



28th Annual Conference of
Indian Association of Cardiovascular Thoracic Anaesthesiologists
**IACTACON
2025** KOCHI

ORGANISED BY IACTA COCHIN CHAPTER

28th ANNUAL CONFERENCE OF INDIAN ASSOCIATION OF
CARDIOVASCULAR AND THORACIC
ANAESTHESIOLOGISTS

THURSDAY 20TH FEB - SUNDAY 23RD FEB 2025

► **IMA HOUSE, KOCHI, KERALA**

Hemodynamic Monitoring Workshop



AGENDA

Our workshop will cover a wide range of topics, including:

- Lectures in Basic physics of invasive and non invasive HD monitoring
- Hands on for all invasive and advanced HD monitoring
- Four workstations with all invasive lines and monitors including case scenarios on mannequin
- Quiz and exciting prizes at the end of workshop
- Senior national and international faculty



Dr. Uday Gandhe
Mumbai



Dr. Manoj Chauhan
Mumbai



Dr. Sanjeeta Umbarkar
Mumbai



Dr. Arnab Paul
Mumbai



Dr. Vikram Vardhan
Gorakhpur



Dr. Samrat Madanaik
Karad



Dr. Prasanna Salvi
UK



Dr. Vishwas Sathe
Mumbai

Register Now!!



Workshop Details:

📅 February 20, 2025 ⌚ 10:00 AM - 04:00 PM

📍 IMA HOUSE, KOCHI, KERALA

Register here



HEMODYNAMIC MONITORING WORKSHOP

IACTACON 2025, IMA HOUSE, KOCHI, 20TH FEBRUARY

10.00 - 10.15	Physics Of Invasive Pressure Monitoring & Physiology of Arterial Pressure, CVP & PAP Monitoring	Dr. Arnab Paul
10.15 - 10.30	Invasive & Non Invasive Methods of Cardiac Output Monitoring	Dr. Uday Gandhe
10.30 - 10.45	Selecting Optimal HD monitoring	Dr. Vikram Vardhan
10.45 - 11.00	Interpretation of Haemodynamic data	Dr. Manoj Chauhan
11.00 - 11.15	Understanding the microcirculation, ScVO2 and VApCO2 gap, lactate and its application to a shocked patient.	Dr. Sanjeeta Umbarkar
11.15 - 11.30	Echocardiography based hemodynamic monitoring: Assessing Fluid responsiveness and Optimising fluid status with bedside Echo.	Dr. Samrat Madanaik
11.30 - 11.45	From noninvasive to invasive monitoring to minimally invasive monitoring - Have we turned a full circle? Volume clamp technology Edwards Lifesciences	
11.45 - 12.00	Paediatric hemodynamic monitoring	Dr. Prasanna Salvi
12.00 - 12.30	Integration of Hemodynamic data at bedside I - CASE SCENARIO 1.Obstructive shock 2. Cardiogenic shock	Dr. Vishwas Sathe
12.30 - 01.00	Integration of Hemodynamic data at bedside II - CASE SCENARIO 3.Septic shock 4. Hypovolemic hemorrhagic shock	Dr. Sanjeeta Umbarkar
01.00 - 01.30	LUNCH	
01.30 - 03.30	WORKSTATIONS	
	1. CVP, PAP catheters, Invasive BP line set up, Transducers, closed blood sampling, interpretation	
	2. PICCO, FLOTRAC, other non invasive BP monitoring	
	3. Hands on advanced hemodynamic monitoring - hemosphere, Swan-Ganz, NIRS	
	4. SIMULATOR / ECHO (If Availabel)	
03.30 - 04.00	QUIZ and Discussion	
	COORDINATING FACULTY -	
	FACULTY - Dr. Uday Gandhe (consultant cardiac Anesthesiologist, Hinduja, Lilavati hospital, Mumbai) Dr. Sanjeeta Umbarkar (Prof & head, dept of Cardiac Anesthesia, KEM hospital, Mumbai) Dr. Vishwas Sathe (Prof & head, dept of cardiac Anesthesia, MGMMC, Nerul, Mumbai) Dr. Manoj Chauhan (Prof & head, dept of Anesthesia, Asian heart institute,Mumbai) Dr. Prasanna Salvi (Consultant, Paediatric Cardiac Anaesthesiologist University Hospitals Of Leicester. UK) Prof. Dr. Vikram Vardhan (Chief Anaesthesiology, Pain Medicine and Critical Care AIIMS, Gorakhpur) Dr. Samrat Madanaik (Consultant Cardiac Anaesthesiologist, Karad) Dr. Arnab Paul (consultant Anesthesiologist, Hinduja hospital, Mumbai)	