

DR. JAYATI SENGUPTA

Consultant - Paediatric and Neonatology Specialist

Qualification

MBBS (Hons) | MD (Paediatrics)

Overview

Dr. Jayati Sengupta is a well-reputed paediatrician and neonatologist based in Kolkata. She is currently serving as a consultant in the Department of Paediatrics and Neonatology at Manipal Hospitals, Mukundapur, Kolkata. With an illustrious career spanning over 26 years, Dr. Sengupta has made significant contributions to the fields of Paediatric Nephrology and Child Healthcare. She completed her MBBS with honours from Calcutta Medical College and earned her MD in Paediatrics from the University College of Medicine, Kolkata. She further specialised in Paediatric Nephrology at Birmingham Children's Hospital in the UK, where she developed a keen interest in the subspecialty. Her expertise in Paediatric Nephrology has been recognised nationally and internationally. She is a renowned Paediatrician in Kolkata. She is a life member of several prestigious national and international organisations, such as the International Paediatric Nephrology Association (IPNA), and the Indian Academy of Paediatrics (IAP). Moreover, Dr. Sengupta has been a regular faculty member at national conferences such as PEDICON and ISPNCON, contributing her knowledge and experience in Paediatric Nephrology.

She has also served as the organising secretary for the 2010 National Conference of the Indian Society of Paediatric Nephrology. Her commitment to education extends to being a Paediatric Advanced Life Support (PALS) course instructor and a faculty member at major state and national conferences in paediatrics and neonatology. Her research work has gained international recognition, with original studies presented at conferences in Shanghai and Venice. She has authored chapters in notable textbooks on Paediatric Nephrology and has numerous publications in peer-reviewed national and international journals. Her research interests include steroid-dependent nephrotic syndrome, vitamin D in nephrotic syndrome remission, and paediatric acute kidney injury. In addition to her clinical and research endeavours, Dr. Sengupta has been a guiding force for students in the Department of Clinical Pharmacology and Clinical Research at Jadavpur University. She has supervised theses and projects, contributing to the academic growth of future medical professionals. Dr. Sengupta's contributions to the field of Paediatric Nephrology and her dedication to improving child healthcare have been instrumental in the growth and development of the Paediatrics Department since its early stages. She continues to be a leading figure in her field, committed to providing exceptional care and advancing medical knowledge. Her passion for Paediatrics and Neonatology, combined with her extensive training and experience, make Dr. Sengupta a highly trusted paediatrician, loved by parents and children.

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.