

# Curriculum Vitae



## **Dr. Sudeep Banerjee**

**MBBS (Medical College, Calcutta) MS (PGI, Chandigarh)**

**DNB (GI Surgery) (Christian Medical College, Vellore)**

**Clinical Fellow (HPB & Liver Transplant, NUH, Singapore)**

**Visiting Fellow (HPB & Liver Transplant, Asan Medical Center, Seoul)**

**Visiting Fellow, Pancreas and related cancers**

**(Thomas Jefferson University Hospital, Philadelphia, USA)**

**Senior Consultant and Clinical lead in HPB Surgery**

**Division of Gastrointestinal and HPB Surgery**

**Tata Medical Center, Kolkata, India**



**Registration No.** 55668 (West Bengal Medical Council, India)  
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**Current Designation**

Senior Consultant and Clinical Lead HPB Surgery  
Division of Gastrointestinal and HPB Surgery  
Tata Medical Center, Kolkata, India

**Educational Qualifications**

Year	Degree	Institution / University	Attempt
Feb 2020	<b>Clinical Fellow HPB and Liver transplant</b>	National University Hospital, Singapore	-
May 2010	<b>DNB (GI Surgery)</b> Training completion – July 2009	Christian Medical College, Vellore	First
June 2004	<b>MS (Surgery)</b>	Postgraduate Institute of Medical Education & Research, Chandigarh	First
June 1998	<b>MBBS</b>	Medical College, Calcutta (Calcutta University)	First

## Membership of professional bodies

1. **SSAT** (Society for Surgery of the Alimentary Tract ), USA, 2012
2. **SSO** (Society of Surgical Oncology), USA, 2012
3. **IHPBA** (Indian Chapter) 2015
4. **IRB** (Tata Medical Center) (2012-2018)
5. **ISG-GBC** (International Study Group on Gallbladder Cancer, IHPBA) (2016-)

## Previous Appointments

Year	Designation	Department and Institution	Chief Consultants
October 1998 – September 1999 <b>(1 year)</b>	Internship	Medical College and Hospitals, Calcutta	-
October 1999 – March 2000 <b>(6 months)</b>	Senior House Officer (SHO)	Department of Medicine, Medical College and Hospitals, Calcutta	Prof. S.C. Hazra
July 2001 – June 2004 <b>(3 Years)</b>	Resident Teaching Fellow ( <b>MS Trainee</b> ) <b>Teaching post</b>	Department of <b>Surgery</b> , PGIMER, Chandigarh	Prof. S.M. Bose Prof. J.D. Wig Prof. A. Behera
July 2004 – January 2006 <b>(1 year 6 months)</b>	Senior Registrar <b>Teaching post</b>	<b>GI and Vascular Surgery</b> , PGIMER, Chandigarh	Prof. A. Behera Prof. J.D. Wig
July 2006 – July 2009 <b>(3 years)</b>	Higher Specialty Senior Registrar ( <b>DNB Trainee</b> ) <b>Teaching post</b>	<b>Gastrointestinal Surgery</b> , Christian Medical College, Vellore	Prof. V. Sitaram Prof. G. Mathew Prof. B. Perakath
August 2009 – January 2010 <b>(5 months)</b>	Associate consultant <b>DNB teaching post</b>	<b>GI Surgery and GI Surgical Oncology</b> , Calcutta Medical Research Institute, Kolkata	Prof. N. K. Pal
January 2010 – September 2010 <b>(9 months)</b>	Chief GI Surgeon	The Mission Hospital, Durgapur, West Bengal	-
September 2010 – June 2012 <b>(1 year 10 months)</b>	Junior Consultant <b>Teaching post for PDCC</b>	Tata Medical Center, Kolkata	Dr. M. K. Roy
July 2012 – June 2015 <b>(3 years)</b>	Associate Consultant <b>Teaching post for PDCC</b>	Tata Medical Center, Kolkata	Dr. M. K. Roy

## Other training including international exposure

Year / Duration	Institution	Designation / Capacity	Faculty
December 2010 2 weeks	Tata Memorial Hospital, Mumbai	Visiting Fellow (Thoracic and GI Surgery)	Prof. Pramesh
May 2012 1 month	Asan Medical Center, Seoul, South Korea	Visiting Fellow (HPB and Liver transplant)	Prof. S G Lee
August 2012 5 days	Ethicon Wet Lab, Delhi	Trainee (Microvascular anastomosis)	Hands on course
1 <sup>st</sup> May to 6 <sup>th</sup> June 2014 5 weeks 2 days	Thomas Jefferson University Hospital, Philadelphia, USA	Visiting Fellow (Pancreas and related cancer) IACA fellowship	Prof. C Yeo
July 2017 2 days	Amrita Robotic training center AIMS, Cochin	Trainee Certification for 'Console Surgeon' Robotic surgery	Dr. Kaarthick D (Da Vinci system)
October 2017 3 days	IRCAD, Strasbourg France	Trainee – MIS Advanced course on 'New perspective in HPB surgery'	Directed lectures Wet-lab Hands on course
1 <sup>st</sup> October 2019 to 11 <sup>th</sup> Feb 2020	NUH, Singapore	Clinical Fellow HPB and Liver transplant	Prof. Shridhar Iyer

