

PROGRAM OVERVIEW

Day 1

Session 1: The Fundamentals of Cardiogenic Shock

Session 2: Initial Assessment and Management of Cardiogenic Shock

Workshop:
POCUS in Cardiogenic Shock

Workshop:
PA Catheters and IABP

Session 3: Case-based Learning

Day 2

Session 4: Temporary Mechanical Circulatory Support [tMCS] 1

Workshop:
Impella

Workshop:
LVAD and Temp RVAD Troubleshooting

Session 5: Temporary Mechanical Circulatory Support [tMCS] 2

Session 6: Challenging Scenarios in Cardiogenic Shock 1

Day 3

Session 7: Challenging Scenarios in Cardiogenic Shock 2

Workshop: ECMO

Session 8: Preparing Systems for Cardiogenic Shock Management

Session 9: Hot Topics in Cardiogenic Shock Management

Register Now!



Program subject to changes.

KEYNOTE SPEAKERS



Dr. Alexander M Bernhardt

Associate Professor and Attending
Cardiac Surgeon
University Heart and Vascular Center
Hamburg
Germany



Prof. Christian Hassager

Consultant Cardiologist, Department of
Cardiology, The Heart Center Rigshospitalet
Copenhagen University Hospital
Denmark



Prof. Roberto Lorusso

Professor of Cardiac Surgery and
Extracorporeal Life Support
Deputy Director of the Department of Cardio-
Thoracic Surgery and ECLS Program Director
Maastricht University Medical Centre
The Netherlands

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MIDDLE EAST HEART ACADEMY

AGENDA

DAY 1, FRIDAY

11 DEC 2026

CARDIOGENIC SHOCK MASTER CLASS

11 - 13 December 2026
The H Hotel
Dubai, UAE

TIME	TOPIC	SPEAKER
8:45 – 9:00	Opening Remarks	
9:00 – 10:30	Session 1: The Fundamentals of Cardiogenic Shock	
9:00 – 9:15	Definition and Epidemiology of Cardiogenic Shock	Benedikt Beer
9:15 – 9:30	Classifying and Staging Cardiogenic Shock	Hadi Skouri
9:30 – 9:45	Pathophysiology of Cardiogenic Shock – Role of Inflammation	Hadi Skouri
9:45 – 10:00	Predicting Prognosis in Cardiogenic Shock	Benedikt Beer
10:00 – 10:30	Discussion	
10:30–11:00	Coffee Break	
11:00 – 12:30	Session 2: Initial Assessment and Management of Cardiogenic Shock	
11:00 – 11:15	Non-invasive Haemodynamic Characterization of Cardiogenic Shock	Vivek Kakar
11:15 – 11:30	Role of Pulmonary Artery Catheters	Ahmed Hegazy
11:30 – 11:45	Role of Advanced Imaging in Cardiogenic Shock	Firas Albadarin
11:45 – 12:00	Role of Ino-pressors in Cardiogenic Shock	Emil Najjar
12:00 – 12:30	Discussion	
12:30 – 14:00	Friday Prayer and Lunch Break	

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DAY 1, FRIDAY

11 DEC 2026

CARDIOGENIC SHOCK MASTER CLASS

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TIME	TOPIC	SPEAKER
	Hands-on Workshops	
14:00 - 16:00	POCUS in Cardiogenic Shock	Team CCAD
14:00 - 16:00	PA Catheters and IABP	Jesper Nyman Team CCAD
16:00-16:30	Coffee Break	
16:30 - 17:30	Session 3: Case-based Learning	
16:30 - 16:45	A Case of AMI-CS	Walid Ahmed
16:45 - 17:00	A Case of HF-CS	Nadya Al Matrooshi
17:00 - 17:30	Discussion	

