

CURRICULUM VITAE



**MBBS, MS, DNB, MCh (AIIMS), MNAMS, MRCS (Edin.), MRCS (Glasg.), FSSO, FAIS, FMAS
Fellowship (Robotic Surg)**

Consultant

Department of GI-HPB Surgery
Tata Medical Centre Kolkata



BASIC INFORMATION

- Name- Dr. Shouptik Basu
- Designation – Consultant, Department of GI-HPB Surgery
- Date of Birth- 05/12/1991
- Email- shouptik.basu@tmclkolkata.com
- Subspecialities of Interest: Gastrointestinal and Colorectal Cancer surgery, Minimal Access Oncology, Robotic Surgery, Cytoreductive Surgery and HIPEC, PIPAC (Peritoneal Surface Malignancies)



EDUCATIONAL QUALIFICATIONS

Exam/Degree	Institute	University	Academic Achievements	Attempts
MCh (Surgical Oncology)	All India Institute of Medical Sciences, Patna	All India Institute of Medical Sciences, Patna	➤ First Division	1 st Attempt
2025				
DNB (General Surgery)		National Board of Examinations, New Delhi	➤ B. Ramamurthy Gold Medal for scoring the Highest Marks in June 2020 session	1 st Attempt
2021				
MS (General Surgery)	Bankura Sammilani Medical College and Hospital, Bankura, West Bengal.	West Bengal University of Health Sciences	➤ Best Post Graduate Trainee. ➤ JK Sen Memorial Gold Medal for Highest Marks in MS General Surgery.	1 st Attempt
2020				
MRCS (Edin.)	Royal College of Surgeons, Edinburgh	Royal College of Surgeons, Edinburgh		1 st Attempt
2025				
MRCS (Glasg.)	Royal College of Physicians and Surgeons of Glasgow	Royal College of Physicians and Surgeons of Glasgow		By Election
2025				
MBBS (Hons)	Kalinga Institute of Medical Sciences, Bhubaneswar, Odisha	KIIT University	➤ Gold Medal of Highest Marks in Surgery in Final MBBS (Odisha State) ➤ Honours in Physiology, Biochemistry,	1 st Attempt
2015				

Microbiology, Community
Medicine, Surgery.

**(University Examination
Ranks)**

- First position in Final MBBS Examination
- Second position in 2nd Professional MBBS Examination.
- Second position in 1st Professional MBBS Examination.



FELLOWSHIPS

- Fellowship in Minimal Access Surgery and Robotic Surgery
- Fellowship of Association of Surgeons of India (FAIS)
- Fellowship Society of Surgical Oncology (FSSO), USA
- Indian Association of Surgical Oncology Travelling Fellowship Award with European Society of Surgical Oncology to Gothenberg Sweden, 2024.



MEMBERSHIP OF NATIONAL AND INTERNATIONAL BODIES

- Member of National Academy of Medical Sciences (MNAMS)
- Life Member of Indian Association of Surgical Oncology (IASO)
- Life Member of Association of Surgeons of India (ASI)
- Society of Surgical Oncology, USA (SSO)
- European Society of Surgical Oncology (ESSO)
- Life Member of Indian Society of Peritoneal Surface Malignancy (ISPSM)
- Governing Body Member of Society of Peritoneal Surface Oncology (SPSOI, INDEPSO)
- Member of International Society for study of Pleura and Peritoneum (ISSPP)
- Life Member of Bengal Society of Oncology
- Life Member of Global Cancer Consortium



WORKSHOPS & CERTIFICATION PROGRAMMES

Peritoneal Surface Malignancy

- ESSO Advanced Course on Management of HIPEC after CRS (2024)
- Certification in Hyperthermic Intraperitoneal Chemotherapy (HIPEC) on the NOVOPEC System (2024)
- ISSPP Peritoneal Surface Oncology and PIPAC Workshop with PIPAC Certification, Singapore (2025)

Robotic Surgery

- Fellowship in Robotic Surgery (2025)
- Workshop and Hands-on Training in Robotic Surgery, Department of Surgical Oncology, AIIMS Patna (2019)

Video-Assisted Thoracoscopic Surgery (VATS)

- VATS Training, New Delhi, under Dr. Bhushan Thombare and Dr. Ali Zamir Khan (2025)

Oncoplastic Breast Surgery

- 2nd Tata Annual Oncoplastic Breast Surgery Workshop (OPBS II), Tata Medical Centre, Kolkata (2024) – Led by Dr. Rosina Ahmed and Dr. Sanjit Agarwal



