



22nd Emirates Critical Care Conference

"From Evidence to Excellence: The Future of Critical Care"

Mechanical Ventilation Workshop

10 May 2026

InterContinental Hotel
Dubai, UAE



Conference Chairman:
Assoc. Prof. Dr. Hussain Al Rahma



28-32 physicians (ICU, ER, Anesthesia, medicine, pulmonology, RT, senior ICU nurses)

Workshop Director



Dr. Amr Abouelela

Workshop Co-Director



Dr. Galal Abdelnaby

Workshop Faculty



Dr. Adel Alsisi



Dr. Tarek Sabry



Dr. Zyad Saeed



Objective of the Workshop

- Review the Fundamental Knowledge of basic respiratory physiology
- Master Basic Modes of MV
- Highlight on Non-invasive Ventilatory strategies
- Learn about loops and graphics of MV
- MV troubleshooting
- Understand different MV settings with different lung pathologies
- Know ARDS basic ventilatory strategy and rescue measures

Workshop Registration Fees

Physicians & Non-Physicians

₹ 500

Register Now



Day 3 - 10 May 2026, Sunday Mechanical Ventilation Workshop

08:00 - 8:30 Registration

08:30 - 08:40 Welcome remarks

08:40 - 09:10 Introduction : physiology of gas exchange and respiration

09:10 - 09:50 mechanical ventilation Modes & settings: The Basics

09:50 - 10.30 Assessment/Monitoring of respiratory mechanics

10.30 - 10.45 Coffee Break

10:45 - 11:30 Hands-on-session 1: Basic settings and respiratory mechanics

11:30 - 12:00 Curves and loops: how can we use it?

12:00 - 12:30 Trouble shootings during MV: patients' short stories

12:30 - 13:00 Hands-on Session 2: Advanced settings, Monitoring

13:00 - 13:45 Lunch Break

13:45 - 14:15 Role of non invasive ventilation (HFNC, BIPAP)

14:15 - 14:45 Weaning from mechanical ventilation, the basics

14:45 - 15:15 MV in ARDS Setting

15:15 - 16:00 Clinical Case Scenario

END of the workshop