

Peer to Peer

# Building Your Impella Program

Hands on!



## Integrated tMCS School: From Cutting Edge Elective Protected Revascularization to Cardiogenic Shock Treatment Strategies

DATE	LOCATION	COURSE DIRECTORS
Thursday, 06 November 2025 Friday, 07 November 2025	Park Plaza County Hall Hotel 1 Addington St, London SE1 7RY	<b>Vasileios Panoulas</b> Harefield Hospital <b>Sohail Q. Khan</b> Queen Elizabeth Hospital

### Day 1 | The role of MCS on protected PCI - elective patients

<b>12:00h</b>	<b>Arrivals and Lunch</b>	
12:30h	Welcome and course objectives	Jonhson & Jonhson team
12:35h	Patient selection and evidence for Protected PCI	Vasileios Panoulas
13:00h	Science of Unloading: Time is tissue	Christopher Bowles
13:30h	Vascular access: Insertion, femoral complications and closure strategies	Sohail Q. Khan
<b>14:00h</b>	<b>Coffee break</b>	
14:15h	Case in a box: Impella® insertion and positioning	Vasileios Panoulas
14:45h	PCI in patients with reduced ejection fraction	Mohammad Alkhalil
15:15h	Pre - per and post procedural Impella management in Cathlab	Farzin Fath-Ordoubadi
15:45h	Protected high risk elective surgery	Maria Monteagudo-Vela
	<b>Break-out Sessions (rotation 40.min)</b>	
	• Impella® fundamentals, Insertion, tips and tricks	Sohail Q. Khan
16:15h	• Ultrasound guided access	Mohammad Alkhalil
	• Closure devices	Vasileios Panoulas
	<b>Coffee Break during breakout sessions</b>	<i>Supported by Johnson &amp; Johnson team</i>
18:15h	Discussion: Recap of learnings	All
18:30h	End of day 1	
<b>19:30h</b>	<b>Networking Dinner</b>	

## Day 2 | Cardiogenic shock and the role of mechanical support

<b>08:30h</b>	<b>Welcome day 2</b>	
08:35h	Epidemiology and definition of cardiogenic shock, short- and long-term outcomes, differential diagnosis of shock	Christophe Vandembrielle
08:55h	Management of cardiogenic shock, pharmacotherapy	Sern Lim
09:35h	Overview of mechanical support devices, main randomized clinical studies using MCS	Waqas Akhtar
09:50h	Impella for cardiogenic shock, DanGer shock study	Vasileios Panoulas
<b>10:15h</b>	<b>Coffee break</b>	
10:30h	LV unloading in VA ECMO treated cardiogenic shock	Waqas Akhtar
10:50h	Management of Cardiogenic Shock: PCI Strategy and Timing of MCS During PCI	Mohammed Alkhalil
11:15h	Echocardiography in mechanically supported patients – why when how?	Christophe Vandembrielle
11:35h	Complications in MCS: bleeding and vascular issues	Christophe Vandembrielle
12:00h	<b>Lunch break</b>	
12:45h	Escalation and de-escalation	Sern Lim
	<b>Break-out Sessions (rotation 30.min)</b>	
13:05h	A. Hemodynamics simulation	Christopher Bowles
	B. AIC Simulation and troubleshoot cases	Johnson & Johnson team
14:05h	Surgical Interventions in AMICS: Call us early, not just in crisis	Maria Monteagudo-Vela
14:20h	Basic ICU Management of cardiogenic shock	Christophe Vandembrielle
	<b>Quick fire cases:</b>	
	- Mitral valve pap muscle rupture shock – Clip Impella	Fernando Riesgo Gil
	- Impella regret	Sohail Q. Khan
14:40h	- STEMI cardiogenic shock supported by Impella	Vasileios Panoulas
	- Non ischaemic Cardiogenic Shock	Maria Monteagudo-Vela
	- Cardiac arrest/Cardiogenic Shock treated with VA ECMO	Vas Panoulas & Maria Monteagudo-Vela
	- RV support	Maria Monteagudo-Vela
	- eCPR	Waqas Akhtar
15:30h	Closing and take aways messages	
<b>15:45h</b>	<b>Departures</b>	

