

Beyond Basic Mechanical Ventilation Course

4th and 5th June 2026

Cairns Hospital

Course overview

A two-day course consisting of pre course material, lectures, small group skill stations/ tutorials covering essentials and beyond of mechanical ventilation.

Key topics:

- ❖ Applied respiratory physiology.
- ❖ Acute respiratory failure
- ❖ Heart-lung interactions
- ❖ Advanced airway management
- ❖ Humidification
- ❖ Basics of mechanical ventilation
- ❖ Assist control modes: volume control, pressure control, pressure regulated volume control
- ❖ SIMV and assist modes
- ❖ Other modes: adaptive support ventilation, bi-level airway pressure
- ❖ Sedation and paralysis
- ❖ Troubleshooting
- ❖ Non-invasive ventilation
- ❖ Weaning
- ❖ Tracheostomy
- ❖ ARDS
- ❖ Unilateral lung disease
- ❖ Obstructive airways disease

Target audience:

- Intensive care medicine, emergency medicine, anaesthesia, and other acute speciality trainees or as a refresher course for the consultants.

Cancellation policy:

- Cancellation > 30 days prior – full refund
- Cancellation < 30 days prior – full refund if your place can be filled from waiting list

Course Fees:

Medical Staff \$650 *

Venue:

Cairns Hospital

Skills Centre

Level 3 A Block

Registration & Enquiries:

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*FNQHF credit card surcharge of 5.9%

