

DR. MOHAMMAD ABBAS

Consultant – Critical Care Medicine (ICU)

Qualification

MBBS | MD | DrNB (Critical Care Medicine) | MNAMS | EDIC(UK)

Overview

Dr. Mohammad Abbas is a highly skilled intensivist in Varthur Road, Bengaluru. He is currently practising as a Consultant – Critical Care Medicine (ICU) at Manipal Hospital Varthur Road, Bangalore, bringing advanced clinical expertise in high-acuity critical care, extracorporeal life support, and transplant critical care to complex, life-threatening conditions. With a strong focus on precision-driven, evidence-based ICU care, he is regarded as one of the best intensivists in Varthur Road. Dr. Abbas holds an MBBS and an MD, followed by a DrNB in Critical Care Medicine. He is a Member of the National Academy of Medical Sciences (MNAMS) and has completed the European Diploma in Intensive Care (EDIC, UK). His academic and professional training reflect a robust grounding in advanced critical care protocols, extracorporeal therapies, and multidisciplinary ICU management. His expertise includes ECMO and extracorporeal life support, such as VV-ECMO, VA-ECMO, hybrid ECMO, ventricular assist devices, and advanced circulatory support systems, which makes him the best critical care specialist in Varthur Road for patients requiring complex organ support. In cardiac critical care, he manages cardiogenic shock,

valvular heart disease, advanced heart failure, and post-transplant care for cardiac and lung transplant recipients. Dr. Abbas also provides structured haemodynamic monitoring and shock management, neuro-critical care for Level IV trauma, and nephro-critical care using renal replacement therapies such as haemodialysis, SLED, and CRRT. His academic leadership includes training and curriculum development for DrNB, IDCCM, and IFCCM programmes. He maintains active memberships with the Indian Society of Critical Care Medicine (ISCCM), European Society of Intensive Care Medicine (ESICM), ECMO Society of India (ESOI) as an Executive Member of the Core Committee, Indian Society of Anaesthesiologists (ISA), Indian Association of Respiratory Care (IARC), and the Karnataka Medical Council (KMC). His professional contributions have been acknowledged with the Best Young Talent Award and National Scholarship at ISACON 2019 and the Best Research Paper Award at EUROASIA 2024. Dr. Abbas has authored chapters in national and international textbooks in Critical Care Medicine and has multiple peer-reviewed publications. His research appears in journals such as Anaesthesia Essays and Researches, Critical Care Communications (ISCCM), Indian Journal of Respiratory Care, Indian Journal of Intensive Care Case Reports, Al Ameen Journal of Medical Sciences, and IJIRMS. At Manipal Hospital Varthur Road, Dr. Abbas delivers comprehensive ICU care for high-risk medical, surgical, transplant, and trauma patients. He collaborates closely with cardiology, nephrology, pulmonology, neurology, and surgical teams to ensure integrated critical care pathways. Fluent in English, Hindi, Kannada, and Urdu, he communicates clearly with families during critical decision-making. His technical excellence, advanced life-support expertise, and academic leadership continue to strengthen critical care services, reinforcing his position as one of the best intensivists in Varthur Road.

Fellowship & Membership

- Indian Society of Critical Care Medicine (ISCCM)
- European Society of Intensive Care Medicine (ESICM)
- ECMO Society of India (ESOI) – Executive Member, Core Committee
- Karnataka Medical Council (KMC)
- Indian Society of Anaesthesiologists (ISA)
- Indian Association of Respiratory Care (IARC)
- Member of the National Academy of Medical Sciences(MNAMS)

Field of Expertise

- ECMO & Extracorporeal Therapies – VV-ECMO, VA-ECMO, Hybrid ECMO, ventricular assist devices, and advanced extracorporeal life support systems
- Cardiac Critical Care – Cardiogenic shock, Valvular heart disease, Advanced heart failure, and Transplant care for cardiac and lung transplant patients.
- Airway & Respiratory Critical Care – Difficult airway management, mechanical ventilation, ARDS, and advanced respiratory support strategies
- Hemodynamic Monitoring & Shock Management
- Neuro-Critical Care & Level IV Trauma Care – Advanced multi-organ support systems
- Nephro-Critical Care – Renal replacement therapies including Hemodialysis, SLED, and CRRT
- Point-of-Care Ultrasonography (POCUS) – Diagnostic and procedural applications
- Antimicrobial Stewardship & Infection Control Practices
- Academic Program Development – Training and curriculum development for DrNB, IDCCM, and IFCCM programs

Languages Spoken

- English
- Hindi
- Kannada
- Urdu

Awards & Achievements

- Best Young Talent Award & National Scholarship – ISACON 2019, Agra
- Best Research Paper Award – EUROASIA 2024
- Author of chapters in multiple national and international textbooks in Critical Care Medicine
- Multiple research publications in reputed national and international journals
- Organising Secretory for state and national conferences in Critical Care Medicine

Talks & Publications

- Effect of IV Ondansetron on spinal anesthesia–induced hypotension and bradycardia. Anaesth Essays Res. Click Here
- 1000 MCQs in Intensive Care – Neuro-Critical Care chapter. ACME Education.
- Critical illness myopathy in COVID-19 patients: Case series. Critical Care Communications (ISCCM), 2021.
- Serum calcium and potassium levels in newly detected hypertensives. IJIRMS, 2025. Click Here
- Traumatic laryngeal fracture with bilateral pneumothorax and pneumomediastinum. Indian J Crit Care Case Rep, 2025. Click Here

- BODE index in predicting COPD exacerbations. IJIRMS, 2025. Click Here
- Thyroid abnormalities in chronic kidney disease and GFR correlation. IJIRMS, 2025. Click Here
- Integrated diagnostic and therapeutic approaches for bacterial co-infections in severe malaria. Al Ameen J Med Sci, 2025.
- Extracorporeal CO_2 removal ($ECCO_2R$): Hope or hype? IJIRMS, 2025. Click Here
- Serum calcium and potassium levels in hypertensive patients. IJIRMS, 2025. Click Here
- Essentials of Mechanical Ventilation. Indian Respiratory Care Journal, 2025.
- Authored case review on An intriguing challenge of unveiling the unexpected: Peripartum cardiomyopathy in kauverian scientific journal. Click Here
- Acute coronary syndrome and cardiogenic shock. Critical Care Updates, 2025.
- Randomised controlled study on Serial diastolic function assessment predicting mortality in septic shock patients.
- ECMO configurations. ECMO Handbook, 2025.
- Authored a case review on ECMO: The last resort for refractory beta blocker overdose kauverian scientific journal. Click Here
- Gall bladder wall thickness and outcomes in laparoscopic cholecystectomy. Al Ameen J Med Sci, 2026.