHTS

- This highly immersive hands-on workshop provides the latest techniques and technology surrounding the clinical use of Extracorporeal Membrane Oxygenation (ECMO) taught in our most innovative training facility.
- Through integrated clinical scenarios, providers will apply knowledge gained towards the initiation and management of ECMO on simulated cases of acute respiratory and hemodynamic failure.
- Participants will deepen their understanding of the applied physiology of both venovenous and venoarterial ECMO utilizing the highest fidelity simulation labs and its interaction with conventional life support treatments.
- Attendees will continue to build on the ECPR training provided with high intensity hands-on skills sessions including cannulation skills training.
- Participants will resuscitate using ECMO, Mechanical Ventilation and Point of Care lab testing while instructors use ultrasound, exhaled CO<sub>2</sub> and invasive hemodynamic monitoring to facilitate participant learner visualization of applicable physiologic principles.

## TARGET AUDIENCE

This course is designed to meet the needs of anesthesiologists, cardiologists, cardiovascular surgeons, emergency physicians, physician assistants, advanced practice nurses, and all other providers who care for patients in any setting in which critical care is provided.

## LEARNING OBJECTIVES

Upon conclusion of this program, participants should be able to:

- Identify the components of the ECMO circuit.
- Describe basic and advanced physiology of venovenous and venoarterial ECMO.
- Recognize major indications and contraindications of venovenous and venoarterial ECMO.
- Experience and describe the interprofessional roles necessary to mobilize a patient on ECMO.
- Identify common problems and major complications of ECMO.
- Differentiate the interaction ECMO has on various patient organ systems.
- Comprehensively assess the ECMO patient with appropriate monitoring techniques.
- Identify the basic infrastructure needed to build and sustain an ECMO program.

## COURSE DIRECTORS

Bhavesh M. Patel, M.D.  
Patrick A. DeValeria, M.D.



## ONLINE REGISTRATION

[CE.MAYO.EDU/ECMO2020](http://CE.MAYO.EDU/ECMO2020)

Be sure to register early as there is limited space available. No discounts offered. Fee includes all lectures, lab supplies, scrub usage, and meals during the symposium.

## REGISTRATION FEES

Physicians/Scientists, Physician Assistants,  
Nurse Practitioners, Nurses

On or before 12/1/2019	After 12/1/2019
<b>\$3000</b>	<b>\$3200</b>

**\*\*NEW Pre-Symposium Webinar** - Thursday, March 12, from Noon-1 pm (MST). This complimentary webinar will give participants an opportunity to learn what the ECMO symposium will include and to be able to ask questions before attending. *You must be registered for the ECMO symposium to attend the webinar.*

## MEETING LOCATION

Mayo Clinic – Center for Procedural Innovation  
13400 East Shea Blvd  
Scottsdale, AZ 85259

## LODGING & ACCOMMODATIONS

Courtyard Scottsdale at Mayo Clinic  
13444 East Shea Blvd  
Scottsdale, AZ 85259  
(800) 321-2211 or (480) 860-4000

Special room rates are available until the block is sold out or until February 27, 2020, whichever comes first. The discounted rate is \$195 plus tax for a standard king room. Please make your reservations early to ensure accommodations at the discounted rate. When calling the hotel, please be sure to indicate that you are a participant of the Mayo Clinic ECMO course. Attendees are responsible for their own reservations.

## PROGRAM AT-A-GLANCE

The ECMO Program consists of rotations between Didactic lectures and Hands-on stations. The hands-on stations consist of simulated manikins and live tissue. The program is designed so each participant will experience all stations and lectures. Please visit the course website for complete program details:

[ce.mayo.edu/ecmo2020](http://ce.mayo.edu/ecmo2020)

## CREDIT



In support of improving patient care, Mayo Clinic College of Medicine and Science 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.

## AMA

Mayo Clinic College of Medicine and Science designates this live activity for a maximum of 15.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## AOA

This program has been accredited by the American Osteopathic Association for 15.75 credits of AOA Category 2-A.