

CME/MOC/NCPD opportunity

Western Pennsylvania Cardiogenic Shock Initiative 2025

Saturday, September 6, 2025

**Fairmont Hotel
510 Market Street
Pittsburgh, PA 15222**

Sponsored by

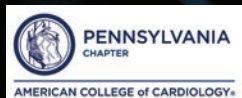
Allegheny General Hospital
Cardiovascular Institute

In collaboration with

UPMC Heart and Vascular Institute
WVU Heart and Vascular Institute
St. Clair Health
Independence Health

Endorsed by

Pennsylvania Chapter
American College of Cardiology



Conference overview and intended audience

The AHN Cardiovascular Institute in collaboration with the UPMC Heart and Vascular Institute, West Virginia Heart and Vascular Institute, Independence Health, and St. Clair Health present this exciting educational opportunity highlighting diagnosis and treatment of cardiogenic shock (CS). Participants will learn from our internationally renowned guest speakers, as well as regional faculty, about how to diagnose and treat CS, with a focus on best practices and systems of care. This event is ideal for cardiologists, trainees, cardiac surgeons, critical care physicians, APPs, and perfusionists.

Conference objectives

- Review updates on the current management of CS
- Discuss early diagnosis of CS
- Identify clinical pathways for best practices to treat CS
- Discuss the diagnosis and treatment of CS in western Pennsylvania

CME accreditation

Physicians

Allegheny General Hospital is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Allegheny General Hospital designates this live activity for a maximum of 5.50 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in this activity.

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 5.5 MOC points and patient safety MOC credit in the American Board of Internal Medicine’s (ABIM) Maintenance of Certification (MOC) program. It is the CME activity provider’s responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

Nursing

Allegheny Health Network West Penn Hospital is approved as a provider of nursing continuing professional development by Pennsylvania State Nurses Association, an accredited approver by the American Nurses Credentialing Center’s Commission on Accreditation. Credits pending.

American Nurses Credentialing Center (ANCC) accepts *AMA PRA Category 1 Credits™* from organizations accredited by the ACCME.

American Academy of Nurse Practitioners (AANP) accepts *AMA PRA Category 1 Credits™* from organizations accredited by the ACCME.

The National Commission on Certification of Physician Assistants (NCCPA) states that the *AMA PRA Category 1 Credits™* are acceptable for continuing medical education requirements for recertification.

Non-physicians

Allegheny General Hospital has approved this activity for 5.50 contact hours for non-physicians.

Program agenda

Saturday, September 6, 2025

7 – 8 a.m.	Registration, breakfast, and visit exhibits
8 – 8:10 a.m.	Welcome and introduction David Lasorda, DO, FACP, FACC, FSCAI
8:10 – 8:15 a.m.	Updates since we met in 2024 Karthikeyan Ranganathan, MD, FSCAI, FACC
8:15 – 8:25 a.m.	Patient success story

SESSION 1

Moderators: Jeff Fowler, Ramesh Daggubati

Panelists: Brian Carey, Ramzi Khalil, Anantha Madgula, Van-Khue Ton

8:30 – 8:45 a.m.	Golden hour in cardiogenic shock Van-Khue Ton, MD, PhD
8:45 – 8:55 a.m.	Discussion and Q&A
8:55 – 9:05 a.m.	Acute MI shock case presentation Aakash Tuli, MD
9:05 – 9:25 a.m.	Strategies to minimize adverse events in acute MI shock — post DANGER Marwan Jumean, MD, FACC, FSCAI
9:25 – 9:35 a.m.	Discussion and Q&A
9:35 – 9:50 a.m.	Best practices on MCS management Manreet Kanwar, MD, FACC
9:50 – 10 a.m.	Discussion and Q&A

Program agenda (continued)

SESSION 2

Moderators: Candice Lee, Kevin Felpel
Panelists: David Kaczorowski, Muhammad Salman, Amelia Morgan, Varun Avula

