

DR. MEGHNA RAI PRASAD

Consultant - Pulmonology

Qualification

MBBS | MD (Respiratory Medicine) | DNB (Respiratory Medicine)

Overview

Dr. Meghna Rai Prasad is a skilled pulmonologist in Electronic City with specialised expertise in clinical and interventional pulmonology, supported by advanced training in minimally invasive respiratory procedures. She is currently practising as a Consultant – Pulmonology at Manipal Hospital Electronic City. Dr. Meghna Rai Prasad has focused expertise in interventional pulmonology, interstitial lung disease, asthma, COPD, sleep medicine, and critical care. Her combination of procedural proficiency and comprehensive clinical respiratory care makes her a top interventional pulmonologist in Electronic City with experience in managing both common and complex respiratory conditions. Dr. Meghna Rai Prasad completed her MBBS, followed by an MD in Respiratory Medicine and a DNB in Respiratory Medicine. She then pursued a fellowship in Interventional Pulmonology, strengthening her foundation in clinical respiratory medicine and advanced diagnostic and therapeutic bronchoscopic procedures. At Manipal Hospital Electronic City, Dr. Meghna Rai Prasad provides comprehensive care for patients with a broad range of respiratory conditions. Her clinical expertise includes interventional pulmonology, interstitial lung disease,

bronchial asthma, chronic obstructive pulmonary disease, sleep medicine, pleural diseases, pulmonary hypertension, respiratory infections, and critical care. She combines detailed clinical assessment with appropriate investigations and evidence-based treatment planning, with an emphasis on understanding each patient's individual respiratory needs. In clinical pulmonology and critical care, Dr. Meghna manages complex respiratory conditions such as idiopathic pulmonary fibrosis, hypersensitivity pneumonitis, severe uncontrolled asthma, pulmonary hypertension, bronchiectasis, and sleep apnoea. Having actively managed critically ill pulmonary patients through the COVID-19 pandemic, she integrates advanced mechanical ventilation strategies with personalised pulmonary rehabilitation, preventive immunisation, and smoking cessation counselling. Dr. Meghna is deeply committed to respiratory research and clinical education. She has authored impactful papers in international journals, including research on circulatory biomarkers in ILD and global meta-analyses on air pollution and COPD mortality. She serves as invited faculty at national forums, including the PalliPulm workshop at IAPCON 2026, and has won multiple awards at national conferences, including NAPCON and the Chest Research Foundation Pune. Fluent in English, Hindi, Kannada, and Tulu, Dr. Meghna combines empathy, transparent counselling, and clinical excellence, making her a top interventional pulmonologist in Electronic City.

Fellowship & Membership

- Fellowship in Interventional Pulmonology - Indian Association of
- Bronchology (FIAB), Yashoda Hospital, Hitec City, Hyderabad

Field of Expertise

- Interventional Pulmonology

- Clinical Pulmonology
- ILD
- Asthma
- COPD
- Sleep Medicine
- Critical Care

Languages Spoken

- English
- Hindi
- Kannada
- Tulu

Awards & Achievements

- Rank 1, Karnataka State, MD Respiratory Medicine (All Karnataka Universities)
- Rank 1, Department of Respiratory Medicine, JSS Medical College, Mysore (MD/MS Finals)
- 3rd Place Poster - NAPCON 2021
- 1st Place Poster - JSSMC Research Fair 2022
- 2nd Place ILD Quiz - Chest Research Foundation, Pune, 2020
- 1st Place Scifix PG Quiz - Lupin Respiratory Division, 2021

Talks & Publications

- Circulatory Serum Krebs von den Lungen-6 and Surfactant Protein-D Concentrations Predict Interstitial Lung Disease Progression and Mortality - Meghna Rai et al., Cells (MDPI), 2023.

- Outdoor Air Pollution Impacts Chronic Obstructive Pulmonary Disease Deaths in South Asia and China: A Systematic Review and Meta-Analysis - BSP Shetty, George D'Souza, Mahesh PA, Meghna Rai Prasad, Wellcome Open Research, 2022.
- Faculty, PalliPulm Pre-Conference Workshop, IAPCON 2026.