

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)



Hemodynamic Monitoring Workshop				
Time	Topic	Faculty	Chairperson	
<b>Day 1: 25th February 2026, Wednesday</b>				
<b>Physics and Physiology</b>				
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	<b>Question and Answers</b>			
1000 - 1100	<b>STATION I (3 Rotations of 30 mins each)</b>			
30 mins	Ultrasound guided central line insertion	Akshaykumar Chhallani Deven Juneja Sathya AC		
30 mins	Arterial Cannulation techniques, trasducing arterial pressure and interpretation	Shilpushp Bhosale Rakesh Nongthombam		
1100 - 1130	<b>TEA BREAK</b>			
<b>Assessing the Patient in Shock</b>				
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	<b>LUNCH BREAK</b>			
1330 - 1530	<b>STATION II (2 Rotations of 1hr each)</b>			
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 assessment of a patient in shock	Vijaya Patil Sunil Karanth Shilpushp Bhosale Bikram Kumar Gupta	
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### Fluid Challenge and Fluid Therapy

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	

**Day 2 : 26th February 2026, Thursday**

### Cardiac Output Monitoring and Vasoactive Drug Therapy

0900 - 0920	Rationale use of vasopressors in shock	Daniel De Backer	Sheila Nainan Myatra Deven Juneja Natesh Prabu
0920 - 0940	Inotropes - which one and when ?	Michelle Chew	
0940 - 0955	Transpulmonary thermodilution and pulse contour based cardiac output measurements	Daniel De Backer	
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