

SEMINAR HALL
CME SPECIAL FOR POSTGRADUATES

Day 1: 25th July 2025

Time	Topics	Speaker
Session 1:	Intravenous infusion anaesthesia and. PK/PD <i>Chairpersons:</i>	
15:30-15:50	<i>Pharmacokinetic principles</i> ; compartment modelling, effect site concentration, context-sensitive plasma halftime	
15:50-16:10	<i>Pharmacodynamic principles;</i> Therapeutic serum concentrations: sedative-hypnotics and opioid analgesia	
Session 2:	Video based session <i>Chairpersons:</i>	
16:10-16:20	<i>IV anaesthetic delivery systems</i> delivery devices	
16:20-16:30	CLADS	
16:30-16:40	TIVA trainers/ Simulators	
Session 3:	Foundations in sleep and anaesthesia <i>Chairpersons:</i>	
16:40-17:00	Awareness during general anaesthesia	
17:00-17:20	Depth of Anaesthesia Monitors: Similarities and Differences	
Session 4	Control strategies for clinical evaluation of propofol anaesthesia administration <i>Chairpersons:</i>	
17:20-17:40	Introduction to Control System ; Open Loop, Closed Loop Systems	
17:40-18:00	Closed Loop Algorithms: Adaptive Control, PID, Machine Learning, Fuzzy Logic	

EVENTS IN CRYSTAL HALL

DAY 2; 26th July 2025

SESSION 5:	A, B and C of management of adverse events with Propofol <i>Chairpersons:</i>	
09:00- 09:15	Propofol Infusion Syndrome	
09:15-09:30	Allergic reaction to propofol	
SESSION 6:	Phenol derivatives and new formulations of propofol <i>Chairpersons:</i>	
09:30-09:45	Ciprofol, Fospropofol	
09:45-10:00	MCT/LCT Propofol	
10:00-11:00	SESSION IN CRYSTAL HALL	
SESSION 7:	TIVA beyond the operating room- tips and tricks <i>Chairpersons:</i>	
11:00-11:15	MRCP	
11:15-11:30	Bronchoscopy	
SESSION 8:	How I do it; video based interactive talks <i>Chairpersons:</i>	
11:30-11:45	Radiotherapy	
11:45-12:00	POEM	
12:00-14:00	SESSION IN CRYSTAL HALL	
SESSION 9:	PRO/CON SESSION <i>Chairpersons:</i>	
14:00-14:20	To use or not to use nitrous oxide	Pro Con
14:20-14:40	Ketamine versus etomidate as an induction agent for tracheal intubation	Pro Con
SESSION 10:	Support/ refute the statement <i>Chairpersons:</i>	

14:40-1500	Ketofol based TIVA should be preferred in children over ketodex	Support Refute
15:00-15:20	Dexmedetomidine is a better sedative agent than propofol in intensive care unit	Support refute
SESSION 11	TIVA in special surgical populations	
	<i>Chairpersons:</i>	
15:20-15:40	Ophthalmic anaesthesia	
15:40-1600	Scoliosis repair surgery	
SESSION 12	TIVA for the brain	
	<i>Chairpersons:</i>	
16:00-16:20	Electroconvulsive therapy	
16:20-16:40	Awake brain craniotomy	
SESSION IN CRYSTAL HALL		
DAY 3; 27th July 2025		
SESSION 13	Anti inflammatory and anti-oxidant properties of propofol	
	<i>Chairpersons:</i>	
9:00-09:20	Propofol anaesthesia influences cancer recurrence: myth or reality?	
09:20-09:40	The effect of propofol anaesthesia on the systemic inflammatory response	
SESSION 14	Polypharmacy	
	<i>Chairpersons:</i>	
09:40-10:00	The propofol-sparing effect of intravenous lidocaine	
10:00-10:20	Combined intravenous and inhalation anesthesia ; the interactions and clinical outcomes	
SESSION 15	TIVA and errors in calculation of drug dosages	
	<i>Chairpersons:</i>	
10:20-10:40	Calculations of drug dosages in the obese	
10:40-11:00	Calculations of drug dosages in preterms	

SESSION 16:	Pharmacological reversal agents <i>Chairpersons:</i>	
11:00-11:20	Reversal agents for opioids ; naloxone	
11:20-11:40	Reversal agents for muscle relaxants; suggamadex	
QUIZ		