

DR. AMIYA KUMAR MISHRA

Senior Consultant - Anesthesiologist

Qualification

Faculty – DNB Anaesthesiology | MBBS | MD (Anaesthesia) FIPM (Pain Medicine) | IDRA (ICA) & FCPM (Trivandrum Institute of Palliative Sciences) | MBA (Hospital Administration) | BLS/ACLS / PALS Instructor | ATLS Provider

Overview

Dr. Amiya Kumar Mishra is a Senior Consultant & in-charge in the Department of Anaesthesiology at Manipal Hospitals E.M. Bypass, Kolkata. With over 27 years of post-MD experience in anaesthesia and critical care, Dr. Mishra is an expert in managing complex medical procedures and critical cases. He completed his MD in Anaesthesia from Berhampur University, Orissa, in 1997, following an MBBS from the same institution in 1990, and he did three years of senior residency in Anaesthesia at AIIMS, New Delhi from January 1998 to December 2000. His career spans prestigious roles, including Senior Consultant and Head of Anaesthesia and Pain Medicine at Medica Superspecialty Hospital in Kolkata, where he pioneered the Liver Transplant Anaesthesia program, successfully managing over 1,100 renal transplant cases and 10 liver transplants. His credentials include certifications in Advanced Trauma Life Support (ATLS), Liver Transplant Observership, Critical Care Infectious Disease, and Interventional Pain Management, among others. Dr. Mishra’s extensive training includes

an MBA in Hospital Administration and advanced fellowships in acute pain management and regional anaesthesia. He has served as a faculty member and coordinator in numerous professional workshops and conferences, sharing expertise in airway management, trauma care, pain management, and anaesthesia techniques, and also conducted faculty development workshop as course director. Many accomplishments are his contributions to national and international forums such as ISACON and workshops on thoracic anaesthesia, regional blocks, and critical care. Dr. Mishra's academic contributions are equally impressive, with several published studies and presentations on diverse topics such as coronary artery disease, anaesthesia techniques, and perioperative care. His involvement in ground-breaking research, including the effects of yogic intervention on coronary risk factors at AIIMS, highlights his commitment to innovation in healthcare. At present, he is working as a principal investigator in an international observational study on airway management in operating room and non-operating room anaesthesia (STARGATE STUDY). He completed the six-month Foundation Course in Palliative Care from Trivandrum Institute of Palliative Sciences in December 2022 and over the years, he has guided aspiring medical professionals as a DNB teacher and contributed to the professional development of peers through his leadership in ATLS, ACLS, PALS, and BLS courses. Professionally affiliated with numerous esteemed organizations, including the Indian Society of Anesthesia, Indian Society of Critical Care Medicine, and the Society of Onco Anaesthesia and Perioperative Care, Dr. Mishra continues to influence advancements in anesthesiology and critical care.

Fellowship & Membership

- Indian Society of Anaesthesia
- Indian Society of Neuro-Anaesthesia
- Indian Society of Critical Care Medicine

- Indian Medical Association
- Indian Society of Study of Pain
- All India Association of Difficult Airway
- Academy of Regional Anaesthesia
- Academy of Regional Anaesthesia
- Indian College of Anaesthesiologists (ICA)

Field of Expertise

- Acute Trauma Care
- USG-guided Regional Blocks
- Difficult Airway Management
- Simulation Workshops

Languages Spoken

- English
- Hindi
- Bengali

Awards & Achievements

- General Executive Council Member of All India Difficult Airway Association (Kolkata Chapter) and Society Of Onco Anaesthesia And Perioperative Care (Kolkata Chapter).
- Supported national surgical workshops in Orthopedics, Neurosurgery, ENT, and GI Surgery at Medica Hospital, Kolkata.
- Participated as a faculty member in SOAPC MEET 2024, held on 2nd October 2024 in CNCRI, Kolkata.
- Organized PAIN UPDATE 2024: Abdominal, Pelvic, and Groin Pain at Medica Superspecialty Hospital, Kolkata, on 15th June

2024.

- Participated as a faculty member in ISACON West Bengal 2024 on 31st August & 1st September 2024.
- Participated as a faculty member in multiple PG Assembly Clinical Case Discussions (2018-2023).
- Organized PAIN UPDATE 2023 at Medica Superspecialty Hospital, Kolkata, in July 2023.
- Part of the organizing team for RSACPCON 2023 and a faculty member in the TRAUMA WORKSHOP (April 2023).
- Organized a Workshop on Comprehensive Airway Management at Medica Superspecialty Hospital, Kolkata, on 5th November 2023.
- Participated as a faculty member in the 31st ISACON East Zone Conference held between 23rd and 25th September 2022.
- Participated as a faculty member in ISACON & ISNAC conferences (2017-2022).
- Participated as a faculty member in the Thoracic Anaesthesia Symposium held on 17th December 2022 at Tata Medical Centre, Kolkata.
- Organized USG-guided Regional Anaesthesia Workshop at Medica Superspecialty Hospital in September 2017.
- Organized World Institute of Pain Workshop (ICRA PAIN) in 2016 & 2017 at Medica Superspecialty Hospital and served as faculty.
- Delivered lectures in various Webinars between 2020 and 2024.
- Participated as faculty in Gastro Updates, OBS Critical Care Updates, and Acute Critical Care Updates organized by Medica Hospital.
- Delivered a guest lecture on “Importance of Intra-Operative Normothermia” on 19th January 2019 at Medica Superspecialty Hospital, Kolkata.
- Delivered a guest lecture on “Let Us Green The Hospital, Why

Not from the OT" on 9th July 2018 in a Kolkata forum.

