



Cordially invites you to the CME

BEYOND THE VAPOUR

THE FUTURE OF **ANESTHESIA**



DRUGS, DEVICES & DEPTH

November 23, 2025 | 9th Floor, Auditorium - 1,
Yashoda Hospitals, Secunderabad

Registration Fee : ₹750/-

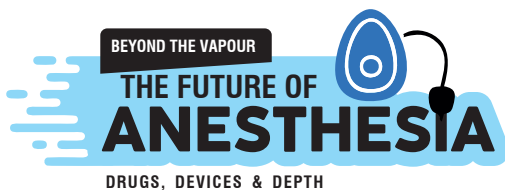
Early Bird Registration

Applied 2 TGMC Credit Hours

RSVP: Dr. Shirish 958 186 4868
Mr. Narender Mora 900 000 6251



PROGRAM SCHEDULE



HIGHLIGHTS

1. Hands-on Like Never Before

Gain unparalleled practical exposure to TCI, CLADSS, IONM, and Advanced Monitoring technologies rarely accessible outside major centers.

2. Master TIVA/TCI

Bridge the gap between theory and clinical expertise through interactive sessions using real infusion models.

3. Objective Anesthesia

Decode Depth and Analgesia Monitoring to achieve precision-guided, patient-specific anesthesia delivery.

4. Step into the Future

Witness live demonstrations of the Closed-Loop Anesthesia Drug Delivery System (CLADSS).

5. Boost Your Professional Profile

Earn a CME certificate and hands-on proficiency in cutting-edge anesthesia innovations shaping the future of perioperative care.



CHIEF GUEST

Dr. Pavan Gorukanti, MD
Pulmonary & Critical Care (ABIM),
Director - Yashoda Hospitals

GUEST OF HONOUR



Dr. Lingaiah
Director - Medical Services
Yashoda Hospitals

SPECIAL GUEST



Dr. Vishnu Reddy
Director - Medical Services
Yashoda Hospitals

UNIT HEAD



Dr. Vijay Kumar
Yashoda Hospitals,
Secunderabad

ORGANISING CHAIRPERSON



Dr. P. Rajeshwar
HOD, Anaesthesia
Yashoda Hospitals, Secunderabad



Dr. Vishwanath S Bhair
Consultant Anaesthesia,
Yashoda Hospitals, Secunderabad

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NATIONAL FACULTY



Dr. Subramanyam S Mahakali
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Dr. Dheeraj Masapu
Senior Consultant and Head,
Dept. of Neuroanaesthesia &
Neuro Intensive care
Aster White field Hospital,
Bangalore



Dr. Prasanna Bidkar
Professor Dept. of
Neuroanaesthesia
JIPMER,
Pondicherry



PROGRAM SCHEDULE November 23, 2025

08:30 am - 09:00 am	Topic	: Registration and Opening Remarks : “A New Era Beyond Vapours - Welcome to Precision Anesthesia”
09:00 am - 09:25 am	Session 1	: From Dial to Target - Understanding the Science Behind TCI & TIVA Introduction to Target Controlled Infusion (TCI) and Total Intravenous Anesthesia (TIVA) - Principles, pharmacokinetics, and clinical logic.
09:25 am - 09:40 am	Session 2	: Propofol Models Unplugged - Marsh, Schnider, and Beyond How model selection shapes induction, maintenance, and emergence - decoding pharmacological precision.
09:40 am - 10:00 am	Session 3	: The Power of Precision - TCI Models for Remifentanyl and Other Intravenous Agents Exploring the Minto model and expanding horizons with multimodal TCI systems.
10:00 am - 10:20 am	Session 4	: Safe and Smart Practice - Setting Up TCI Pumps and Clinical Guidelines Practical steps, setup nuances, safety algorithms, and troubleshooting tips for reliable TCI delivery.
10:20 am - 10:30 am		: Tea Break “Recharge before you reprogram!”
10:30 am - 11:30 am		: Hands-on Demo 1: Mastering the Machines - Practical Demonstration of Different TCI Models Live operation of Propofol and Remifentanyl TCI pumps - hands-on calibration, target setting, and fine-tuning.
11:30 am - 11:45 am		: Tech Spotlight : Closed-Loop Anesthesia Delivery System (CLADS) in Action Where artificial intelligence meets Anesthesia - see automation redefine depth control.
11:55 am - 12:15 pm	Session 5	: Depth Matters - Monitoring Anesthesia During TCI & TIVA Advanced EEG-based indices and integrated multimodal monitoring - from BIS to Entropy and SedLine.

12:15 pm – 12:30 pm	Session 6	: Measuring Pain in the Unconscious - Intraoperative Analgesia Monitoring Using pupillometry, SPI, and CONOX to titrate analgesia in real time.
12:30 pm – 12:45 pm	Session 7	: Relax, Reverse, Reassure – Neuromuscular Monitoring and Sugammadex in Modern Anesthesia Quantitative NMT monitoring, safety algorithms, and the Sugammadex revolution.
12:45 pm – 01:00 pm	Session 8	: Precision in the Brain – TCI in Neurosurgery Optimising cerebral perfusion, evoked potentials, and patient outcomes with balanced TCI strategies.
01:00 pm – 02:00 pm		: Lunch Break “Feed the mind, then fuel the hands-on.”

AFTERNOON HANDS-ON WORKSHOPS

02:00 pm – 03:20 pm	Hands-on Session:	Device, Drug, and Depth – Touch, Test, and Train
	Station 1	: Depth of Anesthesia Monitors – BIS, Entropy, SedLine: interpreting the numbers behind the brain.
	Station 2	: Analgesia Monitors – Pupillometry, CONOX, SPI: quantifying the invisible.
	Station 3	: Neuromuscular Monitoring – From simple twitch to PTC and DBS: objective muscle monitoring in practice.
	Station 4	: Introduction to Intraoperative Neurophysiological Monitoring (IONM) – bridging Anesthesia and neuroprotection.
03:20 pm – 04:00 pm	Panel Discussion:	Real-World Scenarios in TCI Practice - Decisions That Define Depth Case-based discussions with experts on tailoring TCI for diverse surgical needs.
04:00 pm – 05:00 pm	Tooic	: The Brainwave Quiz – “Beyond Vapour Challenge” Team up, test your knowledge, and win exciting prizes!
05:00 pm		: Certificate Distribution & Closing Remarks “Taking Anesthesia Beyond Vapour - Towards Precision and Depth.”



CENTER OF EXCELLENCE

