

CURRICULUM VITAE

MANAS KUMAR ROY
MS FRCS(Glas) FRCS(Edin) MCh(Cardiff)

PERSONAL

NAME : Manas Kumar Roy

GENDER : Male

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QUALIFICATIONS

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| 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
- UICC Fellow

PRESENT APPOINTMENT

Senior Consultant, GI Surgery
Tata Medical Center
14 MAR(EW), New Town Rajarhat
Kolkata 700156

MEMBERSHIP IN NATIONAL 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)

PROFESSIONAL EXPERIENCE

I underwent 3 years compulsory residency programme for surgical training from Institute of Medical Sciences, **Banaras Hindu University** (1989-91). During my subsequent higher training in the United Kingdom (1992-98), I worked mainly in **East Glamorgan General 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 a number of 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 was instrumental in setting up the Department of General Surgery, and its subsequent recognition for surgical training leading to **Diplomate of National Board**. Since May 2010, I am working full time in **Tata Medical Center**, a first of its kind tertiary care cancer hospital in Kolkata. My current job profile is focussed on malignancies of gastrointestinal and hepatopancreaticobiliary origin.

In order to keep myself updated, I have availed Fellowships and visited **Kurume University, Japan** (May-July 2002), **National Cancer Centre, Singapore** (May-Aug 2005) and the HPB unit of **QE Hospital, Birmingham** (April 2010, UICC Fellowship).

Being a clinical person, I always felt the need to spread the various facets of 'cancer' to the lay public. I am an active member of the Management Committee of **Cancer Foundation of India**, a local NGO. This organization is involved in community based screening, research, public awareness and capacity building programmes (www.cancerfoundationofindia.org).

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

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

PRESENTATIONS

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 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

ACADEMIC COURSES

Symposium on HPB diseases, Tata Medical Center 16 Nov 2013. Expert: Prof John Buckels, Birmingham (Organiser)

D2 gastrectomy workshop, Tata Medical Center 9 Sep 2013. Expert: Dr Hiroshi Katai, National Cancer Center, Tokyo (Organised in collaboration with Ethicon)

MRCS Part B OSCE Preparatory course (Royal College of Surgeons, Edinburgh): Trivandrum 31 Aug-1 Sep 2013 (Tutor)

Rectal cancer CME, Tata Medical Center 15 May 2013. Experts: Dr Lance Cope (Radiologist) and Dr Philip Atherton (Radiation Oncologist), Newcastle upon Tyne, UK (Organiser)

MRCS Part B OSCE Examiner Training course, Delhi 9 Dec 2012 (Attendee)

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 (Attendee)

Live workshop on D2 gastrectomy. Tata Medical Center 3-5 Jan 2012. Expert: Dr Takeshi Sano, Cancer Institute, Tokyo (Organiser)

MRCS Examiners' Training Course. Kolkata 9 Sep 2009 (Attendee)