

CURRICULUM VITAE

MANAS KUMAR ROY

MS FRCS(Glas) FRCS(Edin) MCh(Cardiff)

PERSONAL

NAME : Manas Kumar Roy

PRESENT APPOINTMENT : Senior Consultant
GI-HPB Surgery Unit
Tata Medical Center
14 MAR(EW), New Town Rajarhat
Kolkata 700160

QUALIFICATIONS

MCh	2005	University of Wales, Cardiff, UK
FRCS	1994	Royal College of Surgeons, Edinburgh, UK
FRCS	1994	Royal College of Surgeons, Glasgow, UK
MS	1991	Banaras Hindu University, Varanasi
MBBS	1987	Banaras Hindu University, Varanasi

DISTINCTIONS

- National Talent Search Scholarship (Govt. of India): 1981- 1991
- Distinction in Pharmacology: 1986
- Examiner, Intercollegiate MRCS. Royal College of Surgeons, Edinburgh
- International Surgical Adviser, Royal College of Surgeons, Edinburgh
- UICC Fellow

MEMBERSHIP IN SURGICAL ORGANISATION

Association of Surgeons of India (membership no. 13726)
Indian Association of Surgical Oncology (membership no. M 0065)
Association of Minimal Access Surgeons of India (membership no. 1404)
International Hepato-Pancreatico-Biliary Association (membership no. 13418)
Indian Association of Surgical Gastroenterology (membership no. R-89)

PROFESSIONAL EXPERIENCE

After obtaining surgical training from Institute of Medical Sciences, Banaras Hindu University (1989-91), I underwent subsequent higher training in the United Kingdom (1992-98), spending most of my time in East Glamorgan Hospital, University Hospital of Wales (Cardiff) and Hammersmith Hospital (London). Parallel to my clinical training, I pursued a research project addressing the role played by matrix metalloproteinases in the invasion of colorectal cancers (Colorectal carcinoma and gelatinase expression: an in vitro study using cell lines and resected tumour). This

was partially funded by Julian Hodge Foundation, UK. The project was subsequently accepted by the University of Wales, Cardiff towards the higher qualification of MCh.

Since 1998, I am working in Kolkata, India. I was initially pursuing private practice and was attached to several private hospitals. Between April 2004-10, I was attached to Rabindranath Tagore International Institute of Cardiac Sciences, the busiest cardiac hospital in Eastern India. I helped set up the Department of General Surgery, and its subsequent recognition for surgical training leading to Diplomate of National Board.

Tata Medical Centre, a tertiary care oncology hospital, was opened in Kolkata in 2010. Following an advertisement in national newspapers and then an interview, I was selected as the first surgeon to join this prestigious hospital. I was instrumental in setting up the GI-HPB Surgery unit. I also played a vital role in organising the operation-theatres, which included selecting a wide gamut of high-end surgical instruments. As the surgical unit developed, I wrote protocols, guidelines, operation-note templates etc. I raised donations to fund medical grade video recorders for operation theatres and to employ data entry operator. My present clinical interest encompasses gastrointestinal and hepatopancreaticobiliary cancers. I am a keen believer in minimally invasive operations (laparoscopic or robotic) and is my first choice while offering surgery for colorectal cancer.

To keep myself updated, I have availed funded Fellowships and visited:
Kurume University, Japan (May-July2002, Fellowship offered by the University)
National Cancer Centre, Singapore (May-Aug 2005, Fellowship by NCC)
HPB unit of QE Hospital, Birmingham (April 2010, UICC Fellowship)
HPB unit, Tokyo Women Medical University (Sep 2014, UICC Fellowship)

PUBLICATIONS AND PRESENTATIONS

BOOK CHAPTERS

Carey PD, **Roy MK**, Delicata RJ. Shock-pathophysiology and management. Monson JRT, Duthie GS, O'Malley K eds. **Surgical Emergencies**. Oxford: Blackwell Sciences (page 11-24)

Carey PD, **Roy MK**, Delicata RJ, Clark GWB. Response to Surgical Trauma. Monson JRT, Duthie GS, O'Malley K eds. **Surgical Emergencies**. Oxford: Blackwell Sciences (page 25-36)

PAPERS

Balakrishnan A, The OMEGA Study Investigators et al. Surgical outcomes of gallbladder cancer: the OMEGA retrospective, multicentre, international cohort study. *eClinicalMedicine* 2023;59: 101951

Dutta A, Mungle T, Chowdhury N, Banerjee P, Gehani A, Sen S, Mallath M, Roy P, Krishnan S, Ganguly S, Banerjee S, **Roy M**, Saha V. Characteristics and outcomes of gallbladder cancer patients at the Tata Medical Center, Kolkata 2017–2019. *Cancer Medicine*. 2023;00:1–10.

