

Wednesday, April 21, 2027

OPTIONAL HANDS-ON POCUS WORKSHOP

\$650 | Pre-Registration Required

12:30 pm	Registration
1:00 pm	Introduction & Daily Overview Bradley W. Ternus, MD
1:05 pm	Imaging Windows & Techniques Govind Panda, MD
1:30 pm	Echo Assessment of LV Size & Function Bradley W. Ternus, MD
1:50 pm	Echo Assessment of RV Size & Function Dustin B. Hillerson, MD
2:10 pm	Lung Ultrasound Brandon M. Wiley, MD
2:30 pm	Echo Assessment for Cardiogenic Shock Brandon M. Wiley, MD
2:50 pm	Questions and Answers
3:00 pm	Refreshment Break
3:15 pm	Intro to Hands-On Cardiac Imaging: Parasternal, Subcostal, Apical, Lung Drs. Wiley, Hillerson, Ternus, Panda, Shipman, Bennett, and Naquvi
4:15 pm	Hands-On Cardiac Imaging: Tamponade, Dissection, LV Dysfunction, RV Dysfunction & Pulmonary Edema Drs. Wiley, Hillerson, Ternus, Panda, Shipman, Bennett, and Naquvi
5:15 pm	Assessment of Fluid Responsiveness Govind Panda, MD
5:35 pm	Case-Based POCUS in the CICU Courtney E. Bennett, DO
5:55 pm	Summary & Closing Comments
6:00 pm	Adjourn

Thursday, April 22, 2027

General Session

Fairmont Scottsdale Princess | Palomino Ballroom

7:00 am	Registration & Continental Breakfast
7:30 am	Welcome & Introductions Drs. Bennett & Sen
FOUNDATIONS OF CARDIAC CRITICAL CARE Moderator: Ayan Sen, MD	
7:40 am	A Year in Review: Key Published Studies in Critical Care Courtney E. Bennett, DO
8:00 am	Medical Management of Acute Decompensated Heart Failure Without Cardiogenic Shock Drew Rosenbaum, MD
8:20 am	Hemodynamic Monitoring: Physiology & Fundamentals Parag C. Patel, MD
8:40 am	Inotropes & Vasopressors: When, Why & How Jacob C. Jentzer, MD
9:00 am	Recognition & Staging of Cardiogenic Shock Jacob C. Jentzer, MD
9:20 am	Case-Based Hemodynamic Interpretation Parag C. Patel, MD
9:40 am	Questions & Answers
10:00 am	Refreshment Break Visit Exhibits
ACUTE CORONARY SYNDROME & MECHANICAL COMPLICATIONS Moderator: Gregory W. Barsness, MD	
10:20 am	Medical Management of ACS Benjamin Hibbert, MD, PhD
10:40 am	When to Pursue High Risk PCI Pietro Di Santo, MD

11:00 am **Mechanical Complications of Myocardial Infarction**

Bradley W. Ternus, MD

11:20 am **Valvular Emergencies**

Trevor J. Simard, MD, PhD

11:40 am **Questions & Answers**

12:00 pm **Lunch (provided)**

COMPLEX CARDIAC ICU POPULATIONS

Moderator: Courtney E. Bennett, MD

1:00 pm **Cardiac Obstetrics**

TBD

1:20 pm **Pulmonary Hypertension in the CICU**

Christopher Barnett, MD

1:40 pm **Endocarditis: Case-Based Diagnosis & Management**

Ashley Darlington, MD

2:00 pm **Questions & Answers**

2:15 pm **Adjourn**

FRIDAY, APRIL 23, 2027

7:00 am **Continental Breakfast**

MECHANICAL CIRCULATORY SUPPORT

Moderators: Drs. Ayan Sen & Namita Jayaprakash

7:30 am **Keynote Address: Veno-Arterial Extracorporeal Membrane Oxygenation (VA-ECMO) & Cardiogenic Shock**

