

**DR. GOWTHAM B C**

Associate Consultant - Paediatric Intensive Care (PICU)

**Qualification**

MBBS | MD Pediatrics | DNB Pediatrics | DM Pediatric (Critical care)

## Overview

Dr. Gowtham B C is a dedicated paediatric intensivist in Old Airport Road, currently practising as an Associate Consultant – Paediatric Intensive Care (PICU) at Manipal Hospital Old Airport Road, Bangalore. Having specialised training in paediatric critical care from some of India's leading medical institutions, he brings advanced expertise in managing critically ill children requiring intensive monitoring, organ support therapies, and life-saving interventions. His expertise in critical care medicine and advanced paediatric life support has established him among the best paediatric intensivists in Old Airport Road for the management of complex and high-acuity paediatric illnesses. Dr. Gowtham completed his MBBS from Bangalore Medical College and Research Institute (BMCRI), Bengaluru, followed by an MD in Paediatrics from the prestigious PGIMER, Chandigarh. He subsequently earned his DNB in Paediatrics and pursued a DM in Paediatric Critical Care from JIPMER, Puducherry, where he graduated as a Gold Medallist and received the Dr. V. Sathyamurthy Award for academic excellence. At Manipal Hospital Old Airport Road, Dr. Gowtham manages a wide range of critical paediatric conditions, including severe sepsis, septic

shock, respiratory failure, neurological emergencies, trauma-related critical illness, post-operative intensive care, and multi-organ dysfunction. His clinical practice involves the management of invasive and non-invasive ventilation, advanced ventilation strategies including High-Frequency Oscillatory Ventilation (HFOV), haemodynamic monitoring, and evidence-based critical care interventions aimed at improving outcomes for critically ill children. His procedural expertise includes ultrasound-guided vascular access, advanced airway management, invasive monitoring, bedside critical care procedures, and management of sophisticated organ support systems such as Continuous Kidney Replacement Therapy (CKRT) and Extracorporeal Membrane Oxygenation (ECMO). Working within a tertiary-care multidisciplinary environment enables him to collaborate closely with paediatric subspecialists, surgeons, anaesthesiologists, nephrologists, neurologists, and emergency medicine teams to deliver comprehensive critical care. His expertise in advanced organ support and intensive care interventions makes him one of the best paediatric critical care specialists in Old Airport Road for children requiring complex life-support therapies. Beyond clinical care, Dr. Gowtham remains actively involved in academics, research, and patient safety initiatives. He advocates structured safety protocols and evidence-based practices aimed at reducing medical errors and improving clinical outcomes in intensive care settings. His research contributions have been published in reputed national and international journals, with work focusing on paediatric ventilation, kidney replacement therapy, nephrology, emergency medicine, and critical care outcomes. He was also recognised with the Best Oral Poster Presentation Award at Paedicriticon 2024. A life member of both the Indian Academy of Paediatrics (IAP) and the IAP Intensive Care Chapter, Dr. Gowtham continues to contribute to the advancement of paediatric critical care through research, education, and quality improvement initiatives. Fluent in Kannada, Hindi, and English, he ensures effective communication with families while supporting them through complex

treatment decisions in critical care settings.

### Fellowship & Membership

- Life member of IAP.
- Life member of IAP - Intensive Care

### Field of Expertise

- Pediatric invasive and non-invasive ventilation
- Advanced ventilation (HFOV)
- Pediatric shock
- Paediatric severe sepsis
- Paediatric neurocritical care
- Paediatric trauma critical care
- Paediatric post-surgical care
- Ultrasound-guided vascular access
- Paediatric organ support: CKRT, ECMO
- Patient safety
- Evidence-based medicine

### Languages Spoken

- Hindi
- English
- Kannada

### Awards & Achievements

- Gold medalist in DM Paediatrics
- Dr. V Sathyamurthy Endowment Prize

- Best oral poster presentation in Pedicriticon 2024

## Talks & Publications

- Effect of Heat and Moisture Exchanger vs Heated Humidifier on Ventilator-related Adverse Events in Children: A Pilot Randomised Controlled Trial. Indian Journal of Critical Care Medicine. 2025 Sep 19;29(9):746–52.
- Experience of continuous kidney replacement therapy in a tertiary care unit of a lower-middle-income country. Pediatr Nephrol. 2025.
- Serum tumour necrosis factor-alpha as a marker of disease activity in children with nephrotic syndrome. J Trop Pediatr. 2024 Aug.
- Brain death in the Emergency Department: Challenges In: Patnaik S (ed) Pediatric Emergencies A Comprehensive Manual 1st ed. New Delhi. Evangel Publishing:2025.
- Acute Myeloid Leukaemia Presenting with Mediastinal Mass with Acute Airway Compression. Indian J Pediatr. 2024 Dec.
- Short Stature Syndromes: Case Series from India. J Pediatr Genet. 2021 Apr.
- H1N1 Infection Presenting as Acute Liver Failure in an Infant. Indian J Pediatr. 2021 Jan.