

Hemodynamic Monitoring in ED

Theme: Modern Hemodynamic Monitoring – From Basics to Cutting-Edge Technologies

Target Audience: Emergency Medicine, Critical Care, Anesthesia – Residents, Fellows, Consultants, ICU Nurses

Session	Time	Type	Topic / Station	Speaker	Format	Notes
Registration	8:30 AM – 8:45 AM	Admin	Registration	—	—	
Pre-Workshop	8:45 AM – 9:00 AM	Assessment	Pre-Workshop Assessment	Faculty	Written/Quiz	
Session 1	9:00 AM – 9:20 AM	Talk	Importance of Hemodynamic Monitoring in Modern ED and ICU	Dr Shanaz Mathew Sajeed	Lecture	
Session 1	9:20 AM – 9:40 AM	Talk	Traditional Monitoring of BP and CO – Swan-Ganz Inclusive	Dr Rajiv Ratan	Lecture	
Session 1	9:40 AM – 10:00 AM	Talk	Hemodynamic Phenotypes in Shock	Dr Amlendu Yadav	Lecture	
Session 1	10:00 AM – 10:20 AM	Talk	Non-Invasive and Minimally Invasive Technologies – Bioimpedance, Pulse Contour Analysis and Electrical	Dr Divya Srivastava	Lecture	
Session 1	10:20 AM – 10:40 AM	Demo	Newer Device Demonstration	—	Live Demo	
Break	10:40 AM – 11:00 AM	Break	Tea Break	—	—	
Session 2 – Station 1	11:00 AM – 1:00 PM	Rotation Workstation	POCUS – RUSH Protocol	Faculty (TBC)	Hands-On	Delegates rotate across 8 stations (approx. 15 min each)
Session 2 – Station 2	11:00 AM – 1:00 PM	Rotation Workstation	Lung USG	Dr Somnath Longani	Hands-On	
Session 2 – Station 3	11:00 AM – 1:00 PM	Rotation Workstation	Stroke Volume Variation	Dr Anil Verma	Hands-On	
Session 2 – Station 4	11:00 AM – 1:00 PM	Rotation Workstation	Pulse Pressure Variation	Dr Tapas Singh	Hands-On	
Session 2 – Station 5	11:00 AM – 1:00 PM	Rotation Workstation	Swan-Ganz Catheter	Dr Divya Srivastava	Hands-On	
Break	1:00 PM – 2:00 PM	Break	Lunch Break	—	—	
Session 3	2:00 PM – 2:30 PM	Talk + Demo	VExUS – Concept and Video Demonstration	Dr Anil Verma	Lecture + Video	
Session 4 – Station A	2:30 PM – 4:00 PM	Rotation Workstation	Arterial Waveform Interpretation	Dr Anil Verma	Hands-On Skill Station	Delegates rotate across 3 stations (approx. 30 min each)
Session 4 – Station B	2:30 PM – 4:00 PM	Rotation Workstation	Central Venous Monitoring	Dr Tapas Singh	Hands-On Skill Station	
Session 4 – Station C	2:30 PM – 4:00 PM	Rotation Workstation	ScvO ₂ Interpretation	Dr Somnath Longani	Hands-On Skill Station	
Session 5	4:00 PM – 4:30 PM	Panel Discussion	Choosing the Right Monitor for the Right Patient + ROSE Protocol	Panel moderated by Dr Yash Javeri	Panel Discussion	
Closing	4:30 PM – 4:45 PM	Assessment	Post-Course Assessment – Kahoot Quiz	All Faculty	Kahoot Quiz	
Closing	4:45 PM – 5:00 PM	Ceremony	Feedback, Certificate Distribution and Tea	—	—	