

Building Your Impella Program



Foundations for Optimized Management of tMCS Patients in the ICU

DATE	LOCATION	COURSE DIRECTOR	FACULTY	
Thursday, 27 November 2025	TBC	Sern Lim	Colin Chue	Leigh Burns
Friday, 28 November 2025	Birmingham, UK	Queen Elizabeth Hospital	David Quinn	Shaun Badger
			Carla Richardson	Joanne Taylor
			Christopher Bowles	

Agenda

Day 1 | Thursday, 27 November 2025

- 14:00h Welcome & introduction**
- 14:10h Science of mechanical and non-mechanical unloading
- 14:30h What is Cardiogenic Shock, definition and overview
- 14:50h Phenotyping in Cardiogenic Shock - SCAI classification and other nomenclature
- 15:15h Coffee break**
- 15:30h How should we treat cardiogenic shock? Clues from current tMCS evidence
- 15:50h Medical treatment of cardiogenic shock. Pharmacotherapy and it's interaction with tMCS
- 16:10h Quick Instructions for Break out Sessions
- Break out sessions (30 min each/rotation)**
- 16:15h** A. Introduction to Impella® and Smart Assist
B. Echo Impella Positioning, Landmarks and best practices
Coffee break during
- 17:15h Bedside hemodynamic monitoring: Do's and Don'ts
- 18:00h ICU/MCS Troubleshooting & Complications Management
- 18:30h Discussion – end of day 1**
- 19:00h Networking dinner

Day 2 | Friday, 28 November 2025

- 08:30h Welcome and recap Day 1**
- 08:40h tMCS devices - "By whom and for what"?
- 09:00h Anticoagulation, pitfalls and complication management
- 09:20h Coffee break**
- Break Out Sessions (30 min each/rotation)**
- 09:30h A. Impella Troubleshooting
B. Hemodynamics
- 10:30h The role of a surgeon – bridge to decision
- 10:50h Case Maze: Your time to solve and discussion
Coffee break during
- 12:15h Closing and key takeaways**
- 12:30h Lunch and adjourn

