



**FROM CRITICALLY ILL
TO CLINICALLY WELL
AN INTENSIVE CARE AWAY.**

Centre of Excellence in Critical Care Medicine

An Introduction

Informed Decisions. Intensive Care. Improved Outcomes.

Ensuring Better Critical Care Outcomes Delivered by a Multidisciplinary Team,
Adhering to Global Standard Practices.



The Centre of Excellence in Critical Care Medicine at Caritas Hospital & Institute of Medical Sciences is dedicated to outstanding patient care, providing the world-class care and service to critically ill patients. The evidence-based practices, multidisciplinary team approach, state-of-the-art critical care infrastructure, and advanced equipment and technology promise the safe delivery of an effective and timely care for improved patient outcomes in critical care. The advanced ICUs functioning under the department represent the advanced care offered to critically ill patients. The round-the-clock services provided at the department follow international protocols and quality indicators to ensure all safety parameters are met.

A patient needs critical care treatment upon facing life-threatening situations and when the risk of organ failure is high. The expert multidisciplinary team at the Centre of Excellence in Critical Care Medicine is equipped to handle different emergencies, multi-organ failure, Acute Respiratory Distress Syndrome (ARDS), Sepsis, Septic Shock, serious morbid conditions and other medical complications. The department has a specialised trauma care section. A fully equipped team would be ready when the need arises to ensure protection for patients fighting infections, especially when the threat of spreading viruses and bacteria is high.

Teaming Up to Save Lives.

The Centre of Excellence in Critical Care Medicine at Caritas Hospital & Institute of Health Sciences practices a multidisciplinary, collaborative approach facilitated by highly skilled experts from various clinical departments and highly trained support staff. They ensure a 24-hour care in the emotionally and physically challenging environment and work together towards the common goal of saving lives.

The Team

■ 26 Doctors

- 8 Critical Care Medicine Consultants
- 1 Senior Specialist
- 14 Senior Resident Doctors
- 3 Resident Medical Officers

■ Dedicated ICU Nurses

■ Physiotherapists

■ Respiratory Therapists

■ Dieticians

■ Infection Control Team

■ Clinical Pharmacists

State-of-the-art ICUs. Best-in-class Care.

Dedicated ICUs - Always Prepared to Handle Diverse Critically Ill Patients.



The ICUs functioning under the Centre of Excellence in Critical Care Medicine at the Caritas Hospital & Institute of Medical Sciences provide comprehensive care for a diverse set of critically ill patients. The department has 150 ICU Beds dedicated to several specialities, including 130 Adult ICU Beds and 20 Paediatric and Neonatal ICU Beds.



150 ICU Beds

130 Adult ICU Beds

20 Paediatric and Neonatal ICU Beds

130 Adult ICU Beds Include

50 Bedded Medical ICU, Including COVID ICU Beds

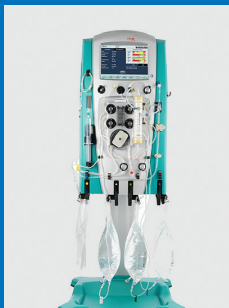
30 Bedded Surgical ICU

20 Bedded Cardiology ICU

20 Bedded Neuro ICU

10 Bedded CVTS ICU

Advanced Equipment. World-Class Facilities.



■ Advanced ICU Ventilators - 41 Nos.

Modes

- VC - Volume Control
- PC - Pressure Control
- PRVC - Pressure Regulated Volume Control
- PS - Pressure Support
- Spontaneous/CPAP
- SIMV - Synchronized Intermittent Mandatory Ventilation
 - SIMV (VC - Volume Control) + PS - Pressure Support
 - SIMV (PC - Pressure Control) + PS - Pressure Support
 - SIMV (PRVC - Pressure Regulated Volume Control) + Pressure Support
- Bi-Vent
- NIV- Non Invasive Ventilation
 - NIV PC- NIV Pressure Control
 - NIV PS- NIV Pressure Control

■ Transport Ventilators - 4 Nos.

■ High Flow Nasal Oxygen - 10 Nos.

■ BiPAP Machines - 42 Nos.

■ Cardiac Output Monitoring (EV-1000)

■ Central Monitoring System

For centralised and remote monitoring of vital parameters of patients. Provides extra safety for critically ill patients.

- Defibrillators
- Bedside Hemodialysis
- Bedside Hemofiltration
- Bedside Hemoperfusion
- Bedside SLED
(Sustained Low Efficiency Dialysis)
- Bedside CRRT
(Continuous Renal Replacement Therapy)
CVVHD, CVVHF, CVVHDF
- Bedside Plasmapheresis
- Bedside Cytokine Adsorption
- Bedside Ultrasound

- POCUS - Point-of-Care Ultrasonography
- ECHO, IVC Assessment, DVT Scan, Lung Ultrasound
- eFAST - Extended Focused Assessment using Sonography in Trauma
- Ultrasound Guided Vascular Access
- ONSD - Optic Nerve Sheath Diameter Measurement
- Ultrasound Guided Pleural Aspiration
- Ultrasound Guided Paracentesis
- Ultrasound Guided Pigtail Insertion
- Ultrasound Guided Biopsy

- Bedside ECHO (Echocardiogram)
- Bedside TEE (Transesophageal Echocardiogram)
- Bedside Doppler Ultrasound

- Bedside Transcranial Doppler
- Bedside Bronchoscopy
- Bedside Upper GI Endoscopy and Colonoscopy
- Difficult Airway Cart
 - Equipped for Difficult Airway Management
- Bedside Tracheostomy
- Bedside PDT Percutaneous Dilational Tracheostomy
- Emergency Cricothyrotomy
- ECMO Extracorporeal Membrane Oxygenation
- IABP (Intra Aortic Balloon Pump)
- ICU Lab for Point of Care Tests like ABG, Procalcitonin, Troponin, NTpro BNP and D-dimer

Additional Facilities

- **ICU on Wheels**
Mobile ICU Facility for Safe Transport of Critically Ill Patients
- **Isolation Facility**
For Highly Infectious Diseases
- **Neuro Rehabilitation Facility**
- **End-of-life Care Facility**
- **Comfort Care Treatment Facility**
- **Code Blue Facility for Resuscitation of Patients with Cardiac Arrest**

24X7 EMERGENCY & CRITICAL CARE
24X7 AMBULANCE SERVICE

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CARITAS
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SPREADING THE RADIANCE OF GOOD HEALTH AND HAPPINESS