PREVIOUS APPOINTMENTS & ACADEMIC EXPERIENCE

Saroj Gupta Cancer Centre and Research Institute, Kolkata	Consultant GI Oncology (GI-HPB-Colorectal), In-charge of Thoracic and Peritoneal Surface Oncology	<u>Teaching Post</u> Faculty of DrNB (Surgical Oncology) post-doctoral residents	Feb 2025- May 2026
All India Institute of Medical Sciences, Patna	Senior Resident (Surgical Oncology) Post Doctoral Trainee (MCh)- Surgical Oncology	<u>Teaching Post:</u> Faculty for Post Graduate Trainees (Surgery, ENT, Gynaecology, Dentistry), Clinical Fellows, Paramedical Staff, PhD Students, Clinical Researchers	Jan 2022- Jan 2025
Private Practice	Consultant (General and Laparoscopic Surgery)		September 2021- December 2021
RG Kar Medical College and Hospital, Kolkata	Senior Resident (Surgery) Department of General Surgery and Trauma and Emergency Surgery	<u>Teaching Post:</u> Faculty for Undergraduate (MBBS) and Post Graduate (MS – Gen. Surg) students	July 2020- August 2021
Bankura Sammilani Medical College and Hospital	Post Graduate Trainee MS General Surgery	<u>Teaching Post</u> Faculty for Undergraduate (MBBS) students	May 2017- May 2020 (Extension till July 2020 due to COVID 19)

Shambhunath Pandit
Hospital, Annex of
IPGMER and SSKM
Hospital

Junior Resident
Department of General
Surgery.

December 2016 –
May 2017

BR Singh Hospital and
Centre for Medical
Education and
Research, Eastern
Railways, Kolkata

Internship

Compulsory
Rotatory
Internship

July 2015 – July
2016



TEACHING EXPERIENCE

1. I served as faculty for DrNB (Surgical Oncology) post-doctoral residents at Saroj Gupta Cancer Centre and Research Institute, Kolkata. Previously, during my tenure in Surgical Oncology at AIIMS Patna, I was actively involved in teaching postgraduate surgery trainees, clinical fellows, paramedical staff, PhD scholars, and clinical researchers. At RG Kar Medical College and Hospital, I taught undergraduate MBBS students, postgraduate MS Surgery trainees, and DNB Surgery residents. My teaching experience began during my MS training at Bankura Sammilani Medical College and Hospital, where I was involved in the academic training of MBBS students. I was also actively involved in teaching Post-Doctoral Trainees in Surgical Oncology and Postgraduate Surgical Trainees through DigiNerve (Jaypee Brothers) e-lecture series and INISS examinations, and formerly served as a Part-Time/Guest Lecturer in General Surgery and Surgical Oncology at the Calcutta Chirurgiae Collective (CCC).
2. Journal Reviewer in Reputed Journals (Peer-Reviewed, Indexed, International and National): Editorial Board Member of Surgical Oncology Journal (Elsevier). Reviewer for Journal of Maxillofacial Surgery (Springer), Indian Journal of Surgery (Springer), Indian Journal of Surgical Oncology (Springer), and National Journal of Maxillofacial Surgery (Wolters Kluwer), Asian Journal of Medical Sciences, International Surgery Journal, Journal of Clinical and Diagnostic Research (JCDR), Cureus.



BOOKS AND E-LEARNING TEACHING EXPERIENCE

I. Post Graduate Surgery 1st Edition– Jaypee Brothers Publication (Chief Editor: Prof Nilay Mandal)

Chapter (s)

1. Head and Neck Cancers (Chapter No- 33) : Authors- Dr. Shouptik Basu, Prof. Ramanuj Mukherjee
2. Abdominal Wall, Umbilicus, Peritoneum, Retroperitoneum, Mesentery, Omentum (Chapter No-29) Authors: Prof. Hasan Chowdhury (Bangladesh), Prof. Ramanuj Mukherjee, Dr. Shouptik Basu
3. Career Planning after Post Graduation in Surgery (Chapter No- 60): Authors: Dr. Shouptik Basu, Prof. Ramanuj Mukerjee.

II. Video Lecture Series – Digi Nerve by Jaypee Brothers Publication (Chief Editor: Prof Nilay Mandal)

1. **Section Lead – Principles of Oncology in Surgery MS Residency (E Learning Module)**

Contributed 7 academic modules on the following topics

Modules:

- Head and Neck Cancers (Short Case discussion on Carcinoma Tongue, Carcinoma Buccal Mucosa, Operative Video on Neck Dissection)
- Skin Malignancies (Short Case Discussion: Squamous Cell Carcinoma, Basal Cell Carcinoma, Melanoma)

III. Sentinel Node Biopsy in Breast Cancer Ed: Chintamani, Springer Nature

Chapter 2: Surgical Anatomy of the Axilla (Co Authored with Prof. Ramanuj Mukherjee and Dr. Gouri Mukhopadhyay)

