

DR. KASTURI BANDHYOPADHYAY

Senior Consultant - Anaesthesiology

Qualification

MBBS (Cal) | D.A (Gold Medalist) | DNB (Anaesthesiology) | MNAMS | IDRA (Indian College of Anaesthesiologists) | Diploma in Infection Control Management (NHCA Singapore) | FCPM (Trivandrum Institute of Palliative Sciences)

Overview

Dr. Kasturi H Bandyopadhyay is a Consultant in the Department of Anaesthesiology at Manipal Hospitals E.M. Bypass, Kolkata. With an illustrious academic journey and an impressive professional career, she embodies excellence in anaesthesiology and critical care. Dr. Bandyopadhyay completed her MBBS in 1998 from Nilratan Sircar Medical College & Hospital, Kolkata, followed by a Diploma in Anaesthesiology (D.A.) in 2003, where she earned the prestigious Gold Medal. She further pursued a DNB in Anaesthesiology at the Vivekananda Institute of Medical Sciences, achieving the MNAMS distinction from the National Academy of Medical Sciences in 2011. Her qualifications include the Indian Diploma of Regional Anaesthesia (IDRA) in 2019, a Diploma in Infection Control and Prevention Management (ICM) from NHCA Singapore in 2021, and the Foundation Course in Pain and Palliative Medicine (FCPM) in 2022. Her memberships with several esteemed organizations, such as the Indian Society of Anaesthesiologists, the Indian Medical Association, the Indian Association of Pediatric Anaesthesiologists, and the All India Difficult Airway Association, underscore her commitment to continuous learning and contribution to the field. Dr. Bandyopadhyay's achievements are a testament to her dedication, including receiving a Silver Medal in the National Talent Search for Mathematics, a Gold Medal for her D.A. examination, Distinguished Young Achiever Award from Association of National Board Accredited Institutions in 2021, and multiple awards for her academic and research contributions. As an instructor, she has trained countless medical professionals in advanced life support, pediatric perioperative life support, and trauma care, with certifications from esteemed institutions such as the American Heart Association and the Indian Resuscitation Council. Dr. Bandyopadhyay has also been instrumental in organizing numerous medical workshops and conferences, playing key roles in advancing knowledge-sharing and clinical practices in her specialty. Her research and publications in reputed journals reflect her profound expertise, covering topics such as preoperative management, pediatric anesthesia, pain management, and fetal surgery. Her academic contributions have shaped the understanding of anesthesia in complex medical cases, including congenital conditions and high-risk surgeries.

Fellowship & Membership

- Indian Society of Anesthesiologists, since 2003, presently an executive committee member of ISA, West Bengal, since 2022.
- Indian Medical Association since 2004.
- Indian Association of Pediatric Anesthesiologists since 2012- former executive committee member of IAPA- Bengal Chapter (2018 - 2022).
- All India Difficult Airway Association (AIDAA) since 2017, and presently the treasurer of the AIDAA Kolkata Branch since 2023.
- Indian College of Anaesthesiologists (ICA) since 2017.
- Asian Society of Paediatric Anaesthesiology (ASPA) since 2019.
- Research Society of Anesthesiology & Clinical Pharmacology (RSACP) since 2021.

- Society of Oncoanesthesia and Perioperative Care (SOAPC) 2021.

Field of Expertise

- Paediatric Anaesthesia
- Neuroanesthesia
- USG-guided Regional Anaesthesia in adults and paediatrics
- Acute Pain Management
- Instructing Resuscitation Training Courses (BLS, ACLS, PALS, PPLS, ATLS, COLS, CCLS, BCLS)

