

Sharmila Roy Chowdhury, M.D.  
Surgical Oncology

**EDUCATION:**

<b>Degree</b>	<b>Institution</b>	<b>Year</b>
MBBS (Medical School)	Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER) University of Madras, India.	8/1985 - 1/1991.

**POSTGRADUATE TRAINING**

<b>Position</b>	<b>Institution</b>	<b>Year</b>
Resident	General Surgery Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), Pondicherry, India.	8/1991 – 7/1992.
Resident	Otolaryngology and Head & Neck Surgery Seth G. S. Medical College & Affiliated Hospitals. Bombay, India.	8/1992 – 7/1995.
Internship	Internal Medicine. Staten Island University Hospital Staten Island, NY.	7/1996 – 6/1997.
Internship	General Surgery Providence Hospital and Medical Centers Southfield, MI.	7/1997 – 6/1998.
Resident	General Surgery Staten Island University Hospital Staten Island, NY.	7/1998 – 6/2000.
Resident	General Surgery University of Medicine and Dentistry of New Jersey Newark, NJ.	7/2000 – 6/2003
Fellow	Surgical Oncology University of Pittsburgh Medical Centers Pittsburgh, PA.	7/2004 – 6/2006

**CURRENT POSITION**

Surgical Oncologist, Southwest Cancer Surgery, Plano, TX

## **PAST ACADEMIC APPOINTMENTS:**

Assistant Professor, Division of Surgical Oncology, Loma Linda University Medical Center, Loma Linda, CA, 11/2006 to 4/2010.

Assistant Professor, Surgical Oncology/ Department of General Surgery, Indiana University School of Medicine, Indianapolis, IN, 9/2010 to 6/2017.

## **SPECIALITY BOARD STATUS:**

- Board Certified- American Board of Surgery

## **LICENSURE AND CERTIFICATION:**

- Texas license.
- Society of Surgical Oncology accredited fellowship certification
- American Board of Surgery certification

## **PROFESSIONAL MEMBERSHIPS**

- Society of Surgical Oncology
- American Society of Peritoneal Surface Malignancies

## **AWARDS**

- Research: ASCO Merit Award -2005
- Teaching:  
Trustees' Teaching Award, IU School of Medicine, 2015  
Teaching Award, Department of Surgery 2014

## **COMMITTEE & LEADERSHIP EXPERIENCE**

- American College of Surgeons Cancer Committee Liaison Physician for Loma Linda University Cancer Center, 2007-2010
- Chair of GI Tumor Board, Loma Linda University Cancer Center- 2009-2010
- Member of Surgery Residency Review Committee at Loma Linda University Medical Center, 2008-2010
- Co-leader on Curriculum Reform team, Dec 2010- May 2011, at Indiana University School of Medicine.
- Faculty for Indiana University Health, China Clinical Training program, 9/2012-11/2012.

- Director of 4<sup>th</sup> year Medical Student Sub-internship for Advanced GI and Cancer surgery- 2013 to 2015.
- Clerkship Team Leader for 3<sup>rd</sup> year Medical Students for General Surgery rotation at Indiana University Hospital 2013-2015.
- Quality and Outcomes Coordinator for the Indiana University Cancer Committee in 2015.
- American College of Surgeons Cancer Committee Liaison Physician for Medical City Plano, 2018-current

## **PROGRAM DEVELOPMENT:**

Established Peritoneal Surface Malignancy and Hyperthermic Intraperitoneal Chemotherapy (HIPEC) program at Medical City Plano, Texas, Jan 2018.

Established Peritoneal Surface Malignancy and Hyperthermic Intraperitoneal Chemotherapy (HIPEC) program at Indiana University Health Hospital in Oct 2010.

Established Peritoneal Surface Malignancy and Hyperthermic Intraperitoneal Chemotherapy (HIPEC) program at Loma Linda University Medical Center in June 2007.

GI Surgical Oncology program at Loma Linda University Medical Center from 11/2006-5/2010

## **PUBLICATIONS**

1: Roos M, Wong JH, **Roy-Chowdhury S**, Lum SS, Morgan JW, Kazanjian AK. The impact of multidisciplinary therapy in node-positive rectal cancer. *Am Surg.* 2010 Oct; 76(10):1163-6. PubMed PMID: 21105635.

2: Wright GP, Wong JH, Morgan JW, **Roy-Chowdhury S**, Kazanjian K, Lum SS. Time from diagnosis to surgical treatment of breast cancer: factors influencing delays in initiating treatment. *Am Surg.* 2010 Oct;76(10):1119-22. PubMed PMID: 21105624.

3: Kuo I, Wong JH, **Roy-Chowdhury S**, Lum SS, Morgan JW, Kazanjian K. The use of pelvic radiation in stage II rectal cancer: a population-based analysis. *Am Surg.* 2010 Oct; 76(10):1092-5. PubMed PMID: 21105617.

