



# APPEC-2024

(Anaesthesia Postgraduate Pre-Examination Course)

Organised by Dept. of Anaesthesia, ABVIMS, Dr. RML Hospital

03 - 09 October 2024

07 Days of Online Learning.

Interact and learn with eminent teachers across India.



**Course Fee INR 3000/-**

For more information contact

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For registration visit  
[www.appec.in](http://www.appec.in)

# DAY 01 - 03 OCTOBER 2024

TIME	TOPIC	FACULTY		CHAIRPERSON
9:00 am - 9:20 am	Overview			
9:20 am - 9:30 am	Lecture- ASA Physical status	Dr Abhity Gulia		Dr Anu Kapur Dr C K Dua
9:30 am - 9:45 am	Lecture- Pulse oximetry: Principles and interpretation	Dr Anjali Kochhar		
9:45 am - 10:00 am	Lecture- Capnography- Principles: interpretation of graphs	Dr Jyoti Gupta		
10:00 am - 10:15 am	Tea			
10:15 am - 10:45 am	Lecture- Pulmonary Function Test	Dr Namita Arora		Dr Jayashree Sood
10:45 am - 11:15 am	Lecture- Oxygen therapy	Dr Vimmi Revari		
11:15 am - 12:30 pm	<b>Long Case- A 50 years male with COPD planned for Laparoscopic cholecystectomy</b>	Dr Ranju Singh	Dr Shireen Singh (PG)	X
		Dr Rutajeet Chatterjee (SR)	Dr Y Srinivas (PG)	
12:30 pm - 12:50 pm	Lecture- Simulation in anaesthesia	Dr Dhirja Sharma		Dr Ganga Prasad
12:50 pm - 1:20 pm	Lecture- Difficult airway guidelines and recent advances in airway management	Dr Rakesh Sharma		
1:20 pm - 1:40 pm	Lecture: Laser Surgery	Dr Amrita Gupta		Dr Qazi Ehsan Ali
1:40 pm - 2:00 pm	Lecture- Cricothyroidotomy and AMBU bag	Dr Deepak Verma		
2:00 pm - 2:30 pm	Lunch			
2:30 pm - 3:45 pm	<b>Long Case-53-year male posted for release of postburn contracture neck</b>	Dr Anju R Bhalotra	DR Yamuna Krishnan (PG)	X
		Dr Sreya Bhattacharyya (SR)	Dr Amala Tom (PG)	
3:45 pm - 4:05 pm	Equipment: Fibreoptic bronchoscope	Dr Abhishek Sharma		Dr Rajiv Gupta
4:05 pm - 4:35 pm	Drugs: Intravenous Induction Agents and Benzodiazepines	Dr Nidhi Pathak	Dr Anshuman Ghildiyal (PG)	
			Dr Vaishali (PG)	