Mukherjee S, De MS, Goel G, Bhattacharyya A, Mallick I, Dabkara D, Bhaumik J, **Roy MK**, Majumdar PB, Chatterji S, Mukherjee S, Bhattacharya S, Chandy M. Multi-drug resistant (MDR) and extensively drug-resistant (XDR) bacteraemia rates among cancer patients in an oncology hospital in eastern India: an 11-year retrospective observational study. *Infect Prev Pract*. 2023 Feb 18;5(2):100275. doi: 10.1016/j.infpip.2023.100275. PMID: PMC10006829.

CROCODILE study group. Catastrophic expenditure and treatment attrition in patients seeking comprehensive colorectal cancer treatment in India: A prospective multicentre study. *The Lancet Regional Health - Southeast Asia* 2022;6: 100058. <https://doi.org/10.1016/j.lansea.2022.100058>

A M Parray, V A Chaudhari, M S Bhandare, K Madhabananda, D K Muduly, S Sudhindran, J Mathews, R Pradeep, S Rao Thammineedi, K Amal, D Chaudhary, R Jitender, D Pandey, P Amar, P Penumadu, R Kalayarasan, T P Elamurugan, C Kantharia, S Pujari, H Ramesh, S P Somashekhar, A Fernandes, R Sexena, R K Singh, R Lattoo, O J Shah, S Jeswanth, **M K Roy**, R Thambudurai, S V Shrikhande. Impact of Covid 19 on gastrointestinal cancer surgery: A National Survey. *Langenbeck's Archives of Surgery* <https://doi.org/10.1007/s00423-022-02675-6>

Biswas B, Biswas G, Ganguly S, Ghosh J, Roy S, **Roy MK**, Pipara A, Karmakar J, Mukherjee N, Chakraborty S, Mishra DK, Midha D, Dabkara D. Not so 'rare'—an example of malignant melanoma in India: report from a tertiary cancer centre. *ecancer* 2021, 15:1335. <https://doi.org/10.3332/ecancer.2021.1335>

Roy MK, Pipara A, Kumar A. Surgical management of adenocarcinoma of the transverse colon: What should be the extent of resection? *Annals of Gastroenterological Surgery*. 2020;00:1–8. <https://doi.org/10.1002/ags3.12380>

Nayak SS, Roy P, Arora N, Arun I, **Roy MK**, Banerjee S, Mallick I, Mallath MK. Prevalence estimation of microsatellite instability in colorectal cancers using tissue microarray based methods - A tertiary care center experience. *Indian J Pathol*

Microbiol. 2018 Oct-Dec;61(4):520-525. doi: 10.4103/IJPM.IJPM_430_17. PMID:30303141

Roy P, Datta J, **Roy M**, Mallick I, Mohandas M. Reporting of tumor budding in colorectal adenocarcinomas using ×40 objective: A practical approach for resource constrained set-ups. Indian J Cancer. 2017 Oct-Dec;54(4):640-645. doi: 10.4103/ijc.IJC_642_17.PMID: 30082550

Das K, Bhattacharyya A, Chandy M, **Roy MK**, Goel G, Hmar L, Bhattacharya S, Roy P, Chakrabarti A. Infection Control Challenges of Infrequent and Rare Fungal Pathogens: Lessons from Disseminated Fusarium and Kodamaea ohmeri Infections. Infect Control Hosp Epidemiol. 2015; 36: 866-868.