- Delivered a guest lecture on "Tapentadol – A Newer Molecule for Pain Control" at the WB Chapter of Pain Conference in 2012.
- Delivered a guest lecture on Lung Separation Technique at WBISACON (Sept 2011).
- Worked as a faculty member in the Difficult Airway Workshop organized at Medica Superspecialty Hospital during WBISACON 2010.
- Chaired a session on SSEP in ISNAC 2010 in Kolkata.
- Presented Preoperative Intravenous Bolus of Tranxamic Acid in Total Hip Replacement Surgery in ISACON (2006).
- Presented A Comparative Study of Propofol vs. Sevoflurane for LMA Insertion in ASA Grade III/IV Cardiac Cases at ISACON (2006).
- Presented A Comparative Study of Intrathecal Bupivacaine vs. Fentanyl and Bupivacaine in HOLEP Cases at ISACON (2006).
- Presented Percutaneous Transzygomatic Glycol Rhizolysis in Trigeminal Neuralgia Cases at a Neuro-Anesthesia Meet in Delhi Chapter (April 2000).
- Presented Tramadol – A Safe Analgesic in Caesarian Section at the Annual ISA Conference, Orissa Chapter (1996).
- Presented A Comparative Study Between Pipe Curonium and Pancuronium in Elective Abdominal Surgery at the Annual ISA Conference, Orissa Chapter (1995).
- Conducted research on "Effect of Yogic Intervention on Risk Factors in Coronary Artery Disease" in collaboration with AIIMS, New Delhi, under the guidance of Dr. Usha Sachdeva, Dr. K.S. Reddy, and Dr. M.G. Karmaker.
- Worked as Senior Research Officer in an ICMR-collaborated project from February 1993 to April 1994.

Talks & Publications

- Kasturi H. Bandyopadhyay, Amiya Kumar Mishra, SVL Manognya, Comparison Of Thyromental Height Test With Ratio Of Height To Thyromental Distance, Thyromental Distance, And Modified Mallampati Test In Predicting Difficult Laryngoscopy: A Prospective Observational Study.
- Sourav Burman, Ankur Khandelwal, Amiya Kumar Mishra, Laxminarayan Tripathy, Aneurysmal Subarachnoid Haemorrhage in A Patient With Dual Autoimmune Disorders. Perioperative Challenges And Management.
- Anil Singhi, Soumya Mahapatra, Dillip Kumar, Somnath Dey, Amiya Mishra, Arnab De, Challenges in Device Closure of Secundum Atrial Septal Defect in Older Patients in Their Fifth Decade and beyond- An Original article published on 22nd Feb 2022 in CUREUS.
- Bhojwani P, Mishra AK, Choudhary J- Intrathecal 1% 2-Chloroprocaine for Gynaecological Day Care Surgery- A Comparative Study of Three Different Doses sent to IJA for publication in DEC 2021 and accepted for publication.
- Choudhary J, Mishra AK, Jadhav R. Transversalis Fascia Plane Block for the treatment of chronic post-herniorrhaphy inguinal pain- A case report. Published in Anaesthesia & Analgesia Practice, Feb 2018 issue.
- Gadre AK, Mishra AK, Bandyopadhyay KH, Afzal M, Nag T.- Emerging concepts in postoperative pain management- a review. Indian Medical Journal 2017; 111(3): 28A-32A.
- Gadre AK, Bandyopadhyay KH, Afzal M, Mishra AK. Anaesthetic challenge in corrective hand surgery in a child with Russell-Silver Syndrome.MGM Journal
- of Medical Sciences 2017; 4(3):146-148.
- Prabhudesai AA, Bandyopadhyay KH, Mishra AK, Nag T.- Successful management of an anticipated difficult intubation in a patient with misaligned mandibular incisors and canines.

MGM Journal of Medical Sciences 2017; 4(3):143-145.

- Reena, Kasturi H. Bandyopadhyay, Mumtaz Afzal, Amiya K. Mishra, Abhijit Paul. Labor Epidural Analgesia: Past, present, and future. Indian Journal of Pain 2014; Vol 28(2): pages 71-81.
- Amiya K. Mishra, Mumtaz Afzal, Siddhartha S. Mookerjee, Kasturi H. Bandyopadhyay, Abhijit Paul. Pre-emptive analgesia: Recent trends and evidence. Indian Journal of Pain 2013; Vol 27(3): pages 114-12.
- Lung separation technique- Published in WBISACON Anaesthesia Update 2011.
- Mishra A.K., Das H.H.- Special equipment in neuro anaesthesia –Published in Annual ISA meet, CME Book, Delhi Chapter of Neuro-Anaesthesia, 1999.