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AGENDA

DAY 2, SATURDAY

12 DEC 2026

CARDIOGENIC SHOCK MASTER CLASS

11 - 13 December 2026
The H Hotel
Dubai, UAE

TIME	TOPIC	SPEAKER
9:00 – 10:30	Session 4: Temporary Mechanical Circulatory Support [tMCS] 1	
9:00 – 9:15	IABP in Cardiogenic Shock	Jesper Nyman
9:15 – 9:30	Percutaneous versus Surgical Impella in Cardiogenic Shock	Christian Hassager
9:30 – 9:45	ECMO in Cardiogenic Shock	Per Nordberg
9:45 – 10:00	LV Unloading in VA ECMO	Alexander M. Bernhardt
10:00 – 10:30	Discussion	
10:30–11:00	Coffee Break	
11:00 – 13:00	Hands-on Workshops	
11:00 – 13:00	Impella Workshop	Team CCAD
11:00 – 13:00	LVAD and Temp RVAD Troubleshooting Workshop	Ann Hallberg Kristensen Team CCAD
13:00 – 14:00	Lunch Break	
14:00 – 15:30	Session 5: Temporary Mechanical Circulatory Support [tMCS] 2	
14:00 – 14:15	Anticoagulation and Antiplatelet Management on tMCS	Bassam Atallah
14:15 – 14:30	Revascularisation in Cardiogenic Shock	Emad Hakemi
14:30 – 14:45	Weaning Strategies from tMCS	Alexander M. Bernhardt
14:45 – 15:00	Inducing Cardiac Recovery in Cardiogenic Shock	Benedikt Beer
15:00 – 15:30	Discussion	

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AGENDA

DAY 2, SATURDAY

12 DEC 2026

CARDIOGENIC SHOCK MASTER CLASS

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TIME	TOPIC	SPEAKER
15:30 - 16:00	Coffee Break	
16:00 - 17:30	Session 6: Challenging Scenarios in Cardiogenic Shock 1	
16:00 - 16:15	Right Ventricular Failure in Cardiogenic Shock	Ihab Ahmed
16:15 - 16:30	Bridging CS Patients to Advanced Therapies [LVAD, Transplant]	Manreet Kanwar
16:30 - 16:45	Out of Hospital Cardiac Arrest and ECPR	Per Nordberg
16:45 - 17:00	Cardiogenic Shock in Pregnancy	Ahmed Labib
17:00 - 17:30	Discussion	

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AGENDA

DAY 3, SUNDAY

13 DEC 2026

CARDIOGENIC SHOCK MASTER CLASS

11 - 13 December 2026
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TIME	TOPIC	SPEAKER
9:00 – 10:30	Session 7: Challenging Scenarios in Cardiogenic Shock 2	
9:00 – 9:15	Pulmonary Embolism and Cardiogenic Shock	Roberto Lorusso
9:15 – 9:30	High-risk Cardiac Surgery and Post-cardiotomy Cardiogenic Shock	Mitesh Badiwala
9:30 – 9:45	VT Storm and Cardiogenic Shock	Fereidoon Shafei
9:45 – 10:00	Rehabilitating Patients with tMCS	Aaron Thrush
10:00 – 10:30	Discussion	
10:30–11:00	Coffee Break	
11:00 – 13:00	Hands-on Workshops	
11:00 – 13:00	ECMO Workshop	Jesper Nyman Team CCAD
13:00 – 14:00	Lunch Break	
14:00 – 15:30	Session 8: Preparing Systems for Cardiogenic Shock Management	
14:00 – 14:15	Establishing Cardiogenic Shock Teams	Feras Bader
14:15 – 14:30	The Hub-and-Spoke vs Tier Model in Cardiogenic Shock	Ismail Raslan
14:30 – 14:45	The Golden Hour in Cardiogenic Shock	Roberto Lorusso
14:45 – 15:00	Nursing Perspectives on Cardiogenic Shock Management	Ann Hallberg Kristensen
15:00 – 15:30	Discussion	

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DAY 3, SUNDAY

13 DEC 2026

CARDIOGENIC SHOCK MASTER CLASS

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TIME	TOPIC	SPEAKER
15:30 - 16:00	Coffee Break	
16:00 - 17:30	Session 9: Hot Topics in Cardiogenic Shock Management	
16:00 - 16:15	Newer and Upcoming Therapies in CS	Christian Hassager
16:15 - 16:30	Machine Learning and AI Tools in CS	Emil Najjar
16:30 - 16:45	Long-term Outcomes in Cardiogenic Shock Survivors	Ismail Raslan
16:45 - 17:00	Ethics and Palliative Care in Cardiogenic Shock	Mitesh Badiwala
17:00 - 17:30	Discussion	

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