4: Olaya W, Bae W, Wong J, Wong J, **Roy-Chowdhury S**, Kazanjian K, Lum S. Accuracy and upgrade rates of percutaneous breast biopsy: the surgeon's role. *Am Surg.* 2010 Oct;76(10):1084-7. PubMed PMID: 21105615.

5: Olaya W, Wong J, Morgan JW, Truong C, **Roy-Chowdhury S**, Kazanjian K, Lum S. Factors associated with variance in compliance with a sentinel lymph node dissection quality measure in early-stage breast cancer. *Ann Surg Oncol.* 2010 Oct;17 Suppl 3:297-302. Epub 2010 Sep 19. PubMed PMID: 20853050.

6: Olaya W, Bae W, Wong J, Wong J, **Roy-Chowdhury S**, Kazanjian K, Lum S. Are percutaneous biopsy rates a reasonable quality measure in breast cancer management? *Ann Surg Oncol.* 2010 Oct;17 Suppl 3:268-72. Epub 2010 Sep 19. PubMed

PMID: 20853045.

7: Ng M, **Roy-Chowdhury S**, Lum SS, Morgan JW, Wong JH. The impact of the ratio of positive to total lymph nodes examined and outcome in colorectal cancer. *Am Surg*. 2009 Oct;75(10):873-6. PubMed PMID: 19886125.

8: Olaya W, Wong JH, Morgan JW, **Roy-Chowdhury S**, Lum SS. Disparities in the surgical management of women with stage I breast cancer. *Am Surg*. 2009 Oct;75(10):869-72. PubMed PMID: 19886124.

9: Olaya W, Esquivel P, Wong JH, Morgan JW, Freeberg A, **Roy-Chowdhury S**, Lum SS. Disparities in BRCA testing: when insurance coverage is not a barrier. *Am J Surg*. 2009 Oct;198(4):562-5. PubMed PMID: 19800469.

10: Tan JT, Bagnell M, Morgan JW, Wong JH, **Roy-Chowdhury S**, Lum SS. The identification and treatment of isolated tumor cells reflect disparities in the delivery of breast cancer care. *Am J Surg*. 2009 Oct;198(4):508-10. PubMed PMID: 19800457.

11: Namm J, Ng M, **Roy-Chowdhury S**, Morgan JW, Lum SS, Wong JH. Quantitating the impact of stage migration on staging accuracy in colorectal cancer. *J Am Coll Surg*. 2008 Dec;207(6):882-7. Epub 2008 Oct 2. PubMed PMID: 19183535.

12: Truong C, Wong JH, Lum SS, Morgan JW, **Roy-Chowdhury S**. The impact of hospital volume on the number of nodes retrieved and outcome in colorectal cancer. *Am Surg*. 2008 Oct;74(10):944-7. PubMed PMID: 18942619.

## PRESENTATIONS AND RESEARCH

1. Safety and efficacy of an Enhanced Recovery After Surgery (ERAS) pathway in patients with peritoneal surface malignancies. Beane J, **Roy-Chowdhury S**. Presented at Regional Therapies Conference, Snowbird, UT, Feb 17-20, 2017.
2. Delayed Gastric emptying following Cytoreductive Surgery and Hyperthermic Intraperitoneal Therapy. Chabtini L, **Roy-Chowdhury S**. Presented at Regional Therapies Conference, Phoenix, AZ, Feb 13-15, 2016.
3. Role of Imaging in Predicting Outcome of Optimal Surgical Cytoreduction in Ovarian Cancer. Sandrasegaran K, Barad UH, **Roy-Chowdhury S**. Poster at Radiological Society of North America, RSNA 2013.
4. Early tumor recurrence following superior mesenteric-portal venous resection in pancreatic adenocarcinoma is associated with transmural venous tumor involvement and a positive resection margin. Tran D, **Roy-Chowdhury S**, Howard TJ et al. IHPBA, Paris, France 7/2012.

