

THEMATICC' 2023

Scientific Program

Tutorials in Hemodynamic Monitoring & Therapy in Critical Care' 23

Venue: ACTREC, Tata Memorial Hospital, Kharghar Mumbai

Day 1: 18th NOV 2023



DATE	TOPIC	FACULTY
Session: Physics and Physiology		
09:00 am – 09:10 am	Welcome address, Introduction to course	J V Divatia
09:10 am – 09:30 am	Physics and Physiology of invasive pressure measurement	Vijaya Patil
09:30 am – 09:50 am	Monitoring and interpretation of Central venous Pressure and waveforms	Atul Kulkarni
09:50 am – 10:10 am	Physiology of Pulmonary Artery Pressure measurements	J V Divatia
10:10 am – 10:30 am	Heart lung interactions	Ashit Hegde
Tea Break		
Assessment of Fluid Responsiveness		
10:50 am – 11:05 am	Fluid Challenge in the ICU	Ashit Hegde
11:05 am – 11:35 am	Principles of CO measurement	Harish MM
11:35 am – 11:50 am	Passive Leg Raising	Jacob George
11:50 am – 12:05 pm	Preload responsiveness (PPV, TVC, EEOT & OTHERS.)	Natesh Prabhu
12:05 pm – 12:20 pm	Fluid Tolerance an emerging concept (15 min)	Amit Narkhede
12:20 pm – 12:45 pm	Q & A & Discussion	All Faculty
Lunch		
Workshop		
02:00 pm – 03:20 pm	Arterial cannulation and pressure transducer set up	Bhakti T, Madhavi D, Jeson D Gauri G
	Clinical assessment & management of Hypotensive patient. Integrating data of CVP/PAC and arterial line	Harish MM, Sudivya S, Shruti G
	Transthoracic Echocardiography: Basic Views and USG guided CVC placement (3 tables)	Natesh P, Vikas B Amit N Suhail S,
Tea Break		
Interactive Case Discussion		
03:45 pm – 04:15 pm	Shock scenario 1 (cardiogenic shock)	Jacob G, Archana S, Debashree L, Pravin D , Roshni R
04:15 pm – 04:45 pm	Shock scenario 2 (septic shock)	Natesh P, Gunadhar P, Sudivya S, Ashwini R, Manoj M
04:45 pm – 05:15 pm	Shock scenario 3 (obstructive shock)	Harish MM, Suhail S, Vikas B, Swapnil P, Virinchi S

Day 2, Sunday 19th Nov 2023

DATE	TOPIC	FACULTY
09:00 am – 09:20 am	Failure to Wean- due to cardiac problems hemodynamic considerations and optimization	Vikas Bhagat
09:20 am – 09:40 am	Right Ventricular Dysfunction in Critically ill	Harish MM
09:40 am – 10:00 am	ROSE and SOSD concepts. Does de-escalation of fluid change patient outcomes?	Jacob George
10:00 am – 10:20 am	Lactates & SCVO ₂ , PCO ₂ gap	Archana Srivastava
10:20 am – 10:40 am	IABP: indications, setup, waveform interpretation and troubleshooting	Gunadhar Padhi
Tea Break		
11:10 am – 11:30 am	Microcirculation monitoring In Critically Ill	Rishi Kumar
11:30 am – 11:50 pm	ECMO for CV support	Pavan K
11:50 pm – 12:20 pm	Vexus Ultrasound	Natesh Prabhu
12:20 pm – 12:40 pm	Rational use of vasoactive agents in ICU	Sudivya Sharma
Lunch		
Workshop		
01:40 pm – 03:00 pm	Transpulmonary Thermodilution: Technique (TPTd) & Case Scenario	Atul Kulkarni, Suhail S, Anjana W, Sukhada S
	Arterial pressure-based (APCO) and other Non-Invasive measurements of cardiac output	Jacob G, Sudivya S, Archana S, Gauri G
	Echocardiographic assessment of a patient in shock (3 tables)	Natesh P, Vikas B , Amit N, Pavan K, Gunadhar P
03:00 pm – 03:30 pm	Integrating clinical and hemodynamic data for patient management	Vijaya Patil / A Kulkarni