IV. Surgical Oncology – App based E-lectures and Book by DigiNerve (Jaypee)

Chief Editor and Section lead in Surgical Oncology with over 138 E-lectures and videos on Surgical Oncology, for students preparing for the for the INSS (AIIMS entrances exam) with lecture notes

V. Textbook of Surgical Oncology by IASO 1st Edition

Authored a chapter on Superior Vena Cava Obstruction Syndrome

 RESEARCH AND PUBLICATIONS

Papers in Currently Submitted in Journals for Review:

1. OviR0: A novel application for assessing the feasibility of Complete Cytoreduction and Hyperthermic Intraperitoneal Chemotherapy in Epithelial Ovarian Cancer following Neoadjuvant Chemotherapy
2. A prospective study to appraise the role of Immunological Biomarkers to predict the post operative outcomes of Epithelial Ovarian Carcinoma patients undergoing Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy

Papers Published:

1. Basu S. (2025). *AI-PREDICT-BM: Artificial Intelligence to predict resectability and evaluate decisions for induction chemotherapy in treatment of buccal mucosa cancer – A novel pilot study*. National Journal of Maxillofacial Surgery, 16(2), 256–262.
https://doi.org/10.4103/njms.njms_195_24
2. Basu S., Adari B. (2025). *Outcomes of primary malignant melanoma of the anorectum: A retrospective institutional experience*. PARIPEX – Indian Journal of Research, 14(1), January 2025.
3. Basu S., Maulik D., Maji J. (2021). *Early takedown of a defunctioning ileostomy, is there a downside? – A prospective analysis from rural Bengal*. International Surgery Journal, 8, 324–330.
4. Basu S., Basu S. (2020). *Symbrachydactyly*. Indian Journal of Surgery.
5. Basu S. (2020). *Transition zone in Hirschsprung's disease*. New England Journal of Medicine, 383(21): e118. doi:10.1056/NEJMicm2007613. PMID: 33207097.
6. Maulik D., Basu S. (2020). *Dolichomesocolic pattern of sigmoid colon mesentery and dietary fibres predispose to sigmoid volvulus: An observation of patients from the “Volvulus Belt” of rural Bengal*. International Journal of Scientific Research (IJSOR), 9(1), 52–54.
7. Basu S., Kirtania D. (2018). *Dermatome mapping: Easy to do with formidable results – Our experience*. International Surgery Journal, 5, 3958–3963.
8. Basu S., Kirtania D., Jana D. (2018). *A comparison of outcomes between uncomplicated and complicated appendicitis: Can a rational approach of injectable antibiotics be applied for uncomplicated appendicitis? – A single centre experience*. International Journal of Advanced Research, 6(Aug), 196–200.
9. Mukherjee R., Basu S. (2021). *“The Nick or Clip”: A giant hepatic artery pseudoaneurysm complicating laparoscopic cholecystectomy*. Journal of Minimal Access Surgery (JMAS).
10. Basu S., Mukherjee R. (2021). *Expecting the unexpected: An encounter with neuroendocrine carcinoma of the breast*. Indian Journal of Surgery (IJS).

11. Basu S. (2019). *Trans-anal protrusion of intussusception (TAPI) revisited: Managed successfully in a resource-limited hospital setting*. International Surgery Journal, 6(1), 310–313.
12. Basu S. (2019). *Benign schwannoma of the abdominal wall: A rare case report and review of literature*. Indian Journal of Case Reports, 250–252.
13. Basu S., Patra T. (2018). *Pleomorphic adenoma of submandibular gland*. Journal of Clinical Research (JCR), 8, 98–101.
14. Basu S. (2018). *Perforation of the anastomotic line post-truncal vagotomy and gastrojejunostomy*. Indian Journal of Case Reports, 150–152.

Abstracts Published:

1. A prospective study to appraise the role of Immunological Biomarkers to predict the post operative outcomes of Epithelial Ovarian Carcinoma patients undergoing Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy. European Journal of Surgical Oncology(2025).
2. Basu S. iCRS Alert: A novel predictive model and smartphone application utilizing Inflammatory Biomarkers to predict postoperative complications in Carcinoma Ovary patients undergoing Interval Cytoreductive Surgery and HIPEC. Scientific Proceeding of NATCON IASO Abstracts & Case reports 2025. *Indian J Surg Oncol* (2024). <https://doi.org/10.1007/s13193-024-02168-6>
3. Basu S, Mukherjee R. Map the Pain: Objective Assesment of Inguinodynia in Hernia Repair by Residents, Journal of the American College of Surgeons, Volume 233, Issue 5, Supplement 2, 2021,Page e63. <https://doi.org/10.1016/j.jamcollsurg.2021.08.168>