## DAY 02 - 04 OCTOBER 2024

TIME	TOPIC	FACULTY		CHAIRPERSON
9:00 am - 9:15 am	Lecture- CVP Monitoring	Dr Tina Khurana		Dr Pradeep Bhatia
9:15 am - 9:30 am	Lecture- Interpretation of Arterial waveform	Dr Itishri		
9:30 am - 9:50 am	Lecture- Cardiac output monitoring	Dr Anshu Gupta (Sr)		Dr Naveen Malhotra
9:50 am- 10:05 am	Lecture- Transoesophageal echocardiography	Dr Indira Malik		
10:05 am - 10:20 am	Tea			
10:20 am - 10:40 am	Lecture- Patient with pacemaker for non-cardiac surgery	Dr. Sohan Solanki		Dr Sripriya
10:40 am - 11:10 am	Lecture- Congenital heart diseases	Dr Anju Gupta		
11:10 am - 12:25 pm	<b>Long Case: 44 years male with Hypertension and fracture rt. Humerus posted for ORIF</b>	Dr Tanveer Samra	Dr Akshay Jain (PG)	X
		Dr Akash Singh Jadon (SR)	Dr Ranvinder Singh (PG)	
12:25 pm - 12:55 pm	Lecture- CABG (with /without bypass)	Dr. Vivek Gupta		Dr Jasvinder Kaur Kohli
12:55 pm - 2:10 pm	<b>Long Case: 36-year female with large Thyroid swelling posted for total thyroidectomy</b>	Dr Bharti Wadhwa	Dr Vishal Dhaiya (PG)	X
		Dr Ashutosh Singh (SR)	Dr Nimit Modi (PG)	
2:10 pm - 2:40 pm	Lunch			
2:40 pm - 3:10 pm	Equipment- Endotracheal tube along with DLT	Dr Shweta Mhambrey		Dr Surender Kumar
3:10 pm - 3:30 pm	Drugs- Local Anaesthetics and LAST	Dr Sangeeta Yadav		
		Dr Pramod Tiwari (PG)/ Dr Vignesh V (PG)/Dr Giridhar (PG)		
3:30 pm - 4:15 pm	<b>Long Case: A 5 years child posted for Squint surgery</b>	Dr Rashmi Salhotra	Dr Neha Pandey (PG)	X
		Dr Nitin Kumar (SR)		
4:15 pm - 4:25 pm	Lecture: Laryngospasm	Dr Meena Kumari		Dr Beena Haridas
4:25 pm - 4:50 pm	Lecture: Electrolytes (Sodium & potassium)	Dr Neha Gupta		

## DAY 03 - 05 OCTOBER 2024

TIME	TOPIC	FACULTY	CHAIRPERSON	
9:00 am - 9:30am	Lecture: POCUS (Point Of care Ultrasound): Airway & Lungs.	Dr Swati Mehta	Dr J Balavenkatsubramanian	
9:30am - 9:50am	Lecture: Biostatistics	Dr Bala Bhaskar		
9:50 am - 10:10am	Lecture: NORA (Non- Operating Room Anaesthesia)	Dr Sanjeev Sharma		
10:10am - 10:25am	TEA			
10:25am - 10:45 am	Lecture: ASRA Guidelines	Dr Upasana Goswami	Dr Sanjay Agrawal	
10:45am - 11:15am	Lecture: Supra Glottic Airway Device	Dr Rupesh Yadav		
11:15am - 12:30pm	<b>Long Case: 38-year female with BMI 40 Kg/m<sup>2</sup> posted for Sleeve Gastrectomy</b>	Dr Neerja Banerjee	Dr Anupama Soney (PG)	X
		Dr Anu Arvind (SR)	Dr Vilash Raj (PG)	
12:30pm - 1:00pm	Lunch			
1:00pm - 1:20pm	Lecture: Role of AI in Anaesthesia	Dr Rakesh Garg	Dr Anil Jain	
1:20pm - 2:00pm	Lecture: Vapouriser: Old and New	Dr Anupama Gill Sharma		
2:00pm - 3:15pm	<b>Long Case: A 40 years male of non-small cell lung carcinoma posted for Pneumonectomy</b>	Dr Sangeeta Khanna	D Vikramanan K (PG)	X
		Dr Sonal yadav(SR)	Dr L.G. Sreenath Pillai (PG)	
3:15pm - 3:40pm	Lecture: Inhalational Agents	Dr P N Shivpriya	Dr Lakesh Anand	
3:40pm - 3:50pm	Lecture: Malignant Hyperthermia	Dr Upma Bhatia Batra		
3:50pm - 4:10pm	Lecture: TIVA	Dr Lalit Gupta	Dr Zulfiqar Ali	
4:10pm - 4:30pm	Lecture: Electrolytes (Calcium, Magnesium, Phosphorus)	Dr Nidhi Yadav		