## Research (Investigator initiated)

1. Somatic mutation profile of *TP53* and *RAS* genes and characterization of whole genome-wide SNP array pattern of pancreatic cancer in Indian population (PANGEN study) – in collaboration with Indian Statistical Institute. (Recruitment – ongoing)
2. Comparison of 18 FDG PET scan, operative and histopathological findings in gallbladder cancer (Recruitment – ongoing)
2. CTFAT study – Radiology initiated study (co-investigator) – Recruitment – ongoing
3. A prospective observational study to determine the impact of malnutrition on excess cost, financial burden and short term clinical outcome of cancer treatments – Digestive disease initiated study (co-investigator) – GI-HPB surgery recruitment – completed

## Past research

1. **Experimental peritonitis in animals** – The effect of CO<sub>2</sub> insufflation on bacterial translocation in experimental peritonitis in rats (*PGI, Chandigarh, 2002 – 2004*) 30 rats
2. **Enhanced recovery protocol in surgery** – The effect of pre-operative oral carbohydrate loading in major colorectal resections – a randomized controlled trial (*CMC, Vellore, 2007*)

## Publications

1. V Gupta, H Garg, A Lal, K Vaiphei, **S Banerjee**: Retroperitoneum. A Rare Location of Extragonadal Germ Cell Tumor. *The Int Journal of Surgery* 2008;17(2).
2. **S Banerjee**, S Shah, S Chandran, A Pulimood, G Mathew. Chronic Perforation in Isolated Xanthogranulomatous Gastritis. *Trop Gastroenterol* 2010;31(1):45-47 (PMID:20860227).
3. V Gupta, **S Banerjee**, H Garg, S Vyas: Spontaneous cholecysto-antral-cutaneous fistula. a consequence of neglected calculus cholecystitis. *Singapore Med J* 2012;53(10) e1-e3.
4. G Deshpande, I Samarasam, **S Banerjee**, B Gnanamuthu, S Chandran, G Mathew. Benign esophagorespiratory fistula: a case series and a novel technique of definitive management. *Diseases of the Esophagus* 2013;26(2):141-147 DOI: 10.1111/j.1442-2050.2012.01347.
5. **S Banerjee**, J Premkumar, M T Manipadam, A Eapen, P Joseph, F L Vyas, R S Raju, V Sitaram. Perivascular epithelioid cell tumor of the duodenum. *TropGastroenterol*.2013;34(3):182-184 DOI:http://dx.doi.org/10.7869/tg.127.
6. G Aggarwal, M K Roy, **S Banerjee**. Optimal wait between long-course neoadjuvant chemoradiotherapy and surgery in locally advanced rectal cancer: a dilemma. *ANZ Journal of Surgery*.2014;84(1-2):4-5 DOI: 10.1111/ans.12449.
7. S Chatterjee, M K Roy, **S Banerjee**, S Mukherjee, S Sen, M Mallath. Hydatid Cyst mimicking cystic neoplasm of tail of pancreas: An EUS diagnosis. *Endoscopy*.2014;46:E318-319.
8. G Aggarwal, M K Roy, **S Banerjee**. CEA levels in colorectal cancer: Are we too preoccupied? *Indian Journal of Cancer*. 2014;Volume51:Issue 4.
9. B Roy, P V Thambi, M K Roy, **S Banerjee**, R Gaurav. Tackling TA stapler failure during low anterior resection. How I do it. *Surg Chron* 2015;20(3):117-118.
10. **S Banerjee**, A Manke, T Bhutia, R Thambudorai, P Roy, S Sinha, V Sitaram, M K Roy. Water-jet for liver parenchymal transection in carcinoma gallbladder. *HPB*.April2016 DOI: 10.1016/j.hpb.2016.03.353.
11. **S Banerjee**, J Das, P Roy, S Sinha, R Thambudorai, M Roy, S Ray, V Sitaram. Comparison of 18 FDG PET scan, operative and histopathological findings in gallbladder cancer. *HPB* April 2016. DOI: 10.1016/j.hpb.2016.02.303.

