

DR. SUMANTA DEY

Lead Consultant - General & Minimal Access Surgery

Qualification

MBBS | MS (General Surgery) | DNB (General Surgery) | FMAS (Minimal Access Surgery) | FAIS | FNB (Minimal Access Surgery) | Fellowship in Surgical Oncology | FALS (Bariatric Surgery) | FALS (Robotic Surgery)

Overview

Dr. Sumanta Dey is a Lead Consultant in General & Minimal Access Surgery at Manipal Hospitals, E.M. Bypass, Kolkata, with extensive expertise in Advanced Laparoscopic, Bariatric, and Gastrointestinal Surgery. A distinguished Gold Medalist in Surgery, Dr. Dey completed his MBBS (2009), MS – General Surgery (2013), and DNB – General Surgery (2014) and further honed his surgical proficiency through multiple fellowships, including FMAS (2016), FAIS (2018), FNB – Minimal Access Surgery (2018), FALS – Bariatric Surgery (2022), and FALS – Robotic Surgery (2022). His advanced training in Robotic Surgery and Diagnostic Endoscopy enables him to offer cutting-edge, minimally invasive procedures with enhanced precision, reduced recovery time, and superior patient outcomes. With a strong foundation in Gastrointestinal Oncosurgery, Dr. Dey specializes in laparoscopic and robotic interventions for gallbladder diseases, colorectal conditions, hernias, and complex bariatric procedures, such as Sleeve Gastrectomy, Mini Gastric Bypass (MGB), Roux-en-Y Gastric Bypass (RYGB), and Sleeve-Duodenojejunal Bypass (Sleeve-DJB). His expertise

extends to robotic hepatopancreatobiliary (HPB) surgeries, including gallstone management, bile duct stone extraction, choledochal cyst excision, liver cyst surgeries, and splenectomy. Additionally, he is proficient in robotic hernia repairs and abdominal wall reconstructions, effectively managing ventral, incisional, inguinal, umbilical, hiatal, and diaphragmatic hernias with advanced minimally invasive techniques. In robotic upper gastrointestinal surgery, Dr. Dey excels in gastrectomies and metabolic surgeries, ensuring optimal care for patients with gastric cancers and obesity-related disorders. His expertise in robotic colorectal surgery includes small bowel resections and complex colorectal interventions, significantly improving postoperative recovery and quality of life. With a keen focus on research and academic contributions, Dr. Dey serves as a reviewer for esteemed medical journals, including the Journal of Medical Case Reports (BioMed Central) and the Indian Journal of Surgery (official journal of the Association of Surgeons of India).

Fellowship & Membership

- Life member of the Association of Surgeons of India (ASI).
- Life member of the Association of Minimal Access Surgeons of India (AMASI).
- Life member of the Indian Association of Gastro Endoscopic Surgeons of India.
- Member of HERNIACON, 2016.
- Member of IASGCON, 2016.
- Member of ISESCON, 2017.
- Member of the 1st Robotic Surgery Conference in India (2017).
- Member of ACRSICON, 2017.
- Member of Young HSICON, 2019.

Field of Expertise

- Skilled in Robotic Surgery, providing patients with precise and minimally invasive procedures, enabling shorter recovery times and less trauma
- Proficient in advanced Laparoscopic procedures, ensuring patients recover faster and experience less pain
- Expertise in Bariatric Surgery, including Sleeve Gastrectomy, Mini-Gastric Bypass (MGB), Roux-en-Y Gastric Bypass (RYGB), and Sleeve Gastrectomy with Duodenojejunal Bypass (LSG-DJB), helping treat obesity effectively
- Specialises in Gastrointestinal Oncology Procedures, helping treat cancer of the gastrointestinal system
- Proficient in Emergency Laparoscopic Procedures for addressing acute cholecystitis, appendicular perforation, peptic perforation, and intestinal obstruction
- Expertise in Hernia Repair Techniques, such as Total Extraperitoneal Approach (TEP), Transabdominal Preperitoneal (TAPP), Intraperitoneal Onlay Mesh (IPOM) with or without defect closure (IPOM+), enhanced-view Total Extraperitoneal Approach (eTEP), Transversus Abdominis Release (TAR), and Laparoscopic Component Separation

Languages Spoken

- English
- Hindi
- Bengali

Awards & Achievements

- Founder of LWSK (Laparoscopy WorkShop Kolkata) for Basic & Advanced Laparoscopy Training of Surgeons.

- International & National Faculty at various Minimal Access Surgery Conferences for the last 7 years.
- Live Operative Demonstrations at various Surgical Workshops.
- Presented Advanced Laparoscopic Surgical Videos at SAGES 2023, Montreal, Canada.
- Presented Advanced Laparoscopic Surgical Videos at KSERS 2024, Incheon, South Korea.
- Received a "Gold Medal" for "Excellence in Surgery" during MS-Post Graduate Training.
- Received the best scientific poster award at AMASICON 2017.
- Presented two scientific papers at AMASICON 2017.
- Presented a scientific paper and poster at ACRSICON 2017.

Talks & Publications

- Steroid-Induced Perforation of Meckel’s Diverticulum in an Adult. JCR 2017;7:92-96.
- A case report of modified laparoscopic keyhole plus repair for parastomal hernia following ileal conduit. J Min Access Surg, 2017 Oct-Dec;13(4):312-314 DOI:10.4103/jmas.JMAS_249_16 PMID:28695881.
- Palanivelu C, Dey S, Sabnis S, Gupta R, Cumar B, Kumar S, Natarajan R, Ramakrishnan P. Robotic-assisted minimally invasive oesophagectomy for cancer: An initial experience. J Minim Access Surg. 2018 May 4. doi: 10.4103/jmas.JMAS_7_18. PubMed PMID: 29737322.
- Chinnusamy P, Dey S, Chittawadagi B, Gurumurthy S, Sabnis S, Palanisamy S. First robotic pylorus-preserving pancreaticoduodenectomy for Frantz's tumour in an adolescent girl. J Minim Access Surg. 2018 May 4. doi: 10.4103/jmas.JMAS_272_17. PubMed PMID: 29737317.
- Rajapandian, S., Dey, S., Jain, M. et al. Evaluation of Single-

Incision Multiport Laparoscopic Appendectomy (SIMPLA) Performed with Conventional Equipment. Indian J Surg (2018). https://doi.org/10.1007/s12262- 018-1782-8.

- Laparoscopic management of recurrent ventral hernia: an experience of 222 patients. Dey, S., Parthasarathi, R., Sabnis, S.C. et al. Hernia (2019). https://doi.org/10.1007/s10029-019-01912-0.
- Palanisamy, S., Chittawadagi, B., Dey, S. et al. Inflammatory Myofibroblastic Tumour of Colon Mimicking Advanced Malignancy: Report of Two Cases with Review of Literature. Indian J Surg 82, 1280–1283 (2020). https://doi.org/10.1007/s12262-020-02215-w.
- Dey S, Roy S, Guhathakurta A, Ghosh D. Case report on laparoscopic management of congenital peritoneal encapsulation: A rare cause of small bowel obstruction. J Minim Access Surg. 2023 Jul 5. doi: 10.4103/jmas.jmas_55_23. Epub ahead of print. PMID: 37706415.