Languages Spoken

- English
- Hindi
- Bengali

Awards & Achievements

- Received Silver Medal – for securing 98% marks in National Talent Search for Mathematics in 1987.
- Stood 1st in University Examination of – Diploma in Anaesthesiology, held in April 2003.
- Received Gold Medal – from Indian Society of Anesthesiologists, West Bengal Branch for topping the D.A. examination, 2003.
- Received the Swami Vivekananda Memorial Award for Best Poster Presentation – 21 st Annual Scientific Conference and Platinum Jubilee celebrations of Ramakrishna Mission Seva Pratishthan and Vivekananda Institute of Medical Sciences, Kolkata.
- Received Smt. Sarojini Devi Memorial Award for Best Free Scientific Paper Presentation- Awarded by Indian Society of Anaesthesiologists West Bengal State Branch, held at Burdwan Medical College, Burdwan, West Bengal, in September 2007.
- Have been an instructor for the AHA certified ACLS (Advanced Cardiac Life Support) and BLS (Basic Life Support) courses (AHA instructor I.D number 02130152273) – since January 2013
- Have been an instructor for AHA certified PALS (Paediatric Advanced Life Support) course (AHA instructor I.D number 02130152273) since March 2014
- Have been an instructor for ASPA (Asian Society of Paediatric Anaesthesiologist) and IAPA (Indian Society of Paediatric Anaesthesiologists) certified PPLS (Paediatric Perioperative Life Support) course since June 2019
- Have been an instructor for IRC (Indian resuscitation Council) certified BCLS (Basic Cardiac Life Support) course (Certificate number CRTC6B2321D5905) since September 2019
- Have been an instructor for IRC (Indian resuscitation Council) certified CCLS (Comprehensive Cardiac Life Support) course (Certificate number CRTC12B3741D8952) since March 2020
- Received Distinguished NBE Young Achievers National Award 2021 from ANBAI (Association of National Board Accredited Institutions)- 5th September 2021, Hyderabad
- Have been an instructor for American College of Surgeons certified ATLS course since June 2022 (ATLS Instructor ID – 3657064)
- Organizing committee member: IAPA CME “Pediatric anaesthesia - going beyond clinics. (Attitude, Practice, Communication skills, Documentation, Ethics and Medico-legal issues concerning the practice of Pediatric Anaesthesia.)” held on 12th January, 2020. Conducted by Indian Association of Pediatric Anesthesiologists - Bengal State Chapter. Held at Calcutta National Medical College & Hospital, Kolkata.
- Organizing committee member: IAPA CME “Child with cardiac comorbidities” held on 22nd June, 2022. Conducted by Indian Association of Pediatric Anesthesiologists - Bengal State Chapter. Held at Park Clinic, Kolkata
- Organizing secretary: RSACP National Workshop “Simulation based advanced hemodynamic workshop” held on 23rd July, 2022 conducted by Department of Trauma and Emergency Medicine IPGMER and SSKM hospital

- under the aegis of RSACP National. Held at Trauma Care Centre, SSKM Hospital. Kolkata
- Organizing committee member and Workshop Coordinator (Essentials of Trauma Care): RSACPCON 2023 (31st Annual National and 2nd International Conference of RSACP); Biswa Bangla Convention Centre and Trauma Care Centre, SSKM Hospital. Kolkata.
- Organizing committee member: IAPA Mid Term National CME held on 12 & 13th August 2023. Conducted by Indian Association of Pediatric Anesthesiologists - Bengal State Chapter. Held at IPGMER and SSKM Hospital, Kolkata
- Organizing committee member and Workshop Scientific committee member- Comprehensive Airway Workshop - Basic to Advanced held on 5th November 2023. Conducted by Medica Superspecialty Hospital and AIDAA Kolkata City Branch. Held at Medica Superspecialty Hospital, Kolkata.