12. S Chakraborty, **S Banerjee**, I Mallick, S Sen, P Roy. Reporting Serum carcinoembryonic antigen (CEA) values in rectal cancer patients receiving adjuvant radiotherapy before surgery: Spotlight on the utility of patient derived data. *Clin Biochem Rev* 36 Suppl 2015.
13. B Roy, P V Thambi, M K Roy, **S Banerjee**. An Overview of Extralevator Abdominoperineal Excision (ELAPE) for low rectal cancer. *J Surg Arts (Cer San D)*, 2017(2):34-36.
14. G Goel, M Chandy, A Bhattacharyya, **S Banerjee**, S Chatterjee, S Mullick, S Sinha, K Sengupta, K Dhar, S Bhattacharya, S Rudramurthy, A Chakrabarti. Mortality associated with candidemia in non-neutropenic cancer patients is not less compared to a neutropenic cohort of cancer patients. *Eur J Clin Microbiol Infect Dis*. DOI 10.1007/s10096-017-3078-5.
15. M Chandy, A Das, A Bhattacharyya, **S Banerjee**, K Dhar, G Goel, S Bhattacharya. Colistin-Resistant Klebsiella infections among pediatric oncology and hematopoietic stem cell transplantation patients in eastern India. *Infect Control Hosp Epidemiol* 2017;1–3DOI: 10.1017/ice.2017.247
16. N Sikdar, G Saha, A Dutta, S Ghosh, S V Shrikhande, **S Banerjee**. Genetic Alterations of Periampullary and Pancreatic Ductal Adenocarcinoma: An Overview. Review article. *Current Genomics*, 2018 DOI:10.2174/1389202919666180221160753
17. A Bararia, S Dey , S Gulati, S Ghatak , S Ghosh, **S Banerjee**, N Sikdar. Review Article: Differential methylation landscape of pancreatic ductal adenocarcinoma and its precancerous lesions. *Hepatobiliary & Pancreatic Diseases International*. April 16, 2020;22:41
18. G Saha, R Singh, A Mandal, S Das, E Chattopadhyay, P Panja, P Roy, N DeSarkar, S Gulati, S Ghatak, S Ghosh, **S Banerjee**, B Roy, S Ghosh, D Chaudhuri, N Arora, N K Biswas, N Sikdar. A novel hotspot and rare somatic mutation p.A138V, at TP53 is associated with poor survival of pancreatic ductal and periampullary adenocarcinoma patients. *Molecular Medicine* (2020) 26:59 <https://doi.org/10.1186/s10020-020-00183-1>
19. G Aggarwal, S Gupta, **S Banerjee**, M K Roy. Intra-Hepatic Semi-Rigid Ureteroscopy-when Convention Fails. Review Article: *J Surg Res* 2019; 2 (3): 060-064 DOI: 10.26502/jsr.10020020
20. D Lingegowda, A Gehani, S Mukhopadhyay, D Midha, **S Banerjee**, B Gupta. Intraductal Papillary Neoplasm of the Bile Ducts: Case Reports with Review of the Literature. *J Gastrointestinal Abdominal Radiol ISGAR* 2020 DOI <https://doi.org/10.1055/s-0040-1715777>
21. G Aggarwal, S Gupta, **S Banerjee**, V Sitaram. Cystoscopic Balloon Dilatation: A Novel Tool in The Armamentarium to Deal with Complex Intra Hepatic Biliary Strictures. *Journal Of Surgery*, 2019 DOI: 10.29011/2575-9760.001237

## Manuscript Reviewed

# BJS-0321-Mar-11 - Short Term Outcomes of Enhanced Recovery Pathway Compared to Fast Track Pathway in Patients Undergoing Minimally Invasive Colorectal Surgery: A Case Matched Study

## Awards

1. **Sir Pardey Lukis Scholarship - Best outgoing MBBS student in Clinical Medicine**, Medical College, Calcutta (1998) one year
2. I **topped** the higher specialty entrance examination in GI Surgery conducted by CMC, Vellore (June 2006).
3. **“Travel Bursary”** for the Indian Association of Surgical Gastroenterology (IASG) Conference at Chennai, India (2008)
4. Awarded **“First Prize”** in GI Radiology Quiz (IASG, CME, June 2009).
5. Performed the **first ‘totally laparoscopic left hemi-hepatectomy’ in our state of West Bengal, India** (March 2013) – Awarded as **best video in IASG 2013, Kolkata October 2013**
7. Indo-American Cancer Association (IACA) Traveling Fellowship Award 2013-14
8. Performed the **‘first Robotic Whipple resection’** in eastern India in March 2018

