

4C (Comprehensive Critical Care Course)

Lead : Rajesh Chawla

National Coordinators : Sumit Ray & Ajith Kumar A.K

Local Coordinators : Meenakshy Vijayakumar, Ratheesh Kumar R & Sanjoy Joseph George

Venue : Vembanad I, Grand Hyatt, Kochi Bolgatty

05th March 2025

Time	Topic	Speaker
9.00- 9.30	REGISTRATION	
09.30 - 09.40	INTRODUCTION	Rajesh Chawla Sumit Ray
09.40 - 10.05	Recognition of a Seriously Ill Patient	Kapil Borawake
10.05 - 10.30	Approach to a Patient with Respiratory Failure	Ajith Kumar A.K
10.30 - 10.55	How to Initiate Mechanical Ventilation	Rajesh Chawla
10.55 - 11.20	ARDS-Ventilation	Sumit Ray
11.20 - 11.45	Approach to a Patient in Shock	Monalisa Mishra
11.45 - 12.10	Basics of Fluid Therapy – What, When and How Much ?	Ruchi Gupta
12.10 - 12.35	Interpreting ABGs	Prateek Koolwal
12.35 - 13.00	Management of Acute Liver Failure	Prashant Kumar
13.00 - 13.40	LUNCH BREAK	
13.40 - 14.40	DEMONSTRATIONS - 2 Groups (30 Mins Each)	
	RADIOLOGY - CXR & CT Chest	Ajith Kumar A.K Prateek Koolwal
	ECG for the Intensivist	Susruta Bandyopadhyay Meenakshy Vijayakumar
14.40 ONWARDS	WORK STATIONS (40 Mins Each Station for Each Group)	
	STATION 1 - Oxygen therapy, HFNC and Aerosol Therapy	Kapil Borawake Prashant Kumar Prateek Koolwal
	STATION 2 - How to initiate NIV & Basic Invasive Ventilation	Rajesh Chawla Ajith Kumar A.K Sanjoy Joseph George
	STATION 3 - Advanced Mechanical Ventilation	Sumit Ray Deepak Jeswani Meenakshy Vijayakumar Ratheesh Kumar R
	STATION 4 - Basics of Invasive Hemodynamic monitoring- Setting up transducer, calibration, CVP & Arterial waveform monitoring	Ravindra Ghawat Susruta Bandyopadhyay Rash Kujur
	STATION 5 - Advanced Hemodynamic- Dynamic measures of Fluid responsiveness-SPV/PPV/SVV and TPCO	Monalisa Mishra Yogesh Shenfad Lakkas Ruchi Gupta Asif Iqbal

06th March 2025

Time	Topic	Speaker
08.15 - 08.30	Introduction	Ajith Kumar A.K
08.30 - 08.55	Approach to a Patient with Trauma : Primary and Secondary Survey	Tanmoy Ghatak
08.55 - 09.20	Managing haemorrhagic shock	Asif Iqbal
09.20 - 09.45	Approach to a Patient with Acute Kidney Injury	Ratheesh Kumar R
09.45 - 10.00	Tea break	
10.00 - 10.25	Approach to a patient with acute stroke	Anjali Mishra
10.25 - 10.50	How to Use Antibiotics Wisely in the ICU?	Susruta Bandyopadhyay
10.50 - 11.15	Tropical Infections in the ICU	Meenakshy Vijayakumar
11.15 - 11.40	Toxodermic Approach to poisoning	Ravindra Ghawat
11.40 - 12.05	Obstetric Emergencies in the ICU	Sanjoy Joseph George
12.05 - 12.30	Oncological Emergencies in the ICU	Saurabh Kumar Das
12.30 - 12.55	End of Life Care for Patients & Family	Deepak Jeswani
13.00 - 13.45	LUNCH	
13.15 ONWARDS	WORK STATIONS	
	STATION 1 - ACLS	Rash Kujur Ravindra Ghawat Ratheesh Kumar R
	STATION 2 - Setting up a CRRT and Writing a CRRT Order	Ajith Kumar A.K Asif Iqbal Meenakshy Vijayakumar
	STATION 3 - Trauma Skills-Initial Evaluation & haemorrhage control	Tanmoy Ghatak Kapil Borawake Yogesh Lakkas Sanjoy Joseph George
	STATION 4- POCUS for Trauma	Deepak Jeswani Saurabh Kumar Das Prateek Koolwal Anjali Mishra
	STATION 5 - POCUS for Fluid Resuscitation	Susruta Bandyopadhyay Monalisa Mishra Ruchi Gupta