10:25 – 10:40 a.m.	Heart recovery Gavin Hickey, MD
10:40 – 10:50 a.m.	Discussion and Q&A
10:50 – 11 a.m.	Transfer checklist for patients on MCS Frank Guyette, MD, MPH, FACEP, FAEMS
11 – 11:10 a.m.	Discussion and Q&A
11:10 – 11:20 a.m.	Valvular shock: Acute aortic regurgitation Ramesh Daggubati, MD, FACC, FSCAI
11:20 – 11:30 a.m.	Discussion and Q&A
11:30 – 11:45 a.m.	Post cardiectomy shock Katherine Wood, MD
11:45 am – noon	Discussion and Q&A
Noon – 1 p.m.	Lunch and visit exhibits

SESSION 3


Moderators: Tyler VanDyck, Amber Makani
Panelists: Adnan Khalif, Dan Cormican, Gregory Suero Abreu, Roy Sriwattanakomen

1 – 1:15 p.m.	Non-cardiac critical care management of shock patients Aniket Rali, MD, FCCP, FACC
1:15 – 1:25 p.m.	Discussion and Q&A
1:25 – 1:40 p.m.	Challenges to build a shock team at level 2 centers Jay Ambrose, MD, FACC, MS
1:40 – 1:50 p.m.	Discussion and Q&A
1:50 – 2:10 p.m.	Cardiogenic shock in the emergency room Shan Modi, MD
2:10 – 2:20 p.m.	Discussion and Q&A
2:20 – 2:30 p.m.	Closing remarks Jeffery Fowler, DO, FACC, FSCAI

Course directors

	David Lasorda, DO, FACP, FACC, FSCAI AHN CVI System Director for Interventional Cardiology AHN Vice Chairman for the Department of Cardiovascular Medicine Professor of Medicine, Drexel University College of Medicine
	Karthikeyan Ranganathan, MD, FSCAI, FACC System Director, AHN Cardiogenic Shock program Co-Director Cardiac ICU, Allegheny General Hospital Assistant Professor, Drexel University College of Medicine
	Manreet Kanwar, MD, FACC Professor of Medicine Director, Heart Failure and Pulmonary Hypertension Co-Director, Heart and Vascular Center Section of Cardiology, University of Chicago Pritzker School of Medicine
	Jeffrey Fowler, DO, FACC, FSCAI Director, Interventional Cardiology Fellowship Program Assistant Professor of Medicine, University of Pittsburgh School of Medicine Director, Interventional Cardiology, VA Pittsburgh Health System
	Gavin Hickey, MD Assistant Professor, University of Pittsburgh School of Medicine Medical Director, VAD Program, UPMC Heart and Vascular Institute Program Director, UPMC Advanced Heart Failure/Transplant and Pulmonary Hypertension Fellowship Program
	Ramesh Daggubati, MD, FACC, FSCAI Professor and Vice Chair, Department of Cardiology West Virginia University Chief of Interventional Cardiology Services WVU Heart & Vascular Institute and Service Line WVU Medicine
	Muhammad Salman, MD St. Clair Medical Group Cardiac Surgery St. Clair Health
	Brian Carey, MD, FACC, FSCAI Medical Director, Cardiac Catheterization Lab Independence Health System, Butler Campus


Planning member

	Kathy Delac, MSN, RN, CNS Department of Professional Practice and Education Allegheny General Hospital Allegheny Health Network
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Invited faculty

	Jay Ambrose, MD, FACC, MS Medical Director, Heart Center Penn Highlands Healthcare DuBois Regional Cardiology Associates
	Varun Avula, MD Interventional Cardiology Independence Health System
	Daniel S. Cormican, MD, FCCP AHN System Director, Cardiovascular/ Surgical Critical Care Medical Director, Critical Care Services, West Penn Hospital Anesthesiologist, Allegheny General Hospital Assistant Professor, Anesthesiology and Perioperative Medicine, Drexel School of Medicine Cardiovascular Institute Allegheny Health Network
	Kevin Felpel, DO Assistant Professor of Cardiology Advanced Heart Failure and Transplant Cardiology WVU Heart and Vascular Institute
	Frank Guyette, MD, MD, MPH, FACEP, FAEMS Professor of Emergency Medicine, University of Pittsburgh School of Medicine Attending Emergency and EMS Physician Director, STAT MedEvac ERMI Endowed Chair of Healthcare Quality University of Pittsburgh Medical Center
	Marwan Jumean, MD, FACC, FSCAI Associate Professor, University of Texas Health Science Center Houston Advanced Heart Failure and Transplant Cardiology, Cardiovascular Disease Program Director, Interventional Heart Failure Training Program Founder and President of the Houston Shock Symposium

