



Annual Calgary Shock Symposium: Managing Shock in the Cath Lab

Heritage Medical Research Building,
University of Calgary, Foothills Campus
Saturday, November 30, 2024 • 7:30-5:00pm

OBJECTIVES

- To understand the frontier of percutaneous MCS strategies
- To review current approaches and management of cardiogenic shock in the cath lab
- To provide a practice-based learning opportunity when managing cardiogenic shock patients

AGENDA

Time	Activity	Room	
7:30 – 7:55	Networking, Breakfast, and Registration	HMRB Atrium	
8:00 – 8:05	Welcome Remarks	Libin Theater	
8:05 – 8:20	Shock Teams – The Canadian Landscape		
8:20 – 8:35	The DanGer Shock Trial – Impact to current practice		
8:35 – 9:00	Keynote lecture – Structural Cardiology Interventions – A new frontier for cardiogenic shock management		
9:00 – 9:15	Biology and Technology Break	HRIC Atrium	
9:15 – 9:30	MCS-assisted PCI – When and how to decide with current evidence?	Libin Theater	
9:30 – 9:45	The Forgotten Ventricle – LV support, BiV support or isolated RV support in RV failure?		
9:45 – 10:00	Preparing for trouble – Using CTO tools to manage shock patients		
10:00 – 10:15	Percutaneous alternate access strategies – when the legs aren't available		
10:15 – 10:30	VA ECMO – Where do the Cath Lab and Interventionalist fit in?		
10:30 – 10:45	Percutaneous closure techniques for large-bore access when no "Pre-closure" was done		
10:45 – 11:00	Biology and Technology Break	HRIC Atrium	
11:00 – 11:20	Debate – Multivessel disease or Left Main in Cardiogenic Shock – Emergent PCI or CABG?	Libin Theater	
11:20 – 11:40	Debate – Is there a role for Balloon valvuloplasty in the TAVI era for cardiogenic shock patients?		
11:40 – 12:30	Case presentations		
12:35 – 1:30	Lunch	HRIC Atrium	
1:30 – 3:30	Simulation Sessions		
Room	Proceduralist Stream (18 minutes each, 2 min travel)	Room	Allied Health Stream (25 minutes each, 50 minutes for Shock Team, 10

			<i>minute break between Shock Team and Classrooms)</i>
Sim Room A	Impella Deployment and Troubleshooting	Sim Room K	Shock Team Simulation Group 1 (<i>Clare Puzey</i>)
Sim Room B	Penumbra and coronary coils		Shock Team Simulation Group 2
Sim Room C	ECMO Deployment	Room G744	IABP, Impella, and ECMO Setup and Troubleshooting (<i>Steve Menzies, Abiomed representative</i>)
Sim Room D	Transeptal puncture		
Sim Room E	Perclose and Manta closure devices	Room G743	Right Heart Hemodynamics
Sim Room F	Axillary artery cannulation		
3:30-3:45	Biology and Technology Break		
3:45-4:45	Drop-In Simulation Sessions		Simulation Labs
4:45-5:00	Wrap up, Next Steps, & Prizes		Dr. Ayaz Sachedina