



Full Day Workshop | 24.10.21

Hemodynamic Monitoring

DR. SHEILA MYATRA

Workshop Director

Register Here



Time	Physics and Physiology Chairpersons : Ramesh V, S Ramasubban and Amol Kotheekar	
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	
	Workstation 1 Chairpersons : Shrikanth Srinivasan and Shilpushp Bhosale	
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	
	Basic Echocardiography and Lung Ultrasound Chairpersons : Rahul Pandit and Vivek Kumar	
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
	Worstation 2 (Video Session)	
11.15–11.45	Basic echocardiographic assessment in shock – Deepak Govil, Srikanth Srinivasan & Amol Kotheekar	
11.45–12.00	Question and Answer	
	Transpulmonary thermodilution & Measuring Cardiac Output Chairpersons : Ram Rajagopalan, Atul Kulkarni and Suhail Siddiqui	
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	

Workstation 3 Chairperson : Amol Kothekar and Harish MM		
13.15–14.00	Transpulmonary thermodilution and CO monitoring devices : Shilpushp Bhosale, Suhail Siddiqui & Natesh Prabu	
Fluid Responsiveness Chairpersons: JV Divatia, Sheila Myatra and Natesh Prabu		
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	
Workstation 4 (Case based discussion)		
15.30–16.15	Understanding fluid responsiveness Moderator –JV Divatia, Panelists – JL Teboul, Xavier Monnet, Daniel De Backer, Sheila Myatra	
Prediction of Arterial Pressure Response to Volume Loading Chairperson: Ram Rajagopalan		
16.15–16.30	Dynamic arterial elastance	Maurizio Cecconi
16.30–16.45	Question and Answer	
Monitoring tissue perfusion Chairpersons: Atul Kulkarni and Srinivas Samavedham		
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	
Echocardiography in Special Situations Chairpersons: Deepak Govil, Kishore Pichamuthu, Vijaya Patil		
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
Workstation 5 (Video Session)		
18.30–19.00	Advanced echocardiography – Vivek Kumar & Rahul Pandit	

For More information:

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