



DR. SOUVIK PAUL

Consultant - Critical Care Medicine

Qualification

M.D. Physician, M.D. Anaesthesiology. | Fellowship in Regional Anaesthesia and Pain Management. | Fellowship in Critical Care. | Clinical Andrology (ASRM, USA). | ECFMG (USA).

Overview

Dr. Souvik Paul is a Consultant in the Department of Critical Care Medicine at Manipal Hospitals, E.M. Bypass, Kolkata, bringing extensive expertise in critical care, anaesthesiology, and pain management. With an M.D. in Physician and Anaesthesiology, along with Fellowships in Regional Anaesthesia, Pain Management, and Critical Care, Dr. Paul plays a pivotal role as the In-charge of the ONCO ICU, ensuring superior patient care for critically ill cancer patients. His vast experience includes serving as an e-ICU physician, facilitating remote critical care management, and contributing significantly to medical education as an Associate Professor in Critical Care Medicine and DNB Teacher in Emergency Medicine. Passionate about research, he has presented papers at national conferences, including his study on labour analgesia for previous LSCS patients at the 4th National Conference of the Association of Obstetric Anaesthesiologists (Hyderabad, 2011) and a poster presentation on difficult airway assessment at the same event. Dr. Paul's dedication to advanced critical care protocols, pain management strategies, and emergency

medicine education makes him a leading name in intensive care medicine in Kolkata. His patient-centric approach, academic contributions, and expertise in regional anaesthesia and emergency care ensure the highest standards of medical excellence at Manipal Hospitals.

Fellowship & Membership

- Indian Society of Anaesthesiologists: Life member/ISA No. S4384 (29.09.2012).
- Tamil Nadu Dr. M.G.R. University: Fellow in Regional Anaesthesia and Pain Management.
- Indian Society of Critical Care Medicine: (Life Member) LM-15/P-717.
- EDIC (Europe).

Field of Expertise

- Airway & Ventilation: Advanced airway management, including percutaneous tracheostomy invasive and non-invasive mechanical ventilation, ARDS management, prone positioning, advanced ventilator modes, ECMO ventilation strategies.
- Hemodynamic Monitoring & Shock Management: Invasive and non-invasive monitoring, point-of-care ultrasound (POCUS), echocardiography in ICU, management of septic, cardiogenic, hypovolemic, and obstructive shock, vasopressor and inotrope titration.
- Renal & Metabolic Support: Acute kidney injury management, continuous renal replacement therapies (CRRT, SLED, IHD), fluid and electrolyte balance, acid-base disorders, nutritional optimization in critically ill patients.
- Neurocritical Care: Traumatic brain injury, stroke, status

epilepticus, meningitis/encephalitis, intracranial pressure monitoring, brain death determination, post-neurosurgical critical care.

- Infectious Diseases in ICU: Sepsis and septic shock management, antimicrobial stewardship, management of multidrug-resistant organisms, advanced antimicrobials (e.g., ceftazidime-avibactam, cefiderocol), invasive fungal infections.
- OPD follow up of discharge patients, and bringing the confidence to the patient and their relatives that Manipal Family is with always them.

Languages Spoken

- English
- Bengali
- Hindi

Awards & Achievements

- Paper Presentation at a National Conference: "Our experience of labour analgesia on a previous LSCS patient" 4th National Conference of the Association of Obstetric Anaesthesiologists. Sep '11, Hyderabad.
- Poster presentation at the national conference "Assessment of Difficult Airway", 4th National Conference of the Association of Obstetric Anaesthesiologists, Sep '11, Hyderabad.

Talks & Publications

- Publication (Case Report) "Incidental diagnosis of medullary thyroid carcinoma due to persistently elevated procalcitonin in

a patient with COVID-19 pneumonia: A case report". World J Clin Cases 2022 July 16; 10(20): 7171-7177 DOI: 10.12998/wjcc.v10.i20.7171 ISSN 2307-8960 <https://pubmed.ncbi.nlm.nih.gov/36051107/>

- Publication (Case Summary) "Anaesthetic Management Of A Case of Hereditary Spherocytosis For Splenectomy and Cholecystectomy" in Journal Of Evolution Of Medical and Dental Science (pISSN - 2278 - 4748) Vol 1/ Issue 51/ Nov' 202.