



**Full Day Workshop | 24.10.21**

**Hemodynamic Monitoring**

**DR. SHEILA MYATRA**

Workshop Director

**Register Here**



Time	<b>Physics and Physiology</b> <b>Chairpersons : Ramesh V, S Ramasubban and Amol Kotheekar</b>	
8.00–8.15	Physiology of invasive arterial pressure monitoring	Vijaya Patil
8.15–8.30	Physiology of central venous pressure and measurements	Ramesh V
8.30–8.45	Assessing cardiovascular physiology using the PAC	JV Divatia
8.45–9.00	Physics of echocardiography	Shilpushp Bhosale
9.00–9.15	Physiology of heart lung interactions	Atul Kulkarni
9.15–9.30	Question and Answer	
	<b>Workstation 1</b> <b>Chairpersons : Shrikanth Srinivasan and Shilpushp Bhosale</b>	
9.30–9.45	Arterial cannulation – techniques and interpretation	Saif Mohd. Khan
9.45–10.00	Ultrasound guided CVC cannulation	Harish MM
10.00–10.15	Interpretation of data from the PA Catheter	S. Ramasubban
10.15–10.30	Question and Answer	
	<b>Basic Echocardiography and Lung Ultrasound</b> <b>Chairpersons : Rahul Pandit and Vivek Kumar</b>	
10.30–10.45	Transthoracic echocardiography: basic views	Amol Kotheekar
10.45–11.00	Transesophageal echocardiography: basic views	Kishore Pichamuthu
11.00–11.15	Hemodynamic monitoring using lung ultrasound	Deepak Govil
	<b>Workstation 2 (Video Session)</b>	
11.15–11.45	Basic echocardiographic assessment in shock – Deepak Govil, Srikanth Srinivasan & Amol Kotheekar	
11.45–12.00	Question and Answer	
	<b>Transpulmonary thermodilution &amp; Measuring Cardiac Output</b> <b>Chairpersons : Ram Rajagopalan, Atul Kulkarni and Suhail Siddiqui</b>	
12.00–12.15	Transpulmonary thermodilution	JL Teboul
12.15–12.30	Pulse contour based cardiac output measurements	Xavier Monnet
12.30–12.45	Measuring cardiac output using echocardiography	Daniel De Backer
12.45–13.00	Non invasive cardiac output monitoring	Srinivas S
13.00–13.15	Question and Answer	

<b>Workstation 3</b> <b>Chairperson : Amol Kothekar and Harish MM</b>		
13.15–14.00	Transpulmonary thermodilution and CO monitoring devices : Shilpushp Bhosale, Suhail Siddiqui & Natesh Prabu	
<b>Fluid Responsiveness</b> <b>Chairpersons: JV Divatia, Sheila Myatra and Natesh Prabu</b>		
14.00–14.12	The concept of fluid responsiveness	Sheila Myatra
14.12–14.24	Fluid Challenge	Maurizio Cecconi
14.24–14.36	Tidal Volume Challenge	Sheila Myatra
14.36–14.48	Role of echocardiography	Daniel DeBacker
14.48–15.00	End Expiratory Occlusion Test	Xavier Monnet
15.00–15.12	Passive Leg Raising	JL Teboul
15.12–15.30	Question and Answer	
<b>Workstation 4 (Case based discussion)</b>		
15.30–16.15	Understanding fluid responsiveness Moderator –JV Divatia, Panelists – JL Teboul, Xavier Monnet, Daniel De Backer, Sheila Myatra	
<b>Prediction of Arterial Pressure Response to Volume Loading</b> <b>Chairperson: Ram Rajagopalan</b>		
16.15–16.30	Dynamic arterial elastance	Maurizio Cecconi
16.30–16.45	Question and Answer	
<b>Monitoring tissue perfusion</b> <b>Chairpersons: Atul Kulkarni and Srinivas Samavedham</b>		
16.45–17.00	SvO2 and lactate measurement in the critically ill	Daniel DeBacker
17.00–17.15	Understanding PCO2 gap	JL Teboul
17.15–17.30	Monitoring the microcirculation	Can Ince
17.30–17.45	Question and Answer	
<b>Echocardiography in Special Situations</b> <b>Chairpersons: Deepak Govil, Kishore Pichamuthu, Vijaya Patil</b>		
17.45–18.00	Myocardial infarction	Vivek Kumar
18.00–18.15	Pulmonary embolism	Rahul Pandit
18.15–18.30	Right ventricular dysfunction	Ram Rajagopalan
<b>Workstation 5 (Video Session)</b>		
18.30–19.00	Advanced echocardiography – Vivek Kumar & Rahul Pandit	

For More information:

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