Sadhu S, Jahangir T, **Roy MK**. Left sided gall bladder in a patient with dextrocardia diagnosed incidentally during laparoscopic cholecystectomy. Indian J Surg (March–April 2012) 74(2):186–188

Sadhu S, Pandit P, **Roy MK**, Bajoria SK. Buccal mucosa ureteroplasty for the treatment of ureteric injury: a rare case. Indian J Surg (January–February 2011) 73(1):71–72

Sadhu S, Pattari S, Shaikh F, Verma R, **Roy MK**. Colonic metastasis from subcutaneous angiosarcoma: a diagnostic dilemma. Indian J Surg 72(Suppl 1)2010: 328–330

Sadhu S, Sarkar S, Verma R, Dubey SK, **Roy MK**. Hemosuccus pancreaticus due to true splenic artery aneurysm: a rare cause of massive upper GI bleeding. Journal of Surgical Case Report 2010; 5: 4

Roy MK, Sadhu S, Dubey SK. Advances in the management of gastric cancer. Indian Journal of Surgery 2009, 71(6):342-349

Sadhu S, Sarkar S, Jahangir T, Dubey S, **Roy MK**. Open port placement through the umbilical cicatrix. Indian Journal of Surgery Oct 2009; 71(5): 273-75

Sarkar S, Sadhu S, Jahangir T, Pandit K, Dubey S, **Roy MK**. Laparoscopic common bile duct exploration using rigid nephroscope. British Journal of Surgery 2009; 96:412-416

Sadhu S, Pattari SK, Sarkar S, Dubey SK, **Roy MK**. Perivascular epithelioid cell tumor (PEComa) of falciform ligament — an extremely rare tumor. Indian J Surgery Aug 2008; 70(4): 200-202

Dubey SK, Mahendru V, Sadhu S, Sarkar S, Verma AK, **Roy MK**. True knot in Ryles tube: a case report. Indian J Surgery June 2008; 70(3): 142-43

Roy MK, Shrotria S, Holcombe C, Webster DJT, Hughes LE, Mansel RE. Complications of latissimus dorsi myocutaneous flap for breast reconstruction. European Journal of Surgical Oncology 1998 Jun;24(3):162-5

Mahadevan A, Delicata RJ, **Roy MK**, Warren N, Rees BI, Carey PD. Laparoscopic cholecystectomy in multiple laparotomy Crohn's disease. Surgical Laparoscopy and Endoscopy 1998; 8(4): 261-263

Carey PD, **Roy MK**, Clark GWB. Response to surgical trauma: the integrated systems. Journal of the Irish Colleges of Physicians and Surgeons 1998; 27(1): 40-46

Roy MK, Delicata RJ, Carey PD. Crohn's disease presenting with acute colonic perforation. Postgraduate Medicine Journal 1997; 73: 645-646

Roy MK, Appleton MAC, Delicata RJ, Sharma AK, Williams GT, Carey PD. Probable association between hidradenitis suppurativa and Crohn's disease: the significance of epithelioid granuloma. British Journal of Surgery 1997;84: 375-6

Clark GWB, **Roy MK**, Corcoran BA, Carey PD. Carcinoma of the oesophagus: the time for a multidisciplinary approach? Surgical Oncology 1996;5: 149-164

Roy MK, Rhodes M, Ruttley M, Wheeler M. Sangstaken tube for rectal bleeding. British Journal of Surgery 1996; 83(8):1111

Bowrey DJ, **Roy MK**, Carey PD, Clark GWB. Is the lower esophageal sphincter pressure the same at night as during the daytime? the same on different days? Proceedings of O.E.S.O, Paris 1996

Clark GWB, Bowrey DJ, **Roy MK**, Carey PD. Is there any influence of diet on the development of Barrett's metaplasia. Proceedings of O.E.S.O, Paris 1996

MANUSCRIPT UNDER PREPARATION

Quality assurance of laparoscopic versus open low anterior resection for rectal cancer using histopathological metrics: a 10-years single unit experience

PRESENTATIONS

Roy MK, Bokade A, Moameren, Roy P, Mallick I, Kar A, Pipara A. ypT0 rectal adenocarcinoma: lessons learnt over the past decade. Annual Conference of West Bengal Chapter of Association of Surgeons of India. SASICON 14-16 July 2023. Awarded the **Asit Kumar Bandhyopadhyay Memorial Award**.

