

DR. JAYATI SENGUPTA

Consultant – Paediatrician and Neonatologist

Qualification

MBBS (Hons) | MD (Paediatrics)

Overview

Dr. Jayati Sengupta is a distinguished consultant in the Department of Paediatrics and Neonatology at Manipal Hospitals, Dhakuria, with over 26 years of clinical experience. She earned her MBBS with honours from Calcutta Medical College and completed her MD in Paediatrics from the University College of Medicine, Kolkata. Further enhancing her expertise, Dr. Sengupta underwent specialised training in Paediatric Nephrology at Birmingham Children's Hospital in the UK. Renowned for her contributions to Paediatric Nephrology and Neonatal Care, Dr. Sengupta has made significant strides in child health and kidney-related paediatric conditions. She has been instrumental in establishing and developing the Paediatrics Department at a renowned institution. Her clinical interests include the management of nephrotic syndrome, acute kidney injury, chronic kidney disease, and neonatal intensive care. She is a life member of several prestigious medical organisations, such as the Indian Academy of Paediatrics (IAP), the Indian Society of Paediatric Nephrology (ISPN), the Indian Society of Nephrology (ISN), and the National Neonatology Forum (NNF). Dr. Sengupta also actively contributes to global discourse as a member of

the International Paediatric Nephrology Association (IPNA) and the Asian Society of Paediatric Nephrology. Her achievements in the field of paediatrics have placed her among the best specialists for child care in Kolkata. She has played pivotal roles, such as Organising Secretary for national conferences, and regularly serves as faculty at events like PEDICON, ISPNCON, and NEOCON. In addition, Dr. Sengupta has carried out innovative research studies, which she has presented internationally in Shanghai and Venice. She has also authored several textbook chapters and peer-reviewed articles for prominent paediatric journals. Fluent in English, Bengali, and Hindi, Dr. Sengupta ensures clear and compassionate communication with her patients and their families. Her unwavering commitment to paediatric healthcare, medical education, and research makes her one of the most trusted paediatricians in Kolkata.

Fellowship & Membership

- Life member of the Indian Academy of Paediatrics
- Life member of the National Neonatology Forum
- Life member of the Indian Society of Paediatric Nephrology
- Life member of the Indian Society of Nephrology
- Member of the International Paediatric Nephrology Association
- Member of the Asian Society of Paediatric Nephrology

Field of Expertise

- Comprehensive management of general paediatric conditions, providing preventive and curative care for infants, children, and adolescents.
- Specialised in Paediatric Nephrology, with extensive experience in treating kidney-related disorders such as nephrotic syndrome, acute kidney injury, urinary tract infections, and

chronic kidney disease in children.
- Expert in Neonatal Care, offering advanced care for premature and critically ill newborns, including management of neonatal infections, respiratory distress, and developmental complications.

Languages Spoken

- English
- Bengali
- Hindi

Awards & Achievements

- Organising Secretary of the National Conference of the Indian Society of Paediatric Nephrology, 2010.
- Faculty members at every National Conference in Paediatric Nephrology.
- PALS (Paediatric Advanced Life Support) course instructor.
- Faculty member at major state and national level conferences in paediatrics (PEDICON) and neonatology (NEOCON).
- Conducted an original study accepted for poster presentation at the International Paediatric Nephrology Conference in Shanghai, China, in August 2013.
- Conducted an original study on bladder disorders accepted as a poster presentation at the International Paediatric Nephrology Conference in Venice, Italy, in October 2019.
- Guide for a thesis titled "Clinical Parameters in Children between 5-18 Years with Special Emphasis on the Prevalence of Overweight & Obesity," submitted by a student for post-graduation in the Clinical Research Department of Clinical Pharmacy, Jadavpur University

- Secretary and founding member of the Bengal Society of Paediatric Nephrology.

Talks & Publications

- Authored Chapter 28, "Renal Diseases of the Newborn," in the IAP Speciality Series on Pediatric Nephrology, published by IAP in 2011 and 2019, edited by A.S. Vasudev.
- Authored the chapter "Medical Renal Diseases in the Newborn" in "Principles and Practice of Pediatric Nephrology," 2nd edition, published in 2012, edited by Dr. M. Vijayakumar.
- Outcome of severe steroid-dependent nephrotic syndrome treated with Mycophenolate mofetil, Banerjee S, Pahari A, Sengupta Jayati, Patnaik S; Pediatric Nephrology, Journal of the International Pediatric Nephrology Association, ISSN 0931-041X, Volume 28, Number 1, Paediatric Nephrology (2012) 28:93-97.
- Vitamin D in Nephrotic Syndrome Remission: A Case-Control Study, Banerjee S, Basu S, Sengupta Jayati; Pediatric Nephrology, Journal of the International Pediatric Nephrology Association, ISSN 0931-041X, Paediatric Nephrology (2013) 28:1983-1989.
- Paediatric AKI and Management - Review Article Published in Clinical Queries Nephrology, July-September 2013, Volume 2, Issue 3.
- Comparative Evaluation of Cefpodoxime Proxetil and Cefixime in Lower Respiratory Tracts in Children, Sengupta J; Indian Journal of Paediatrics, Volume 71, Number 6, 517-521, DOI: 10.1007/BF02724293.
- ISPN Guidelines for Management of Steroid Sensitive Nephrotic Syndrome, Published in Indian Paediatrics; Member of Core Committee.

- ISPN Guidelines for Management of Steroid Dependent Nephrotic Syndrome, Published in Indian Paediatrics, 2011; Member of Core Committee.
- ISPN Guidelines for Management of Urinary Tract Infections in Children, Published in Indian Paediatrics, 2011; Member of Core Committee.
- A Rare Case of Myelofibrosis Secondary to Juvenile Idiopathic Arthritis, Neelesh Jain, Rajani Sinha, Jayati Sengupta, Joydeep Chakrabartty; April 2016, British Journal of Haematology.
- 'Clinical Relevance of Vitamin D in Native Kidney Disease' by S. Banerjee, J. Sengupta et al. in Paediatric Nephrology, 2023.
- 'The Effect of Vitamin D and Calcium Supplementation in Paediatric Steroid-Sensitive Nephrotic Syndrome' by S. Banerjee, S. Basu, A. Sen, J. Sengupta in Paediatric Nephrology, 32, 2063-207.
- 'Free Vitamin D Levels in Steroid-Sensitive Nephrotic Syndrome and Healthy Controls' by S. Banerjee, S. Basu, S. Akhtar, R. Sinha, A. Sen, J. Sengupta in Paediatric Nephrology, 35, 447-454.
- 'Antineutrophil Cytoplasmic Antibody in Children with Nephrotic Syndrome Treated with Levamisole: A Cross-Sectional Cohort Study' by R. Sinha, S. Sarkar, S. Banerjee, S. Akhtar, S. Poddar, D. Dasgupta, R. Saha, J. Sengupta in Paediatric Nephrology, 2024.
- Daily Compared with Alternate-Day Levamisole in Pediatric Nephrotic Syndrome: An Open-Label Randomised Controlled Study' by S. Banerjee, J. Sengupta, R. Sinha, S. Chatterjee, S. Sarkar, S. Akhtar in Paediatric Nephrology, 1-9, 2024.