

# Impella tMCS Advanced School



This course is designed for multidisciplinary core teams (cardiology, cardiac catheterization laboratory, and intensive care unit) and focuses on intensive care management of patients receiving Impella ventricular support. The program emphasizes bedside protocols, safe handovers, complication recognition and management, and team-based workflows to optimize outcomes in the ICU.

## DATE

22-23 June 2026

## LOCATION

Vall d'Hebron Advanced  
Simulation Center,  
Barcelona

## COURSE FACULTY

**Jordi Bañeras** Vall d'Hebron Hospital (ES)  
**Christophe Vandembrielle** Harefield Hospital (UK)  
**Sascha Ott** Heart Center Berlin, Charité (DE)

## Agenda

### Day 1 | 22 June 2026

12:00h	<b>Welcome &amp; introduction</b>	
12:45h	Cardiogenic shock definition - SCAI classification	C. Vandembrielle
13:20h	How should we treat cardiogenic shock? Clues from current tMCS evidence	
13:55h	Haemodynamics and Phenotyping in Cardiogenic Shock	S. Ott
14:30h	Lunch Break	
15:00h	Medical treatment of cardiogenic shock Pharmacotherapy and its interaction with tMCS	
15:30h	tMCS-devices – “By whom and for what”?	S. Ott
16:00h	Bedside Monitoring Do's & Don'ts	
16:30h	Anticoagulation, pitfalls and complication management	C. Vandembrielle
17:00h	Science of mechanical and non-mechanical Unloading	S. Ott
17:15h	<b>Coffee Break</b>	

For additional information please contact:

**Hatice Taspinar**

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## Day 1 | 22 June 2026

17:30h	<b>Breakout sessions:</b> <ol style="list-style-type: none"><li>1. Impella: Knowing the whole system in depth</li><li>2. Impella Troubleshooting</li><li>3. Echocardiography techniques</li><li>4. Patient Transfers</li></ol>	S. Ott C. Vandenbriele Gema
19:30h	<b>Closing Remarks and Q&amp;A</b>	
20:30h	<b>Networking Dinner</b>	

## Day 2 | 23 June 2026

09:00h	Welcome Day 2 & Recap Day 1	
09:30h	Simulation Briefing & Rotation 1 – Case Simulation	C. Vandenbriele & I. Buera
10:30h	Rotation 2 – Case Simulation	& J. Bañeras
11:30h	Coffee Break	
11:45h	Rotation 3 – Case Simulation	S. Ott & M. Vidal
12:45h	Lunch	
13:15h	C-ICU Visit	
14:15h	Final Remarks	
15:30h	Airport Transfer	

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