Roy MK. Laparoscopic sigmoid colectomy (video). **Indian Association of Surgical Gastroenterology, Kolkata** 14-16 Oct 2022

Dhave V, Kar A, Pipara A, Mallick I, **Roy MK**. ypT0 rectal adenocarcinoma: diagnostic conundrum and long-term outlook. **Indian Association of Surgical Oncology (NATCON), Madurai** 6-9 Oct 2022

Roy MK, Roy P, Kar A, Pipara A. Quality assessment of laparoscopic versus open low anterior resection for rectal cancer using histopathological parameters. **Royal College of Surgeons of Edinburgh, Triennial Overseas Conference, Chennai** 6-8 Oct 2022

Roy MK. Laparoscopic low anterior resection (video). Oncosurge 2022. IPGME&R Hospital. Kolkata 28 Sep 2022

Roy MK. Delivery of multidisciplinary treatment of rectal cancer in our country: quo vadis. **K N Udupa Oration Lecture, Association of Surgeons of India**. 17 Dec 2021
Roy MK.

Roy MK. Surgery for locally advanced gastric cancer: where to draw the line? Indian Association of Surgical Oncology. Virtual. 23 Oct 2021

Dhabe V, Sharma S, Roy B, Pipara A, **Roy MK**. Extralevator versus conventional abdominoperineal excision: comparison of tumour perforation and circumferential resection margin involvement. **Indian Association of Surgical Gastroenterology, Bhubaneswar**. 9 Oct 2021

Roy MK. Roux loop syndrome and its management. **Asia-Pacific chapter of Digestive Disease Week, Kolkata**, 15 Dec 2019

Roy MK. Extralevator abdominoperineal resection. CME on Controversies in Rectal Carcinoma. **Kasturba Medical College, Mangalore**, 16 Nov 2019

Roy MK. How far down is possible and how to reach? Optimal distal resection and intersphincteric resection. CME on Controversies in Rectal Carcinoma. **Kasturba Medical College, Mangalore**, 16 Nov 2019

Talukder S, Ragate AS, Jain D, Roy MK, Banerjee S. Biliary stenting before pancreaticoduodenectomy: an assessment of stent related complications. **Indian Association of Surgical Gastroenterology, New Delhi, 10-13 Oct 2019**

Ragate A, Lamichhane D, Roy P, Roy MK, Banerjee S. Radical lymphadenectomy for gallbladder adenocarcinoma: incidence of skip metastases to station 13a. **Indian Association of Surgical Gastroenterology, New Delhi, 10-13 Oct 2019**

Roy MK. Surgery of the transverse and left colon carcinoma. **West Bengal Chapter of ASI CME, Kolkata, Aug 2019**

Roy MK. Surgical management of transverse colon adenocarcinoma. **74th annual meeting of Japanese Society of Gastroenterological Surgery, Tokyo, 17-19 July 2019**

Lamichhane D, **Roy MK**, Banerjee S. Predictive factors and patterns of recurrence after curative resection for carcinoma gall bladder. **Indian chapter IHPBA, Jaipur, 15-18 February 2019**

Kannur S, Lamichhane D, **Roy MK**, Banerjee S. Portal annular pancreas: a case report. **Indian chapter IHPBA, Jaipur, 15-18 February 2019**

Lamichhane D, Roy B, Pipara A, Thambudorai R, **Roy MK**, Banerjee S. Pattern of recurrence after curative resection for periampullary malignancy. **Indian Association of Surgical Gastroenterology, Chandigarh, 6-8 Oct 2018**

Pipara A, Lamichhane D, Ragate AS, Roy P, Mallick I, Banerjee S, **Roy MK**. Quality assurance of laparoscopic and open resection for rectal cancer using histopathological parameters. **Indian Association of Surgical Gastroenterology, Chandigarh, 6-8 Oct 2018**

Lamichhane D, Gaurav R, Roy P, Thambudorai R, **Roy MK**, Banerjee S. Does lymph node positivity ratio correlate with survival following curative resection for gallbladder carcinoma: a prospective study. **Indian Association of Surgical Gastroenterology, Pondicherry 5-8 Oct 2017**

Lamichhane D, Banerjee S, **Roy MK**, Thambudorai R, De A, Sitaram V. Fibrolamellar hepatocellular carcinoma with biliary tumor thrombus. **Indian Association of Surgical Gastroenterology, Pondicherry 5-8 Oct 2017**

De A, Banerjee S, Thambudorai R, **Roy MK**, Sinha S, Roy P, Sitaram V. Blood loss using water jet dissector for extended cholecystectomy in carcinoma gall bladder: initial

results from a tertiary care cancer hospital in eastern India. **Indian Association of Surgical Gastroenterology, Pondicherry 5-8 Oct 2017**

