



PEDICON 2025

16. Neonatal Ventilation Workshop

08th January 2025 | Venue - Fernandez Hospital | 08:00 - 17:00

Coordinators: Dr Sai Kiran

Time	Topic	Speaker
08:00 - 08:30	Registration	
08:30 - 09:00	Introduction	
09:00 - 11:00	Theory Recap	
11:00 - 17:00	Work Stations	
	a) Ventilation machine & knobs	
	b) Ventilation mechanics and settings (Lung simulation model)	
	c) HFOV& iNO setup & management (Simulation-based)	
	d) Acute deterioration management (Simulation-based)	
	e) Supportive care	
	f) Case discussions	

Pre-Workshop Online Classes

1. Oxygenation & Respiration physiology
2. Ventilation- Basics & Settings
3. Patient-triggered ventilation
4. Pulmonary graphics
5. Hybrid ventilation & Newer modes
6. Disease specific ventilation
7. Weaning & post-extubation strategies
8. HFOV & iNO
9. Lung protective strategies and prevention of BPD
10. ABG & Chest x-ray