

DR. SAYANTAN BHOWMICK

Consultant - Paediatric Pulmonology

Qualification

MBBS | DCH (UK) | MRCPCH (UK)

Overview

Dr. Sayantan Bhowmick is a distinguished Paediatric Pulmonologist, currently serving as a Consultant at Manipal Hospitals, Mukundapur, Kolkata. He completed his MBBS from Sri Ramachandra Medical College and Research Institute and has built an exceptional career driven by a deep passion for Paediatric Medicine. Dr. Bhowmick pursued a Diploma in Child Health (DCH) and a Membership of the Royal College of Paediatrics and Child Health (MRCPCH) in the United Kingdom. After completing his MRCPCH exams, Dr. Bhowmick travelled to the United Kingdom in 2018 to pursue his training in paediatric subspecialties. He received specialised training in Paediatric Intensive Care Units (PICUs), including Paediatric Critical Care Transport, at several reputed hospitals, and he has also completed training in Paediatric Respiratory Medicine. While in the UK, he pursued several advanced courses, including the European Respiratory Society (ERS) Bronchoscopy and Difficult Airway Management, enriching his clinical approach. With vast experience in General Paediatrics, Paediatric Intensive Care Units, Cardio-Respiratory Critical Care, and Paediatric Respiratory Medicine, Dr. Bhowmick has honed his skills in

managing various complex conditions. His area of expertise is in the diagnosis and management of paediatric asthma and allergy, chronic lung diseases in children and neonates, cystic fibrosis, interstitial lung diseases in children, complicated pneumonia in children, obstructive sleep apnoea in children and adolescents, as well as paediatric Bronchoscopy. His deep understanding of the pathophysiology of respiratory diseases enables him to manage cases with precision, recognising clinical deterioration early and seeking timely intervention for optimal care. Dr. Bhowmick holds membership in esteemed professional organisations, including the Royal College of Paediatrics and Child Health (MRCPCH) and the Indian Academy of Paediatrics (IAP). His contributions extend beyond patient care, as he has been involved in audit and quality improvement projects in the UK. He has also contributed to clinical governance, formulating and publishing clinical guidelines, and participating in various quality improvement projects. As a dedicated academician, Dr. Bhowmick is committed to teaching medical students and junior colleagues. He regularly conducts crash courses for MRCPCH (UK) and DCH (UK) candidates organised by senior UK-trained paediatricians in Kolkata, India. He is actively involved in academic programs, including case-based discussions, journal clubs, and grand rounds, and has delivered presentations during these sessions. His strong academic foundation ensures that he remains at the forefront of emerging paediatric practices, making him the best Paediatric Doctor in Kolkata at Mukundapur. Fluent in Bengali, English, and Hindi, Dr. Bhowmick communicates effectively with a diverse patient population. Dr. Bhowmick’s pursuit of excellence in every aspect of his practice has earned him the respect and trust of both his patients and colleagues.

Fellowship & Membership

- Membership of the Royal College of Paediatrics and Child Health (MRCPCH), United Kingdom

- Member of the Indian Academy of Paediatrics (IAP)
- General Paediatric Fellowship, Southend University Hospital, United Kingdom
- Fellowship in Paediatric and Cardiac Intensive Care Medicine, University Hospital Southampton, United Kingdom.
- Fellowship in General Paediatric and Paediatric Intensive Care, King’s College Hospital, London, United Kingdom
- Fellowship in Paediatric and Cardio-respiratory Intensive Care, Royal Brompton Hospital, London, United Kingdom
- Fellowship in Paediatric Critical Care Transport, CATS (Children's Acute Transport Service), United Kingdom
- Fellowship in Paediatric Respiratory Medicine, Great Ormond Street Hospital, London, United Kingdom

Field of Expertise

- Specialises in Paediatric Pulmonology, involved in the diagnosis and treatment of respiratory illnesses in children such as asthma, allergies, and chronic lung diseases
- Expertise in Paediatric Intensive Care, managing critically ill children in intensive care settings while ensuring adequate respiratory and cardiac support
- Proficient in Bronchoscopy Procedures, diagnosing, and treating children with respiratory diseases
- Skilled in asthma and allergy management, offering tailored treatments to children to improve their symptoms and quality of life
- Expertise in managing chronic lung diseases in children and neonates
- Extensive experience in cystic fibrosis management, offering comprehensive care for affected children
- Specialises in rare interstitial lung diseases that cause

inflammation and scarring of lung tissue, focusing on early diagnosis and treatment to improve outcomes

Languages Spoken

- Bengali
- English
- Hindi

Awards & Achievements

- Newborn Life Support (NLS) Resuscitation Council UK, 2019
- European Paediatric Advanced Life Support (EPALS) Resuscitation Council UK, 2019
- Child Safeguarding Level 3, Southend University Hospital, UK 2019
- Point-of-care Ultrasound (PoCUS), London, UK 2020
- Mechanical Ventilation Course, ESPNIC, 2021
- Extracorporeal Membrane Oxygenation (ECMO) Course, Great Ormond Street Hospital, UK 2022
- Communication Masterclass for Intensive Care, Royal Brompton Hospital, UK, 2022
- Difficult Airway Course, Northumbria Airway Course, 2022
- ERS Bronchoscopy Course, ERS, Naples, Italy 2023

Talks & Publications

- Audit/Quality Improvement Projects
- Compliance With Procedural Documentation in Intra-Hospital Paediatric Transport, Using the STOPP Tool, Was Presented as a Poster at the RCPCH Conference 2023.

- Case Series on Ex-Premature Infants Exhibiting Clinical and Radiological Findings Out-of-keeping With Prematurity Alone. High-resolution CT (HRCT) is Suggestive of Concomitant Interstitial Lung Disease (cHILD), but Genetic Testing was Negative.
- Research Project on the Incidence and Management of Chylothorax.
- Quality Improvement Project at King’s College Hospital Focused On the Use of Nebulised Magnesium Sulphate in Acute Wheezing or Asthma.
- Audit on Palpitation in Children at Southend University Hospital, UK.
- Participated in an Audit on Severe Dengue Needing PICU Admission in Kolkata, India.
- Poster Presentations
- Implementing Intra-Hospital Transfer Checklist at a Cardiorespiratory Paediatric Intensive Care Unit: A Quality Improvement Initiative.
- Child Masquerading in Ex-Premature Infants: An Emergent Disease in the Post COVID-19 Era.