## DAY 04 - 06 OCTOBER 2024

TIME	TOPIC	FACULTY		CHAIRPERSON
9:00 am - 9:45 am	Lecture: Anaesthesia machine	Dr Namita Saraswat		Dr Arvind Arya
9:45 am - 10:05 am	Lecture: Paediatric Neuraxial Anaesthesia	Dr Rakhee Goyal		Dr Ruchi Gupta
10:05 am - 10:35 am	Lecture: Neonatal emergencies	Dr Lakshmi Kumar		
10:35 am - 10:50 am	Tea			
10:50 am - 12:05 pm	<b>Long Case: A 33 years pregnant female with PIH at 37 weeks pregnancy</b>	Dr Sujata Chaudhary	Dr Neha Yadav (PG)	X
		Dr Tavishi Bansal (SR)	Dr Tridha Majumdar (PG)	
12:05 pm - 12:25 pm	Lecture: Anaesthetic implications for Robotic Surgery	Dr Raj Tobin		Dr Bimla Sharma
12:25 pm - 1:00 pm	Lecture: Labour analgesia	Dr Anju Grewal		
1:00 pm - 1:30 pm	Lunch			
1:30 pm - 2:45 pm	<b>Long Case: A 2 years child posted for Cleft palate</b>	Dr Kavita Rani Sharma	Dr Arunagiri B (PG)	X
		Dr. Nikhil Vinay Sharma (SR)	Dr Rahul Harish Moral Bamon (PG)	
2:45 pm - 3:15 pm	Lecture: Obstetric patient for non-obstetric surgery	Dr Shipra Aggarwal		Dr Parin Lalwani
3:15 pm - 4:30 pm	<b>Long Case: A 23-year full term pregnant patient with severe mitral stenosis</b>	Dr Lalita Chaudhary	Dr Pooja Singla (PG)	X
		Dr Arpit Jain (SR)	Dr Vaishnavi Ginneri (PG)	

## DAY 05 - 07 OCTOBER 2024

TIME	TOPIC	FACULTY		CHAIRPERSON
9:00 am - 9:20 am	Lecture: Brain dead for organ donation	Dr Manpreet Singh		Dr Sanjeev Palta
9:20 am - 9:40 am	Lecture: Traumatic Brain Injury	Dr Kiran Lata Kiro		Dr Ankit Sharma
9:40 am - 10:10 am	Lecture: Arterial Blood gas Analysis	Dr Nidhi Bhatia		
10:10 am - 10:55 am	<b>Short Case: A 65-year male posted for TURP</b>	Dr Akhilesh Gupta	Dr Manish Kumar (PG)	X
		Thinless Angmo (SR)		
10:55 am - 11:10 am	Tea			
11:10 am - 11:45 am	Lecture: Breathing Circuits and Soda Lime	Dr Aanchal Kakkar		Dr Pranav Bansal
11:45 am - 1:00 pm	<b>Long Case: A 36-week pregnant female with Haemoglobin 5gm/dl</b>	Dr Kirti Nath Saxena	Dr Shivani Shenoy (PG)	X
		Dr Shreya Garg (SR)	Dr Srirastu H.S. (PG)	
1:00 pm - 1:30 pm	Lecture: Anaesthetic implications for posterior fossa surgeries	Dr Sandeep Kumar		Dr Monica Tandon
1:30 pm- 1:50 pm	Lecture: Intracranial Aneurysm	Dr Priyanka Khurana		
1:50 pm - 2:20 pm	LUNCH			
2:20 pm - 3:35 pm	<b>Long Case: A 28-year male with CKD stage 5 posted for Renal Transplant</b>	Dr Nisha Kachru	Dr Preeti Malik (PG)	X
		Dr Twinkle Singh (SR)	Dr Saurabh Saini (PG)	
3:35 pm -3:55 pm	BLS	Dr Akhilesh Gupta/ Dr Jyoti Gupta		
3:55 pm- 4:45 pm	ACLS & ECG	Dr Akhilesh Gupta		