De A, Banerjee S, Thambudorai R, Sinha S, Goel G, **Roy MK**. Comparison of intraoperative bile culture sensitivity with post operative peritoneal fluid and blood culture- sensitivity in stented patients undergoing pancreaticoduodenectomy. **Indian Association of Surgical Gastroenterology, Pondicherry 5-8 Oct 2017**

Pipara A, Bhutia TD, Thambi PV, **Roy MK**, Thambudorai R, Sinha S, Sitaram V, Banerjee S. Ileostomy closure not always a simple procedure. **Indian Association of Surgical Gastroenterology, Pondicherry 5-8 Oct 2017**

Pipara A, Thambudorai R, Banerjee S, **Roy MK**, Sitaram V. CROSS protocol: TMC experience. **Indian Association of Surgical Gastroenterology, Pondicherry 5-8 Oct 2017**

Roy MK. Role of PET-CT and laparoscopy in gastric cancer. Evidence Based Medicine. **Tata Memorial Hospital, Mumbai 25 February 2017**

Roy MK. State of the art surgery in rectal cancer. Fight cancer congress organised by **AROI West Bengal Chapter, Kolkata 8 January 2017**

De A, Banerjee S, Thambudorai R, Sitaram V, **Roy MK**. Childhood fibrolamellar hepatocellular carcinoma with bile duct tumour: a rare association. **West Bengal chapter of Association of Surgeons on India 24-26 Feb 2017**

Roy P, Dutta J, Arun I, **Roy MK**, Mallick I, Mallath M. Scoring of Tumour budding in colorectal cancer – Proposal for a single hotspot 40x high power field method. **APCON, 2nd December 2016, Jaipur (Best paper session)**.

De A, Bhutia T, Thambudorai R, Banerjee S, **Roy MK**. Feasibility of D2 gastrectomy in Eastern India: early results. **Indian Association of Surgical Oncology, Jodhpur 23-25 Sep 2016**

Goel G, Chandy M, **Roy MK**, Gupta S, Mullick S, Sengupta K, Bhattacharya S. Emergence of Colistin Resistant Klebsiella pneumoniae in an Oncology Center in Eastern India. **Health Care Infection Society-Federation of Infection Society, Edinburgh 6-8 Nov 2016**

Honap S, Arun I, Thambudorai R, **Roy MK**, Banerjee S, Mallick I, Roy P. Evaluation of Clinico-pathological parameters and applicability of the Ryan Histopathological Regression scoring system in surgically resected squamous and adenocarcinoma of

the esophagus, post Neoadjuvant Chemoradiotherapy. **IAPM, West Bengal Chapter, Annual Conference, 2015**, Kolkata

Gaurav R, Banerjee S, Bhattacharya S, Chatterjee S, Mallath M, **Roy MK**. Does Cefuroxime- Amikacin-Metronidazole provide adequate and appropriate coverage for pancreaticoduodenectomy in developing countries: a prospective study. Poster session presented at: 5th Biennial Congress of the **Asian-Pacific Hepato-Pancreato-Biliary Association, Singapore** 18-21 March 2015
Abstract in HPB 2015, 17 (Suppl. S2), 91

Gaurav R, Banerjee S, **Roy, MK**, Roy P. Audit of radical cholecystectomy with extended lymphadenectomy in gall bladder cancer: our experience. **Indian Chapter of International Hepato-Pancreatico-Biliary Association, Mumbai** 9-12 Jan 2014

Banerjee S, Das J, Gaurav R, Roy P, Sinha S, **Roy MK**, Ray S. Comparison and correlation of 18F FDG PET-CT, operative and histopathological findings in Gall bladder cancer – an initial experience of twenty one patients. **Indian Chapter of International Hepato-Pancreatico-Biliary Association, Mumbai** 9-12 Jan 2014

Gaurav R, Banerjee S, **Roy, MK**, Bhattacharya, S. Changing paradigms in bile culture microflora and emergence of multidrug resistant organisms with their clinical implications. **Indian Association of Surgical Gastroenterology, Kolkata** 4-6 Oct 2013 (Abstract published in Tropical Gastroenterology 2013; 34 (3) Suppl 1)

Roy MK. Management of lymph node basin in gastric cancer. **Association of Surgeons of India Conference (ASICON), Ahmedabad** 24-29 Dec 2013