Invited faculty (continued)



David Kaczorowski, MD
Associate Professor, Cardiothoracic Surgery
Surgical Director of the
Advanced Heart Failure Center
University of Pittsburgh Medical Center



Adnan Khalif, MD, FACC, FSCAI
Co-Director, Cardiac Intensive Care Unit (CICU)
Associate Program Director,
Interventional Cardiology Fellowship
Interventional and Critical Care Cardiology
AHN Cardiovascular Institute
Allegheny General Hospital




Ramzi Khalil, MD
Associate Professor
Interventional Cardiologist,
Allegheny General Hospital
Allegheny Health Network



Van-Khue Ton, MD, PhD
Massachusetts General Heart Center
Massachusetts General Hospital




Candice Lee, MD
Surgical Director, CTEPH Program,
Assistant Professor, Department of Surgery,
Drexel University College of Medicine
Division of Cardiac Surgery
Allegheny Health Network



Amber Makani, MD, FACC
Clinical Assistant Professor of Medicine,
Interventional and Structural Cardiology
UPMC Heart and Vascular Institute




Anantha Madgula, MD
Assistant Professor,
Advanced Heart Failure and Transplant
West Virginia University
Department of Cardiology




Shan Modi, MD
Cardiothoracic Critical Care Division
Allegheny Health Network




Amelia Morgan, DO
Critical Care Department
Allegheny Health Network




Aniket Rali, MD, FCCP, FACC
Assistant Professor of Medicine
and Anesthesiology
Advanced Heart Failure and Transplantation
Critical Care Medicine
Vanderbilt University Medical Center



Gregory Suero Abreu, MD, FSCAI
Medical Director, Invasive Cardiology Medical
Director, Chest Pain Center
Trinity Health System — CommonSpirit Health




Roy Sriwattanakomen, MD
Advanced Heart Failure and
Mechanical Circulatory Support
Department of Medicine, Division of Cardiology
University of Pittsburgh Medical Center



Aakash Tuli, MD, PRG-3
Chief Cardiology Fellow
Allegheny Health Network



Tyler VanDyck, MD
Director, Division of Cardiothoracic
Critical Care and CTSICU
Medical Director, ECMO Services
Assistant Professor of Medicine and Emergency
Medicine, Drexel University College of Medicine
Department of Cardiovascular
and Thoracic Surgery
Allegheny Health Network



Katherine Wood, MD
Assistant Professor, Cardiac Surgery
Director of VAD Program
University of Rochester Medical Center

Registration

Online registration is free and can be accessed at cme.ahn.org.

Click on **Courses**, scroll down to **Western Pennsylvania Cardiogenic Shock Initiative 2025**, and click **Register**.

Lodging

Fairmont Hotel
510 Market Street
Pittsburgh, PA 15222

To make room reservations, scan the QR code below.



Learn more or have questions

Please contact Bernice Sulkowski in the
CME office at bernice.sulkowski@ahn.org.



Scan code for
more information.

Disclosure of significant relationships with relevant commercial companies.

In accordance with the Accreditation Council for Continuing Medical Education (ACCME) and the policy of Allegheny General Hospital, presenters must disclose all relevant financial relationships, which, in the context of their presentation(s), could be perceived as a real or apparent conflict of interest (e.g., ownership of stock, honoraria, or consulting fees). Any identifiable conflicts will be resolved prior to the activity. Any such relationships will be disclosed to the learner prior to the presentation(s).

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