## DAY 06 - 08 OCTOBER 2024

TIME	TOPIC	FACULTY	CHAIRPERSON	
09:00 am - 09:15 am	Lecture: Temperature Monitoring	Dr Nitin Hayaran	Dr Sarita Janweja Dr J P Sharma	
09:15 am - 09:40 am	Lecture: Blood and Blood products	Dr Ashok Kumar		
09:40 am - 10:00 am	Lecture: Neuraxial Anaesthesia	Dr Anshu Gupta		
10:00 am - 10:15 am	TEA			
10:15 am - 11:30 am	<b>Long Case: A 48 years old female with CAD and history of PTCA posted for Modified radical mastectomy</b>	Dr Munisha Agarwal	Dr Yashika Jain (PG)	X
		Dr Astha Sahu (SR)	Dr R. Nivedha (PG)	
11:30 am - 12:00 pm	Lecture: Laryngoscope & Video-laryngoscope	Dr Jyoti Singh	Dr Arvind Khare	
12:00 pm - 12:20 pm	Lecture: Positioning in Anaesthesia	Dr Sukriti Atram		
12:20 pm - 12:55 pm	<b>Short Case: A 2-month child with MMC posted for correctional surgery</b>	Dr Prashant Kumar	Dr Mohit Bajaj (PG)	
		Dr Lalit Chandravanshi (SR)		
12:55 pm - 1:30 pm	Lecture: Crystalloids and Colloids	Dr Nitin Choudhary	Dr Lokesh Kashyap	
1:30 pm - 1:50 pm	Lecture: Intravenous fluid therapy in paediatrics	Dr Parul Jindal		
1:50 pm - 2:20 pm	LUNCH			
2:20 pm - 3:35 pm	<b>Long Case: A 65-year female with long standing Diabetes on insulin posted for amputation of diabetic foot</b>	Dr Nishkarsh Gupta	Dr Shreyash Agrawal (PG)	X
		Dr Ankita Singh Tomar (SR)	Dr B. Devi Kumar (PG)	
3:35 pm - 4:05 pm	Drugs: Neuromuscular Blocker	Dr Anjali Singh	Dr Sugham Bholra (PG)	Dr Umesh Badani
			Dr Dharshan S.M. (PG)	
4:05 pm - 4:30 pm	Lecture: Neuromuscular Monitoring	Dr Jyoti Sharma		

## DAY 07 - 09 OCTOBER 2024

TIME	TOPIC	FACULTY	CHAIRPERSON	
09:00 am - 09:20 am	Lecture: Nutrition in ICU	Dr Mohandeep Kaur	Dr Rajesh Kumar Pande	
09:20 am - 10:00 am	Lecture: Basic Modes of Ventilation & Non-invasive Ventilation	Dr Priyanka H Chhabra		
10:00 am - 10:20 am	Lecture: Advanced Modes of Ventilation	Dr Nishant Kumar		
10:20 am - 10:35 am	TEA			
10:35 am - 11:50 am	Case: 70 years male with Rheumatoid arthritis posted for TKR	Dr Sonia Wadhawan	Dr Gaurie Srivastava (PG)	X
		Dr Pallavi Priyadarshini (SR)	Dr Deepti Chandra (PG)	
11:50 am - 12:10 pm	Lecture: ARDS	Dr Puneet Khanna	Dr Ranvinder kaur	
12:10 pm-12:30 pm	Lecture: Surviving Sepsis Guidelines	Dr Nang Sujali Choupoo		
12:30 pm -1:15 pm	<b>Short Case: A 35 year female with left sided ICD posted for shoulder Dislocation</b>	Dr Swati Chhabra	Dr Judis Varghese (PG)	X
		Dr Reema Gugnani (SR)		
1:15 pm- 1:40 pm	Lecture: Weaning	Dr Akhil Taneja	Dr Vanilla Chopra	
1:40 pm-1:50 pm	Anaphylaxis	Dr Devang Bharti		
1:50 pm- 2:20 pm	LUNCH			
2:20 pm-3:35 pm	<b>Long Case: A 45 years old male with Ca larynx posted for Laryngectomy</b>	Dr Maitree Pandey	Dr R. Mahesh (PG)	X
		Dr Priyanka Sehwat (SR)	Dr Annapurna Mehra (PG)	
3:35 pm- 3:55 pm	Lecture: Opioids	Dr Bhavna Rastogi	Dr Neerja Banerjee	
3:55 pm -4:15 pm	Lecture: Low Flow Anaesthesia	Dr Arushi Gupta		
4:15 pm- 4:35 pm	Wrap up and feedback			