



# SCAI SHOCK:

A Team-Based Course on  
Cardiogenic Shock

October 12–13

Boston, Massachusetts



Friday, October 12–  
Saturday, October 13, 2018

Friday: 7:00 p.m.–8:00 p.m.

Saturday: 7:00 a.m.–5:00 p.m.

Boston Park Plaza  
50 Park Plaza at Arlington St.  
Boston, Massachusetts

Hotel Rate: \$289 + 14.45 percent  
(by September 12, 2018, at 5:00 p.m. EST)

	Member Rate	Nonmember Rate
SCAI Physician/Scientist	\$99	\$199
Fellow-in-Training	\$29	\$99
Nurse	\$29	\$99
Technologist/Technician	\$29	\$99

### Accreditation Statement

The Society for Cardiovascular Angiography and Interventions (SCAI) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

### Credit Designation

The Society for Cardiovascular Angiography and Interventions (SCAI) designates this live activity for a maximum of 8.75 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### Bring Your Cardiogenic Shock Team for FREE!

Register yourself and bring your Shock Team Members for free.

Register at [www.SCAI.org/SHOCK](http://www.SCAI.org/SHOCK).

# SCAI SHOCK: A Team-Based

## Friday, October 12

- 7:00–8:00 p.m. Shock Team Forum: Working Towards a Systems-Based Approach  
Review of Top Three Submitted Algorithms for Shock Teams and Shock Care, and Discussion of Current Societal Initiatives

## Saturday, October 13: General Session 1

- 7:00–8:00 a.m. Registration and Breakfast Symposium—  
Pharmacological Topic
- 8:00–8:05 a.m. Welcome and Introductions  
Srihari S. Naidu, MD, FSCAI;  
Emmanouil Brilakis, MD, PhD,  
FSCAI
- 8:05–8:15 a.m. Identification of Pre-Shock and Shock  
Navin Kapur, MD, FSCAI
- 8:15–8:30 a.m. Hemodynamics of Cardiac Assist Devices  
Daniel Burkhoff, MD, PhD
- 8:30–8:45 a.m. IABP, Impella, TandemHeart, and ECMO:  
Compare and Contrast  
Raj Patel, MD, FSCAI
- 8:45–9:00 a.m. Case #1: I Was Too Late With  
Device Placement  
Chadi Alraies, MD, MPH
- 9:00–9:15 a.m. Moderated Discussion:  
Barrier s to Device Support  
Srihari S. Naidu, MD, FSCAI
- 9:15–9:30 a.m. Identification of RV Involvement  
in Shock  
William O'Neill, MD, MSCAI
- 9:30–9:45 a.m. Escalation of Support:  
Timing and Device Choice  
Khaldoon Alaswad, MD, FSCAI
- 9:45–10:00 a.m. Break
- 10:00–10:15 a.m. The Case for Multivessel  
Revascularization in Shock  
Emmanouil Brilakis, MD, PhD,  
FSCAI
- 10:15–10:30 a.m. How Long to Support Shock?  
Tips and Tricks to Device Weaning  
William O'Neill, MD, MSCAI
- 10:30–10:45 a.m. Enough Is Enough:  
Upgrading to Surgical VADs  
Khaldoon Alaswad, MD, FSCAI
- 10:45–11:00 a.m. Case #2: Revascularization With  
Support Saved This Patient  
Sahil Khera, MD
- 11:00–11:15 a.m. Current Status of Pharmacologic  
Therapies in Shock  
James McCabe, MD, FSCAI
- 11:15–11:30 a.m. Future Directions in Shock Management  
Navin Kapur, MD, FSCAI
- 11:30 a.m.–noon Moderated Panel Discussion:  
Devices, Drugs, and Data  
Srihari S. Naidu, MD, FSCAI;  
Emmanouil Brilakis, MD, PhD,  
FSCAI
- Noon–1:00 p.m. Lunch Symposium

Register now at: [www.SCAI.org/SHOCK](http://www.SCAI.org/SHOCK)