CONFERENCE PRESENTATIONS AND AWARDS

1.	Predicting complications after Cytoreductive Surgery and HIPEC	Sing Health Peritoneal Oncology Conference	Best Oral Paper (3 rd Prize)
2.	Setting up a Low cost Peritoneal Oncology Unit in Eastern India: Lessons learnt from financial constraints	SASICON 2026	ABSICON Young Surgeon's award
3.	Can Artificial Intelligence Predict Resectability in Oral Cavity Cancers	ASICON, Kolkata	Faculty Paper
4.	Deep Learning Model to Predict Surgical Resection Versus Induction Chemotherapy in Carcinoma Buccal Mucosa patients with High Infra Temporal Fossa Involvement: A Novel Pilot Study.	ESMO AI and Digital Oncology Conference	E-Poster

5.	iCRS Alert: A novel predictive model and smartphone application utilizing Inflammatory Biomarkers to predict postoperative complications in Carcinoma Ovary patients undergoing Interval Cytoreductive Surgery and HIPEC.	44 th ESSO Congress, Gothenburg (IASO Travelling fellowship)	Poster
6.	iCRS Alert: A novel predictive model and smartphone application utilizing Inflammatory Biomarkers to predict postoperative complications in Carcinoma Ovary patients undergoing Interval Cytoreductive Surgery and HIPEC.	37 th NATCON- IASO	IASO Award Paper
7.	AICAP Flap in Breast Conservation Surgery	37 th NATCON- IASO	Surgical Video Presentation
8.	Hyperthermic Intrathoracic Chemotherapy (HITHOC): A Novel approach for Advanced Lung Malignancies- Our Initial Experience	13 th PSOGI Congress, Venice, Italy 2023	Poster
9.	Peritoneal Surface malignancies in low income countries – ‘Paucity of Funds is NOT a Surgical Barrier’; A retrospective analysis of the outcomes of treatment with Government aided funding schemes	13 th PSOGI Congress, Venice, Italy, 2023	Poster
10.	Platinum and Taxane sensitive Primary Squamous Cell Carcinoma of the Breast: an unfamiliar histological encounter	ABSI Breast Meet, Patna, 2023	Poster
11.	MAP THE PAIN- An Objective Assessment of Hernia Repair By Residents	ACS Clinical Congress 2021, United States	E-Poster
12.	Stress and Burnout among Surgical Trainees in India – Best Competitive Paper	ASICON 2020	1 st Prize
13.	An Unusual Carcinoma of the Breast Managed with Tele Medicine- Best Poster	ASICON 2020	2 nd Prize
14.	Primary Neuroendocrine Carcinoma of the Breast- Best Competitive Poster	ASOMACON 2020	1 st Prize
15.	Histological Surprises – “Two unusual cases mimicking Colon Cancer”	ACRSICON 2020	Non-Competitive Poster
16.	How well did you Fix that Hernia, we can MAP our outcomes. (Dermatome Mapping technique for Groin Hernias)	ASICON, Chennai , 2019	Dr. Palanivelu Best Post Graduate Paper Presentation (Second Prize)

17.	Early Takedown of a Defunctioning Ileostomy: Our Perspective from Rural India	ASICON, Chennai , 2019	Free Paper
18.	Primary Neuro-endocrine Cancer of the Breast	SASICME 2019	Best Post Graduate Poster (First Prize)
19.	Clinical Photography	SASICME 2019	First prize
20.	Bimalendu Mukherjee SurgiQuiz (Prelims)	SASICME 2019	First Position.
21.	An unusual Presentation of Prolapsed Intussusception	SASICME 2018	Best Post Graduate Poster (First Prize)
22.	Groin Pain: Does Mapping Help the Hernia Surgeon	SASICME 2018	Post Graduate Poster
23.	Prolapsed Intussusception in a Child	Association of Pediatric Surgeons of West Bengal, Clinical Meeting.	Clinical Case Presentation
24.	Cervical Lymphadenopathy	Torrent Young Scholar Award, AIIMS, Patna	Selected for Case State level Zonal Presentation Competitive Rounds.
25.	Clubfoot Management by Ponseti Method	SCB Medical College, Cuttack	Paper Presentation



INNOVATIONS IN THE FIELD OF CANCER SURGERY

I am passionate about developing innovative techniques and tools to improve cancer diagnosis and treatment. With a keen interest in artificial intelligence and machine learning, I believe that Artificial Intelligence can revolutionize the field of oncology. Leveraging my experience in computer programming has allowed me to develop the following programs:

- i Devised a computer based software application that utilizes Artificial Intelligence to detect CECT Scan Images to predict Surgical Resectability in Advanced Head and Neck Cancers (**AI-PREDICT-BM**)
- ii **Ovi R0 application:** This application is available free of cost as an online platform or an android application, which predicts whether Cytoreductive Surgery will be feasible after administering Neoadjuvant Chemotherapy in patients with Carcinoma Ovary.