Roy MK. Diagnosis and staging of gastric cancer. **Association of Surgeons of India Conference (ASICON), Ahmedabad** 24-29 Dec 2013

Roy MK. Laparoscopic ELAPE (video). North Zonal CME of **Indian Association of Surgical Oncology, Varanasi** 6-7 April 2013

Banerjee S, **Roy MK**. Laparoscopic left hepatic lobectomy (video). North Zonal CME of **Indian Association of Surgical Oncology, Varanasi** 6-7 April 2013

Roy MK. D2 gastrectomy (video). National Conference of **Association of Surgeons of India, Kolkata** 25-30 Dec 2012

Roy MK. Surgical management of gastric cancer. East Zonal CME of **Indian Association of Surgical Oncology, Kolkata** 24-25 Nov 2012

Roy MK. Laparoscopic low anterior resection (video). National conference of **Indian Association of Surgical Oncology, Goa** 4-7 Oct 2012

Gupta A, Goel G, Banerjee S, Bhattacharya S, **Roy MK**. Snapshot of MDRO infection in a new surgical oncology unit (poster). National conference of **Indian Association of Surgical Oncology, Goa** 4-7 Oct 2012

Roy MK. D2 gastrectomy (debate). National conference of **Indian Association of Surgical Oncology, Lucknow** 16-18 Sep 2011

Roy MK, Roychowdhury S, Biswas S, Siddiqi M. Epidemiological disparities in breast cancer incidence in women from different socio-economic backgrounds in India. **World Cancer Congress (UICC 08). Geneva.** Aug 2008

Biswas S, **Roy MK**, Sarkar D, Lahiri S, Hoge P, Siddiqi M. Interim results from a study on promotion of breast health education among young women students in Kolkata. **World Cancer Congress (UICC 08). Geneva.** Aug 2008

Roy MK, Grimshaw D, Delicata RJ, Baker A, Carey PD. Gelatinases in colorectal cancer: a quantitative study. **Surgical Research Society. Dublin,** July 1998

Roy MK, Grimshaw D, Jones DL, Baker A, Williams GT, Carey PD. MMP 2 and its activator MT-MMP in colorectal carcinoma. **Surgical Research Society. St Thomas's Hospital, London,** Jan 1998

Roy MK, Grimshaw D, Jones DL, Baker A, Williams GT, Carey PD. Colonic cancer cell mediated upregulation of fibroblast derived MMP 9 is dependent upon cancer cell membrane component.

- **Surgical Research Society. St Thomas's Hospital, London,** Jan 1998
- Second Nottingham **International Colorectal Cancer Symposium, Nottingham,** 23-24 Oct 1997

Cochrane RA, Davies EL, **Roy MK**, Carey PD, Mansel RE. Matrix metalloproteinases and angiogenesis in breast cancer cell line co-cultured with fibroblasts. **Surgical Research Society. St Thomas's Hospital, London,** Jan 1998

Roy MK, Sweetland HM, Webster DJT, Hughes LE, Mansel RE. Immediate breast reconstruction: TRAM or implant; analysis of complications and reoperations. Fifth **International Breast Conference. Nottingham,** 17-19, September 1997

Roy MK, Grimshaw D, Jones DL, Baker A, Williams GT, Carey PD. Differential upregulation of fibroblast derived MMP2 and MMP9 by colonic cancer cell line. 22nd **Sir Peter Freyer Memorial Lecture and Surgical Symposium, Gallway,** 5-6 Sep 1997. *Abstract in Irish Journal of Medical Science* 1997;166(8):16

Roy MK, Sweetland HM, Webster DJT, Hughes LE, Mansel RE. Immediate TRAM flap breast reconstruction: analysis of complications in 70 consecutive operations. **British Association of Surgical Oncology. Aberdeen**, 16-18 July 1997

Roy MK, Grimshaw D, Jones DL, Baker A, Williams GT, Carey PD. Co-culture of human fibroblast and colonic cancer cell line upregulates expression of fibroblast derived MMP 2 and MMP 9. **Surgical Research Society. Tripartite Meeting. Nottingham**, 9-11 July 1997 *Abstract in British Journal of Surgery 1997; 84(11): 1594*