## Participation in conferences / scientific meetings (2016-18)

Conference	Place and year	Capacity
IASG National Conference	3 <sup>rd</sup> - 6 <sup>th</sup> Oct 2018 Chandigarh	<b>Faculty</b> video – Radical Cholecystectomy
IHPBA	4 <sup>th</sup> – 7 <sup>th</sup> September Geneva	<b>Delegate</b> Poster (1)
IHPBA National Conference Indian Chapter	12 <sup>th</sup> – 14 <sup>th</sup> January Pune	<b>Faculty</b> Lecture – Small duct CP
1 <sup>st</sup> Hepatobiliary workshop	26/08/2017 Mumbai CCI, Medtronic	<b>Faculty</b> Wet lab – Hands-on course Lecture – Pancreatic pathology
2 <sup>nd</sup> Hands on Cadaver Laparoscopic workshop	21-22/09/2016 M S Ramaiah Advanced Learning Center, Bangalore	<b>Faculty</b>
2 <sup>nd</sup> Annual Oncology CME	05/11/2016 Medica Hospital, Siliguri, WB	<b>Faculty</b> Lecture – Gallbladder Cancer
IHPBA	20-23/04/2016 Sao Paulo, Brazil	<b>Delegate</b> Poster (1) Taking poster (1)

15 <sup>th</sup> Annual conference of Jamshedpur Surgical Society	09/04/2016 Tata Main Hospital Jamshedpur, India	<b>'Dr. Harbans Lal Oration'</b> Safe Practices in Hepatic Resection
IHPBA National conference Indian Chapter 13 <sup>th</sup> Annual meeting	29-31/01/2016 Ahmedabad India	<b>Faculty</b> Lecture – Recent publications (Pancreas)

### Hosting foreign faculties at Tata Medical Center, Kolkata

Faculty	Duration of stay	Participation
<b>Prof. Takeshi Sano</b> Director, Gastroenterological Surgery National Cancer Institute, Tokyo	One January 2012	Trained us in D2 Gastrectomy Directive lectures on D2 Gastrectomy
<b>Prof. John Buckels</b> Retired Chief Transplant Surgeon Queen Elizabeth Hospital Birmingham	Three weeks November 2013	Supervised and assisted in OR Quality assessment CME on HPB Surgery
<b>Prof. M. Yamamoto</b> Chief, HPB Surgery Tokyo Womens Medical University	Four days November 2016	CME in HPB Oncology
<b>Prof. Gareth Morris-Stiff</b> HPB and Transplant Cleveland Clinic, Ohio	Four days November 2016	CME in HPB Oncology

### Contributions towards setting up of new unit / specialty / service

#### *Tata Medical Center, Kolkata, India*

I have contributed in the setting up for the division of GI and HPB surgery at Tata Medical Center. I joined this hospital in September 2010 during its construction phase along with my senior colleague Dr. Manas Kumar Roy. Over past 8 years we developed the department into its present shape. I was involved with the purchase of instruments, protocol formulation, training of surgical fellows and paramedical staffs. Almost single handedly I have set up the hospital digital library. Later in the course, Dr. Robin Thambudorai (Upper GI and Thoracic services) and Prof. V. Sitaram (HPB services) joined the department. MIS and Robotic surgery program has also been initiated in August 2017. We have plans to initiate liver transplantation program.



TMC is a 165 bedded comprehensive cancer hospital ([www.tmckolkata.com](http://www.tmckolkata.com)). There is a huge demand for such a hospital in this part of the country. It was inaugurated on 16<sup>th</sup> May 2011 and is fully operational. An extension has been planned which will be completed in 2018 upon which another 250 beds will be added. A dedicated research facility close to the hospital is also being envisaged.

On 10<sup>th</sup> March 2016, we performed our 100<sup>th</sup> Whipple operation. We audited, and later, presented our data of 'one hundred' such consecutive operations. This reinforced our belief that we can, and should, sub-specialize. The proposed HPB unit will have the following mission:

1. To minimize the mortality from pancreatic resection to < 2%
2. To increase minimally invasive (laparoscopic and robotic) HPB procedures
3. Plan to start liver transplantation

Between June 2011-May 2018, the GI unit has had 4,068 in-patient admissions while 48,963 patients have been seen in its out-patients clinic. In 2017, amongst the various surgical units, the Breast and GI Surgery are the only two units which have seen more than 10,000 patients in their respective OPD.

## Personal

I have a lovely twelve year old daughter, **Aaratrika**. I missed her a lot when I was in Vellore for my training. I enjoy spending time with her. My wife, **Sanchari**, is an **Assistant Professor of Psychiatry (MD)** at a government medical college. Both of them love music and singing. I also enjoy painting, gardening and traveling and photography. I like watching sports, especially football, although I don't get a lot of time to indulge myself.

## References

### 1. **Prof. V. Sitaram MS FRCS**

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### 2. **Prof. Benjamin Perakath MS FRCS**

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**3. Dr. Manas Kumar Roy MS FRCS Mch (Cardiff)**

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