# Course on Cardiogenic Shock

## Physician/Nurse/PA Breakout: CCU Management (Option 1)

1:00–1:15 p.m.	The RHC Is Vital! Tips and Tricks	William O’Neill, MD, MSCAI
1:15–1:30 p.m.	The Alarms Keep Going Off: Tips and Tricks	Daniel Burkhoff, MD, PhD
1:30–1:45 p.m.	Management of Bleeding and Hemolysis	Mauricio Cohen, MD, FSCAI
1:45–2:00 p.m.	Current Algorithms in Pharmacologic Management	James McCabe, MD, FSCAI
2:00–2:15 p.m.	The Optimal Team for 24/7 CCU Shock Management	Emmanouil Brilakis, MD, PhD, FSCAI
2:15–2:30 p.m.	Flows Are Low: What’s Wrong?	Khaldoon Alaswad, MD, FSCAI

## Nurse/Tech Breakout: Cath Lab Management (Option 2)

1:00–1:15 p.m.	Immediate Management of Shock in the Cath Lab: Stabilizing Arrhythmias and Hemodynamics	Srihari S. Naidu, MD, FSCAI
1:15–1:30 p.m.	Mechanical VAD Overview	Massashi Kai, MD
1:30–1:45 p.m.	Surgical VADs	Massashi Kai, MD
1:45–2:00 p.m.	Setting Up for Impella, TandemHeart, and ECMO	Raj Patel, MD, FSCAI
2:00–2:15 p.m.	Device Troubleshooting: IABP, Impella, TandemHeart, and ECMO	Khaldoon Alaswad, MD, FSCAI
2:15–2:30 p.m.	Large Bore Access and Closure Techniques	William O’Neill, MD, MSCAI

## Simulation Session

2:30–3:30 p.m.	Simulator Stations: 1) Balloon Pumps, 2) TandemHeart, 3) Impella, 4) ECMO
----------------	---

## General Session 2

3:30–3:40 p.m.	Debate/Pro: We Need to Place Devices Earlier in Shock	Navin Kapur, MD, FSCAI
3:40–3:50 p.m.	Debate/Con: No, We Just Need to Understand the RHC and Drips Better	James McCabe, MD, FSCAI
3:50–3:55 p.m.	Pro—Rebuttal	Navin Kapur, MD, FSCAI
3:55–4:00 p.m.	Con—Rebuttal	James McCabe, MD, FSCAI
4:00–4:15 p.m.	Treatment of Shock in the Era of Public Reporting	Mauricio Cohen, MD, FSCAI
4:15–4:30 p.m.	Long-Term Management: Preventing Progression and Arrhythmias	Daniel Burkhoff, MD, PhD
4:30–5:00 p.m.	Moderated Audience Question and Answer Session	Srihari S. Naidu, MD, FSCAI; Emmanouil Brilakis, MD, PhD, FSCAI
5:00 p.m.	Adjourn	

# Faculty



Emmanouil Brilakis, MD, PhD,  
FSCAI  
*Chair*  
Minneapolis Heart Institute



Srihari S. Naidu, MD, FSCAI  
*Chair*  
Westchester Medical Center/  
New York Medical College

Daniel Burkhoff, MD, PhD  
Columbia University Medical  
Center

Mauricio Cohen, MD, FSCAI  
University of Miami Miller  
School of Medicine

Rajan Patel, MD, FSCAI  
Ochsner Medical Center

Sahil Khera, MD  
New York Medical College

Chadi Alraies, MD, MPH  
Detroit Medical Center

James McCabe, MD, FSCAI  
University of Washington

William O'Neill, MD, MSCAI  
Henry Ford Hospital

Navin Kapur, MD, FSCAI  
Tufts-New England Medical  
Center

Khaldoon Alaswad, MD,  
FSCAI  
Henry Ford Health System

Massashi Kai, MD  
Westchester Medical Center/  
New York Medical College

**SCAI's Independent Content** – As a provider of continuing medical education through the Accreditation Council for Continuing Medical Education (ACCME), it is the Society's policy to ensure balance, independence, objectivity, and scientific rigor in all of its activities. All participating faculty, course directors, planning committee members and staff are required to disclose to SCAI any relevant financial relationships. Disclosure information was reviewed in advance of faculty assignments to manage and resolve all conflicts of interest.

**Commercial Support** – The SCAI Education Committee planned the SCAI SHOCK Program prior to and independent of commercial support. This activity is funded in part by educational grants and in-kind support from various commercial entities. SCAI will provide a complete list of commercial supporters at the meeting.

**PLATINUM SUPPORTER**  
Abiomed

**SILVER SUPPORTERS**  
Getinge  
TandemLife

Register now at: [www.SCAI.org/SHOCK](http://www.SCAI.org/SHOCK)