Delicata RJ, **Roy MK**, Hallett MB, Mansel RE, Carey PD. The neutrophil - CD 16 receptor in postoperative septic patients is defective. **Surgical Research Society. Tripartite Meeting. Nottingham**, 9-11 July 1997
Abstract in British Journal of Surgery 1997; 84(11): 1604

Roy MK, Bowrey D, Clark GWB, Ismail S, Williams GT, Shaw RP, Carey PD. Resection for symptomatic gastro-intestinal endometriosis: 15 years experience. Meeting of the **European Council of Coloproctology. Edinburgh**, 17-19 June 1997
Abstract in International Journal of Colorectal Disease 1997; 12(3):170

Roy MK, Young HL, Bharagwanath P, Harding K. Single unit experience with management of wounds following surgical excision of hidradenitis suppurativa. **Wound Healing Society, Seventh Annual Meeting, Nashville, Tennessee**, 12-14 June 1997

Clark GWB, Bowrey D, Rees B, **Roy MK**, Williams GT, Carey PD. Outcome of gastroesophageal cancer in young patients. **Association of Surgeons of Great Britain and Ireland, Bournemouth**, April 1997.
Abstract in British Journal of Surgery 1997; 84 Suppl (1): 61

Roy MK, Delicata RJ, Clark GWB, Puntis MCA, Rees JI, Carey PD. The role of HIDA scanning with cholecystokinin augmentation in patients with undiagnosed right upper quadrant pain.

- **Eurosurgery, Rome**, 13-18 Oct 1996
Abstract in British Journal of Surgery 1996; 82 (Suppl 2): 14
- Eighth overseas meeting of the **Royal College of Surgeons of Edinburgh and College of Surgeons of Hong Kong, Hong Kong**, 24-27, Oct 1996

Delicata RJ, **Roy MK**, Carey PD. Sepsis is associated with an inability to upregulate neutrophil CD16 post-operatively. **Eurosurgery, Rome**, 13-18 Oct 1996. *Abstract in British Journal of Surgery 1996; 82 (Suppl 2)*

Kini US, Delicata RJ, **Roy MK**, Warren N, Rees BI, Carey PD. Is laparoscopic cholecystectomy in acute cholecystitis a safe and feasible procedure. **Eurosurgery, Rome**, 13-18 Oct 1996

Abstract in British Journal of Surgery 1996; 82 (Suppl 2): 95

Prior M, **Roy MK**, Shukla HS, Asthana AK, Kumar M. Options for surgical repair for stage 2 and stage 3 squamous cell carcinoma of the oral cavity. **European Society of Surgical Oncology. Dublin Sep 96**

Abstract in European Journal of Surgical Oncology 1996;22(4):412

Delicata RJ, **Roy MK**, Wakefield CH, Guillou PJ, Carey PD. Neutrophil derived oxygen radical production is enhanced in colorectal cancer. **European Society of Surgical Oncology. Dublin Sep 96**

Abstract in European Journal of Surgical Oncology 1996;22(4): 435

Roy MK, Webster DJ, Hughes LE, Mansel RE. Twelve years experience with rectus abdominis myocutaneous flap for breast reconstruction. **Welsh Surgical Society, Abergavenny, May 1996**

Delicata RJ, **Roy MK**, Guillou PJ, Carey PD. Therapy for fungaemia improves the production of HOCl by neutrophils in MOF. **Surgical Infection Society(Europe) Paris, May 1996** *Abstract in British Journal of Surgery 1996;83(6):852*

Delicata RJ, **Roy MK**, Guillou PJ, Carey PD. Neutrophil derived hypochlorous acid production in multiple organ failure related fungaemia. **Surgical Research Society. Oxford, Jan 1996**

Delicata RJ, **Roy M**, Warren N, Wong CK, Rees BI, Carey PD. Laparoscopic cholecystectomy: the correct approach in the grossly obese? 75th Anniversary Meeting of the **Association of Surgeons of Britain and Northern Ireland, Westminster, London, 1995**

PANEL DISCUSSION

Controversies in neoadjuvant treatment in locally advanced rectal cancer

- Association of Surgeons of India Conference, Ahmedabad 23-29th Dec 2013
- Indian Cancer Congress, Delhi 21-24th Nov 2013

Management of hilar cholangiocarcinoma. National Conference of **Association of Surgeons of India, Kolkata** 25-30 Dec 2012

D2 gastrectomy. National conference of Indian Association of Surgical Oncology, Goa 4-7 Oct 2012