Heidi J. Dalton, MD

8:00 am **Balloon Pump vs. Percutaneous VADs**

Gregory W. Barsness, MD

8:20 am **Anticoagulation in Mechanical Circulatory Support**

Janhavi Athale, MD

8:40 am **Where the Bridge Leads – Heart Transplant & LVAD**

Bryan Barrus, MD

9:00 am **Questions & Answers**

9:20 am **Refreshment Break | Visit Exhibits**

ADVANCED SHOCK STATES

Moderator: Parag C. Patel, MD

9:40 am **Septic Cardiomyopathy & Management of Sepsis in the CICU**

Namita Jayaprakash, MD

10:00 am **Post-Arrest Care**

Pietro Di Santo, MD, PhD

10:20 am **Post-Cardiotomy Shock**

Ryan C. Craner, MD

10:40 am **Questions & Answers**

NON-CARDIAC INTERVENTIONS IN THE CARDIAC ICU

Moderator: Parag C. Patel, MD

11:00 am **Ventilation Strategies in the CICU**

Ayan Sen, MD

11:20 am **Sedation in the CICU**

Anna B. Shapiro, MD

11:40 am **Approach to Acute Pulmonary Embolism: Get With the Guidelines**

TBD

12:00 pm **Questions & Answers**

12:15 pm **Lunch (provided)**

TALES FROM THE SHOCK CRYPT: CASE-BASED SESSION

Moderators: Drs. Trevor Simard & Parag Patel

Panel: Drs. Darlington, Craner & Wiley

1:15 pm **Amyloid ATTR**

Parag C. Patel, MD

1:30 pm **When Two VADs Are Better Than One**

Drew Rosenbaum, MD

1:45 pm **Cardiac Tamponade**

Govind Panda, MD

ARRHYTHMIAS IN THE CICU

Moderator: Courtney E. Bennett, DO

- 2:00 pm **Illustrative Case: VT Storm**
Dustin B. Hillerson, MD
- 2:35 pm **Heart Block & Temporary Pacing**
Fred Kusumoto, MD
- 2:55 pm **Questions & Answers**
- 3:00 pm **Adjourn**

OPTIONAL HANDS-ON ECMO WORKSHOP

\$650 | Pre-Registration Required

- 3:15 pm **Registration**
- 3:30 pm **Introduction & Overview**
- 3:40 pm **Cardiogenic Shock: Physiology, Patient Selection & Timing for VA-ECMO**
Heidi J. Dalton, MD
- 4:00 pm **ECPR: Activation, Cannulation, Goals & Logistics**
Bryan Barrus, MD
- 4:20 pm **Daily ECMO Management: Mechanical Ventilation Focus**
Bhavesh M. Patel, MD
- 4:40 pm **LV Decompression with Temporary Mechanical Device: What to Know – Nuts & Bolts**
Parag C. Patel, MD
- 5:00 pm **Weaning, Decannulation & Long-Term Considerations**
Ayan Sen, MD
- 5:20 pm **Anticoagulation Management During ECMO**
Heidi J. Dalton, MD
- 5:40 pm **Questions & Answers**
- 6:00 pm **Adjourn**

NOTE: Hands-On ECMO Workshop begins Saturday at 12:30 pm

SATURDAY, APRIL 24, 2027

7:00 am **Continental Breakfast**

TEAMS IN CARDIAC CRITICAL CARE: CARDIOGENIC SHOCK & RESUSCITATION TEAM BUILDING

Moderators: Drs. Courtney Bennett & Ayan Sen

- 7:30 am **How We Built Our Cardiogenic Shock Team**
Parag C. Patel, MD
- 7:50 am **Building a Cardiogenic Shock Team in Community Practice**
Brandon M. Wiley, MD
- 8:10 am **Integration of Resuscitation Teams**
Anna B. Shapiro, MD
- 8:30 am **Debriefing: Hot, Warm & Cold**
Amanda Solberg, APRN, CNP, DNP
Brigid A. Kiley, MS, RN, CCRN
- 8:50 am **Questions & Answers**
- 9:10 am **Refreshment Break | Visit Exhibits**

SYSTEMS OF CARE

Moderator: Courtney E. Bennett, DO

- 9:25 am **Palliative Care in the CICU**
Joy M. Allen, APRN, CNP, DNP
- 9:45 am **Quality Metrics in the CICU**
Brandon M. Wiley, MD
- 10:05 am **Survivorship and CICU Recovery Clinic**
Dustin B. Hillerson, MD
- 10:25 am **Getting MCS Patient Moving: Strategies from Pre-Hab Through Rehabilitation**
Katie M. Rief, MD
- 10:45 am **Questions & Answers**

FUTURE OF CARDIAC CRITICAL CARE

Moderator: Ayan Sen, MD

10:55 am	Artificial Intelligence in Cardiac Critical Care Ayan Sen, MD
11:15 am	Innovation in Care Delivery Courtney E. Bennett, DO
11:35 am	Closing Remarks
11:45 am	General Session Adjourns

OPTIONAL HANDS-ON ECMO WORKSHOP

12:30 pm	Bus Transportation to Mayo Clinic IER Building 5777 E. Mayo Blvd; Phoenix, AZ 85054
1:00 pm	Workshop Overview & Introduction Bhavesh M. Patel, MD
1:15 pm	Move to Assigned Hands-On Stations Cannulation Circuit & Emergencies Hypoxia
3:15 pm	Refreshment Break Time to Ask Faculty Questions
3:30 pm	Move to Assigned Hands-On Stations Post-Cardiotomy Hypotension Impella / LV Decompression Weaning
5:30 pm	Adjourn Bus Transportation Back to Hotel