



DR. RAHUL CHAKRABORTY

Consultant - Pulmonology

Qualification

MBBS | MD (Respiratory Medicine-Gold Medalist) | DM (Pulmonology, Critical Care & Sleep Medicine)

Overview

Dr. Rahul Chakraborty is an exceptionally accomplished Pulmonologist, Critical Care Specialist, and Sleep Medicine Expert with nearly a decade of clinical, academic, and advanced interventional experience. He completed his MBBS at the prestigious Medical College, Kolkata (2009–2015), followed by a post-graduation in Respiratory Medicine (MD) from Nil Ratan Sircar (NRS) Medical College, Kolkata (2017–2020), where he graduated as the University Topper and Gold Medalist. He later advanced his specialisation by completing his DM in Pulmonary, Critical Care, and Sleep Medicine from the All India Institute of Medical Sciences (AIIMS), Raipur (July 2023–July 2026). During the height of the COVID-19 pandemic (2020–2022), he served as a vital member of the State's Main Covid-19 Task Force in West Bengal while working as a Senior Resident at the Infectious Disease and Belegghata General (ID & BG) Hospital, managing dedicated COVID ICUs, wards, and outpatient departments. He has performed more than one thousand diagnostic and therapeutic bronchoscopies and is highly skilled in advanced interventions, including Radial and Convex probe EBUS-guided procedures, Medical Thoracoscopy, and Endobronchial Ablative

Therapies like Electrocautery and Cryotherapy. He is fully competent in managing critically ill patients and executing advanced diagnostic testing, including Level 1 Polysomnography (Sleep Studies), Spirometry, Bodybox Plethysmography, FENO, CPET, and DLCO, and he has participated in three Whole Lung Lavage procedures at AIIMS Raipur. He is an active researcher who has published articles in prominent journals, notably publishing his work on Ultrasonographic evaluation of Diaphragm in the patients of Obstructive Sleep Apnea in Lung India (2025) and investigating hyper-inflammation treatments during the pandemic in the Journal of Infectious Disease (2021). He has presented his research on international platforms, including a poster presentation at the prestigious World Sleep Congress 2025 in Singapore and oral presentations at national conferences like NAPCON (Jaipur and Kochi). He was recognised with the Dr. D. Sen Memorial Award (2020) by ACP West Bengal, won first prize in the National Pulmo Quiz, and won first prize in oral presentations at ACPCON 2018. He regularly conducts bedside teaching, theory classes, and workshops for medical undergraduates, interns, and postgraduates, and he was actively involved in organising the National Pulmo Update conference at AIIMS Raipur. He serves as an active lifetime member of the Indian Chest Society (ICS) and is a member of the European Respiratory Society (ERS).

Fellowship & Membership

- Life member of the Indian Chest Society (ICS)
- Member of the European Respiratory Society (ERS)

Field of Expertise

- Advanced interventional pulmonary procedures like Radial and Convex probe EBUS guided procedures

- Diagnostic and therapeutic bronchoscopies (performed more than thousand bronchoscopies)
- Endobronchial ablative therapies like Electrocautery, Cryotherap
- Medical thoracoscopy
- Pleural interventions like Intercostal Tube Placement, Pigtail Drainage, Pleural Adhesionolysis, Chemical Pleurodesis
- Level 1 Polysomnography and interpretation of sleep studies
- Competency in Spirometry, Bodybox Plethysmography, FENO, CPET, DLCO and advanced pulmonary function test
- Participated in 3 Whole Lung Lavage Procedure in AIIMS Raipur
- Management of critically ill patients and critical care interventions

Languages Spoken

- Bengali
- English
- Hindi

Awards & Achievements

- University topper and gold medalist in MD Respiratory Medicine (WBUHS): 2020
- Dr. D Sen Memorial Award, 2020, by ACP West Bengal
- Presented research poster in the prestigious World Sleep Congress, 2025 in Singapore (organised by World Sleep Society)
- Participated as Faculty in NAPCON, JAIPUR- 2025
- 1st Prize in oral presentation in ACPCON- 2018
- 1st Prize in national pulmo quiz in PULMOCON

Talks & Publications

- Correlation of Perceived Dyspnea with Radiological findings in patients with diffuse parenchymal lung disease in a tertiary care hospital- Published in International Journal of Scientific Research in March 2022
- Correlation of Perceived Dyspnea with 6 minute walk test and Spirometric findings in diffuse parenchymal lung disease patients in a tertiary care hospital- Published in International Journal of Scientific Research in March 2022
- Nature and dimensions of systemic hyperinflammation and its attenuation by convalescent plasma in severe covid 19- Journal of Infectious Disease in January 2021
- Ultrasonographic evaluation of diaphragm in the patients of Obstructive Sleep Apnea- Lung India 2025