

DR. SUMITA MISHRA

Associate Consultant - Paediatrician and Paediatric Intensivist

Qualification

MBBS | DNB (Paediatrics) | IDPCCM (Pediatrics Critical Care Medicine)

Overview

Dr. Sumita Mishra is a consultant paediatrician and paediatric intensivist serving in the Department of Paediatrics at Manipal Hospitals, Siliguri. With a solid clinical foundation, she brings a focused and evidence-based approach to Paediatric Medicine. Dr. Mishra completed her MBBS at the Institute of Medical Sciences and SUM Hospital under Utkal University. She graduated with honours in Forensic Medicine and Toxicology (FMT) and a university gold medal in surgery. Driven by a passion for child health, Dr. Mishra later chose to pursue her DNB in Paediatrics at Jawaharlal Nehru Hospital & Research Centre, Bhilai. She further completed her post-specialisation diploma by obtaining the Indian Diploma in Paediatric Critical Care Medicine (IDPCCM) at KIMS, Bhubaneshwar. The specialisation allowed Dr. Mishra to deepen her expertise in Paediatric Intensive Care. With over 5.6 years of professional experience, Dr. Mishra holds expertise in several areas of Paediatric Medicine, including General Paediatrics, Paediatric Trauma and Infections, Emergency Medicine and postoperative care. She also has hands-on experience with various Paediatric Intensive Care procedures. These include HFOV (High-

Frequency Oscillatory Ventilation), CRRT (Continuous Renal Replacement Therapy), and HD (Haemodialysis), among others. In addition, Dr. Mishra has a special interest in using tools like Bronchoscopy, Extracorporeal Membrane Oxygenation (ECMO), and Point-of-Care Ultrasound (POCUS). Alongside her clinical work, Dr. Mishra is actively involved in Basic Life Support (BLS) and Paediatric Advanced Life Support (PALS) training. Furthermore, Dr. Mishra conducted her thesis on non-alcoholic fatty liver disease (NAFLD) and its correlation with body mass index (BMI) in the paediatric age group. The research is currently under review for publication in indexed journals. Dr. Mishra's work has been recognised at various national platforms, highlighting her commitment to excellence in Paediatrics. At PEDICON 2018, she was awarded second prize for presenting a large-scale study on dengue in children aged 0-18. The presentation was based on data from over 900 cases during a dengue epidemic in Bhilai. Fluent in English, Hindi, and Bengali, Dr. Mishra commits herself to providing effective care, empathy, and support to all children. She ensures her patients, along with their parents, feel heard and actively involved in the treatment process. Dr. Mishra's dedication to providing patient-centric care, along with her achievements, places her among the top paediatricians in Siliguri.

Field of Expertise

- General Paediatrics.
- Paediatric Intensive Care (PICU) procedures—HFOV (High-Frequency Oscillatory Ventilation), CRRT (Continuous Renal Replacement Therapy), SLED (Sustained Low-Efficiency Dialysis), and HD (Haemodialysis).
- Emergency Paediatrics.
- Point-of-care Ultrasound (POCUS).
- Paediatric Trauma and Post-operative Care.
- Infectious Disease in Children.

- Bronchoscopy and ECMO.
- Basic Life Support (BLS) and Paediatric Advanced Life Support (PALS).

Languages Spoken

- English
- Hindi
- Bengali

Awards & Achievements

- Earned a University Gold Medal in Surgery During MBBS at Utkal University.
- Awarded 2nd Prize for Case Presentation at PEDICON 2018, for a Large-Scale Study Involving Over 900.
- Paediatric Dengue Cases During an Epidemic in Bhilai.
- Completed and Received the Point-of-Care Ultrasound (POCUS) Online Certification Course.

Talks & Publications

- Thesis - Conducted a Thesis on Non-Alcoholic Fatty Liver Disease (NAFLD) and Its Correlation With Body Mass Index (BMI) in Children; Currently Under Consideration for Publication in Indexed Journals.