LETTERS TO EDITORS

Sadhu S, **Roy MK**. Extended pancreatectomy for pancreatic cancers. Indian Journal of Surgery 2010; 72: 168-169

Jahangir T, **Roy MK**. Evaluation of negative appendicectomy rate in cases of suspected acute appendicitis and to study the usefulness of ultrasonography in improving the diagnostic accuracy. Indian Journal of Surgery 2009; 71(2): 109-110

Jahangir T, **Roy MK**. Comparative assessment of TNF ∞ and C-reactive protein in patients subjected to open instead of laparoscopic cholecystectomy. Indian Journal of Surgery 2008; 69(3):99–104

Roy MK, Carey PD. Matrix metalloproteinases: a review. British Journal of Surgery 1997;84:1171

Roy MK, Delicata RJ, Carey PD. Distal mucus fistula following resection for perforated sigmoid diverticular disease. Journal of Royal College of Surgeons of Edinburgh 1997; 42: 286

Delicata RJ, **Roy MK**, Carey PD. New concepts in the pathophysiology of oxygen metabolism during sepsis. Br J Surgery 1996;83(1):137-38

Delicata RJ, **Roy MK**, Clark GWB, Shaw RW, Carey PD. Ten years experience with endometriosis. Br J Surgery 1996; 83(5): 711

PERSONAL PROFESSIONAL DEVELOPMENT

Hypothesis testing in Public Health. John Hopkins University. Four weeks online course. 21 July 2020

CERTaIN: Knowledge Synthesis: Systemic review and clinical decision making. M D Anderson Cancer Center. Online course with 11 modules. 12 June 2020

Summary Statistics in Public Health. John Hopkins University. Four weeks online course. 2 June 2020

Mechanical ventilation for COVID-19. Harvard Medical School. Online course with nine modules meant for non-critical care Physicians. 1 May 2020

Understanding Cancer Metastasis. John Hopkins University. Three weeks online course. 23 April 2020

Equality & Diversity in the MRCS (ICBSE). Intercollegiate Committee for Basic Surgical Education, UK. 27 August 2016

Principles and practice of clinical research. Clinical Development Service Agency (Dept. of Biotechnology, Govt of India) in collaboration with National Institute of Health (USA). New Delhi, 29 Oct-3 Nov 2012

RESEARCH INTEREST: I am involved in a project with Tata Translational Cancer Research Centre studying the etiopathogenesis of gallbladder cancer with special reference to the role of arsenic. The study also entails development of gallbladder-cancer organoids. Currently I am involved in two clinical projects: (a) analysis of the recurrence pattern and survival of rectal cancer patients who had complete pathological response following neoadjuvant treatment and (b) sensitivity and specificity of CEA in detecting recurrence following surgery for rectal cancer.

TEACHING: I am respected amongst my peer for my penchant in teaching. During my previous employment in Rabindranath Tagore International Institute of Cardiac Sciences, I played an important role in getting the surgical unit recognised by National Board. Subsequently I tutored two trainees through their DNB (General Surgery). Upon joining Tata Medical Centre I started the journal club and other academic activities. After an initial hesitant start, these discussions now take place regularly every week. I also take keen interest in mentoring surgical trainees through various open and laparoscopic operations.

To make knowledge acquisition more interactive and interesting, I am currently creating question bank on the online **Moodle** platform. This allows the trainees take open-book examination at regular intervals.

On behalf of Calcutta Chirurgiae Collective (<https://cccsurgeryclinics.com/>) I regularly undertake online teaching for DNB students on topics mostly related to gastrointestinal and hepatobiliary malignancies. I also teach in various meetings organised by the West Bengal chapter of Association of Surgeons of India.

OTHER ACADEMIC ACTIVITIES: I have developed, and now maintaining, an online database using **RedCap**. This helps us to prospectively capture various data about a patient undergoing an operation.

Being the International Surgical Adviser of the Royal College of Surgeons Edinburgh I conduct and participate in MRCS OSCE part-B examination and preparatory courses. With the help of other examiners in this city I organised the MRCS OSCE course on 23-24 April 2023. Currently I am involved in the initial planning of the MRCS OSCE examination to be held in Kolkata (15-17 September 2023).

I am a part of the team of tutors of the annual Biostatistics and Clinical Research Methodology Workshop organised by Tata Medical Centre.