Talks & Publications

- Hossain Kasturi. Routine preoperative visit- The forerunner of successful anaesthesia. Your Health - An Indian Medical Association publication for the people. April 2005; volume 54 (ISSN 0513 - 3149): pages 26-28.
- Bandyopadhyay Kasturi H, Nag T, Bhattacharya J. Prophylactic administration of a single dose of intravenous Ondansetron for the prevention of Intraoperative nausea and vomiting during elective caesarian section under spinal anaesthesia. Journal of the Vivekananda Institute of Medical Sciences. 2008; Vol 30 (1) ISSN 0970-4396: pages 18 - 22.
- Bandyopadhyay Kasturi H, Bhattacharya Jayanta (Guide). A comparative study of the prophylactic dose of Granisetron and Granisetron with Dexamethasone for prevention of postoperative nausea and vomiting following laparoscopic cholecystectomy. Dissertation accepted by the National Board of Examinations, New Delhi, in September 2008.
- Bandyopadhyay Kasturi H, Nag T. Noninvasive positive pressure ventilation- A concise review. Journal of the Vivekananda Institute of Medical Sciences. 2009; Vol 32 (II) ISSN 0970-4396 : pages 41- 48.
- Paul Abhijit, Bandyopadhyay Kasturi H, Patro V. Anaesthetic Management of a parturient with Guillain- Barre Syndrome posted for emergency caesarian section-a case report. Journal of obstetric anaesthesia and Critical care 2012; Vol 2(1): pages 40-43.
- Chandra Krishnendu , Bhattacharya Jayanta (Guide), Bandyopadhyay Kasturi H (co-guide). A comparative study of intrathecal Clonidine and Fentanyl as adjuvant to Bupivacaine for postoperative analgesia in gynaecological surgery. Dissertation accepted by The West Bengal University of Health Sciences for MD Anaesthesiology. 2011-2014.
- Amiya K. Mishra, Mumtaz Afzal, Siddhartha S. Mookerjee, Kasturi H. Bandyopadhyay, Abhijit Paul. Pre-emptive analgesia: Recent trends and evidences. Indian Journal of Pain 2013; Vol 27(3): pages 114-120.
- 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.
- Bhattacharya Supriyo, Bhattacharya Jayanta (Guide), Bandyopadhyay Kasturi H (co-guide). A comparative study of intrathecal isobaric 0.5% Bupivacaine and isobaric 0.75% Ropivacaine in elective lower uterine caesarian sections. Dissertation accepted by The West Bengal University of Health Sciences for MD Anaesthesiology. 2012- 2015.
- Saha S, Bandyopadhyay Kasturi H, Paul A. Successful peri-operative management of pregnancy with aplastic anaemia undergoing elective lower uterine caesarean section. E-supplement of European Journal of Anaesthesiology June 2015; Vol 32: e-supplement 53.pg 133.
- Nag T, Banerjee Kasturi H. Perioperative blood transfusion in paediatric patients. Journal of the Vivekananda Institute of Medical Sciences 2015 ; Vol 38 (II) ISSN 0970-4396 : pages 48-57.
- Reena, Bandyopadhyay K H, Paul A. Postoperative analgesia for cleft lip and palate repair in children. J Anaesthesiol Clin Pharmacol 2016; 32 : 5-11
- 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 J Med Sci 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 canine. MGM J Med Sci 2017; 4(3):143-145.
- Gadre Akshay Kishore, Datta Chumki (Guide), Bandyopadhyay Kasturi H (co-guide). A comparative study of intrathecal isobaric 0.5% Bupivacaine and isobaric 0.75% Ropivacaine in elective lower segment caesarian

sections. Dissertation accepted by National board of Examination, New Delhi for DNB Anaesthesiology. July 2015 to June 2017 session.

- Prabhudesai AA, Bandyopadhyay KH et al. Anaesthetic management in a parturient with complete heart block posted for emergency uterine evacuation: A case report. MGM J Med Sci 2019; 6(2):98-100.
- Gadre AK, Bandyopadhyay KH, Dutta C, Nag T. A comparative study of intrathecal isobaric 0.5% bupivacaine and intrathecal isobaric 0.75% ropivacaine in elective lower segment cesarean section. J Pharmacol Pharmacother 2019; 10:126-31
- Manogna SVL, Mishra Amiya Kr. (Guide), Bandyopadhyay Kasturi H (co-guide). 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. Dissertation accepted by National board of Examination, New Delhi for DNB Anaesthesiology. January 2020 to January 2023 session.
- Bandyopadhyay KH, De A, Bhattacharya J. Anesthesia for fetal surgery - principles and considerations: a concise review. Indian Journal of Applied Research 2023; 13(2);14-16
- Singhi A K, Mohapatra S K, Biswas N, Bandyopadhyay KH, Bhalerao S, Nath A. PULMOEAST: A Comprehensive Analysis of Pulmonary Hypertension in Eastern India. Cureus 15(12): e50996. DOI 10.7759/cureus.50996.
- Bandyopadhyay KH, Mishra AK, SVL Manogna. 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. Indian Journal of Applied Research 2024; 14(7): Pg.12-14.DOI: 10.36106/ijar