

**32<sup>nd</sup> Annual Conference of Indian Society of Critical Care Medicine**

Workshops: 25<sup>th</sup> & 26<sup>th</sup> February 2026 | Conference: 27<sup>th</sup> February, 28<sup>th</sup> February & 1<sup>st</sup> March 2026

Theme: Humanisation in the Era of Data Science | Venue: Chennai Trade Centre, Chennai, Tamilnadu

## Hemodynamic Monitoring Workshop

**25th & 26th Feb 2026 | Radisson Blu GRT Near Airport – Royal Ballroom 3**

### National Lead



**Sheila Nainan Myatra**

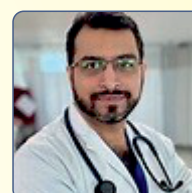
### National Directors



**Sunil Karanth**



**Shilpushp Bhosale**



**Deven Juneja**

### Local Coordinator



**Sathya A.C**

## MEET OUR EXPERT FACULTY



**Akshay Kumar Chhallani**



**Ashish Khanna**



**Bikram Kumar Gupta**



**Daniel De Backer**



**J V Divatia**



**Michelle Chew**



**Natesh Prabu**



**Rakesh Nongthombam**



**Suhail Siddiqui**



**Vijaya Patil**

**For more details**

**[www.criticare.isccm.org](http://www.criticare.isccm.org)**



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Hemodynamic Monitoring Workshop			
Time	Topic	Faculty	Chairperson
Day 1 : 25th February 2026, Wednesday			
Physics and Physiology			
0900 - 0915	Physics and physiology of invasive arterial pressure monitoring and interpretation	Vijaya Patil	Sheila Nainan Myatra Bikram Kumar Gupta Sathya AC
0915 - 0930	Physiology and interpretation of central venous pressure	Shilpushp Bhosale	
0930 - 0945	Pulmonary artery pressure monitoring and interpretation	J V Divatia	
0945 - 1000	Question and Answers		
1000 - 1100	STATION I (3 Rotations of 30 mins each)		
3o mins	Ultrasound guided central line insertion	Akshaykumar Chhallani Deven Juneja Sathya AC	
3o mins	Arterial Cannulation techniques, trasducing arterial pressure and interpretation	Shilpushp Bhosale Rakesh Nongthombam	
1100 - 1130	TEA BREAK		
Assessing the Patient in Shock			
1130 - 1145	Clinical assessment of tissue perfusion	Suhail Siddiqui	Sunil Karanth Shilpushp Bhosale Akshaykumar Chhallani Deven Juneja
1145 - 1200	Biochemical Markers to Assess Tissue Perfusion	J V Divatia	
1200-1215	How to Predicting Fluid Responsiveness	Sheila Nainan Myatra	
1215 - 1230	Focused echocardiography for undifferentiated shock	Vijaya Patil	
1230 - 1240	Question and Answers		
1240 - 1330	LUNCH BREAK		
1330 - 1530	STATION II (2 Rotations of 1hr each)		
1 Hour	How I do it : Passive Leg Raising, End Expiratory Occlusion Test and Tidal Volume Challenge -Live Demonstration	Sheila Myatra Natesh Prabu Suhail Siddiqui	

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1 Hour	Initial echocardiographic assesment of a patient in shock	Vijaya Patil Sunil Karanth Shilpushp Bhosale Bikram Kumar Gupta	
<b>Fluid Challenge and Fluid Therapy</b>			
1530-1545	Role of a Fluid Challenge	Natesh Prabu	JV Divatia Sunil Karanth
1545-1605	Fluid Resuscitation: Which fluid ?	Deven Juneja	Suhail Siddiqui
1605 - 1620	Fluid Accumulation Syndrome	Akshaykumar Chhallani	Rakesh
1620 - 1635	Deresuscitation : Why, When and How	Bikram Kumar Gupta	Nongthombam
1635-1645	<b>Question and Answers</b>		
1645 - 1715	Putting it all together - Case Based Discussion (All Speakers)	Moderator : Sheila Nainan Myatra	
<b>Day 2 : 26th February 2026, Thursday</b>			
<b>Cardiac Output Monitoring and Vaoactive Drug Therapy</b>			
0900 - 0920	Rationale use of vasopressors in shock	Daniel De Backer	
0920 - 0940	Inotropes - which one and when ?	Michelle Chew	Sheila Nainan Myatra
0940 - 0955	Transpulmonary thermodilution and pulse contour based cardiac output measurements	Daniel De Backer	Deven Juneja Natesh Prabu
0955 - 1015	Minimally Invasive cardiac output monitoring	Michelle Chew	
1015-1030	<b>Question and Answers</b>		
1030 - 1100	<b>Tea Break</b>		
1100 - 1300	<b>STATION 3</b>		
30 mins	Performing transpulmonary thermodilution	Suhail Siddiqui Bikram Kumar Gupta Rakesh Nongthombam	
30 mins	Use of minimally Invasive cardiac output monitors	Akshaykumar Chhallani Deven Juneja Sathya AC	
1 Hour	Live Scenarios using the SimPaT simulator	Sheila Nainan Myatra Natesh Prabu	

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1400-1500	Live Demonstration of Hemodynamic Assessment and Monitoring using Echocardiography	<b>Masters</b> Daniel DeBacker Michelle Chew <b>Assisted by</b> Sunil Karanth Shilpushp Bhosale	<b>Moderator</b> Vijaya Patil
<b>Refractory Shock</b>			
1500-1520	Challenge in the Management of Refractory Shock : Case Based Discussion	Ashish Khanna	Vijaya Patil Sunil Karanth Shilpushp Bhosale
1520 - 1540	VA ECMO Support and monitoring	Sunil Karanth	
1540-1600	Personalized approach to advanced monitoring	Daniel De Backer	
1600-1615	<b>Question and Answers</b>		
1615-1700	Hemodynamic Quiz using the Mentimeter	<b>Quiz Masters</b> Sathya AC Sheila Nainan Myatra	
1700-1715	Wrap up and Certification		

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**Dr Srinivas Samavedam**  
President, ISCCM  
Organising Chairperson

**Prof Pradip Kumar Bhattacharya**  
Imm. Past President, ISCCM  
Co-Chairperson & Chairperson,  
Abstract Committee

**Dr Ranvir Singh Tyagi**  
President Elect, ISCCM  
Chairperson,  
Scientific Committee

**Dr Sachin Gupta**  
General Secretary, ISCCM  
Organising Secretary