5. Tata Medical Centre, Kolkata, India, Grand Rounds, Jan 16, 2012, Invited speaker- Management of Peritoneal Carcinomatosis using Hyperthermic Intraperitoneal Chemotherapy.
6. Union Hospital, Terre Haute, IN, Grand Rounds, Aug 22, 2011, Invited speaker- Management of Peritoneal Carcinomatosis using Hyperthermic Intraperitoneal Chemotherapy.
7. Deaconess Hospital, Evansville, IN, Grand Rounds, Aug 16, 2011, Invited speaker- Management of Peritoneal Carcinomatosis using Hyperthermic Intraperitoneal Chemotherapy.
8. American College of Surgeons- Indiana chapter, April 2011 - Invited speaker - Management of Peritoneal Carcinomatosis using Hyperthermic Intraperitoneal Chemotherapy.
9. Ball Memorial Hospital, Muncie, Indiana, Tumor Board, Jan 25, 2011, Invited speaker - Management of Peritoneal Carcinomatosis using Hyperthermic Intraperitoneal Chemotherapy.
10. Reid Hospital, Richmond, Indiana, Tumor Board, Jan 5, 2011, Invited speaker- Management of Peritoneal Carcinomatosis using Hyperthermic Intraperitoneal Chemotherapy.
11. Decatur Hospital, Greensburg, Indiana, Tumor Board, Dec 15, 2010, Invited speaker- Management of Peritoneal Carcinomatosis using Hyperthermic Intraperitoneal Chemotherapy.
12. Terre Haute Regional Hospital, Indiana, Tumor Board, Dec 9, 2010, Invited speaker - Management of Peritoneal Carcinomatosis using Hyperthermic Intraperitoneal Chemotherapy.
13. Indiana University School of Medicine Colon and Rectal Residency Program Journal Club- Dec 2, 2010- Invited speaker on Management of Colorectal Peritoneal Carcinomatosis.
14. Truong C, **Roy-Chowdhury S** et al. The impact of young age on outcome in colon cancer. Presented at the Southern California ACS, Santa Barbara, Jan 2009.
15. Ng M, **Roy-Chowdhury S**, Morgan JW, Lum S, Wong JH. The number of examined lymph nodes and outcome in node positive colorectal cancer. Presented at the Southern California ACS, Santa Barbara, Jan 2009.
16. Invited speaker at the 11<sup>th</sup> Annual West Hawaii Cancer Symposium, Sep 2008: Surgical Considerations in Metastatic Colorectal cancer
17. Truong C, **Roy-Chowdhury S** et al. Does Hospital Volume Affect Number of Nodes Retrieved and Outcome in Colorectal Cancer? Presented at the Southern California ACS, Santa Barbara, Jan 2008.
18. Namm J, Ng M, **Roy-Chowdhury S**, Morgan JW, Lum S, Wong JH. Better Surgery or Better Staging: Quantitating the Impact of Stage Migration on Staging Accuracy in Colorectal Cancer. Paper presented at Pacific Coast Surgical Association, San Diego, February 2008.
19. **Roy-Chowdhury S**, Bartlett D, Brown CK et al. Induction of Serum Vascular Endothelial Growth Factor (VEGF) levels following trans-arterial chemoembolization (TACE) in patients with hepatic malignancies of gastrointestinal origin. Poster presentation at SSO, San Diego, 2006.

20. **Roy-Chowdhury S**, Bartlett D, Brown CK et al. Evaluation of serum vascular endothelial growth factor (VEGF) levels following trans-arterial chemoembolization (TACE) of hepatic malignancies of gastrointestinal (GI) origin. Poster presentation at ASCO, Orlando, FL 2005.
21. **Roy-Chowdhury S**, McCain D. Radiofrequency Ablation: A novel approach for palliation of Anaplastic Thyroid Carcinoma – Poster presentation at the annual Resident’s research day 2002, UMDNJ, Newark, NJ.
22. **Roy-Chowdhury S**, Sheode J. Reconstructive Surgeries in Head and Neck Malignancies. Thesis for the degree of Master of Surgery, University of Bombay, India, 1995. Department of Otolaryngology and Head & Neck Surgery, Seth G. S. Medical College and KEM Hospital, Bombay, India.
23. **Roy-Chowdhury S**, Ogale SB. Comparative Study of Drug Therapy of Allergic Rhinitis. Paper presented at the Annual Conference, Association of Otolaryngologists of India, Bombay, 1992.
24. **Roy-Chowdhury S**. Effect of Acupuncture on Gastric Acid Secretion in Albino Rats. Indian Council of Medical Research (ICMR) Summer Project in Gastric Physiology, Department of Physiology, JIPMER, India, 1986.

## **BOOK CHAPTERS**

- **Roy-Chowdhury S**, Brown CK. Cytokines and Tumor Angiogenesis. In Cytokines in the Genesis and Treatment of Cancer, 1<sup>st</sup> Edition, April 2007, Editors: M.A. Calguiri and M.T. Lotze.

## **CLINICAL EXPERTISE**

Hepatobiliary and pancreatic cancers, gallbladder cancer, gastrointestinal cancers- including esophageal, stomach, small intestine and colorectal.

Rare cancers: Appendix cancers, Pseudomyxoma peritonei, Peritoneal mesothelioma, Retroperitoneal/abdominal sarcomas, carcinoid/neuroendocrine tumors, GIST (gastrointestinal stromal tumors)

Surgical management of Stage IV GI cancers/ peritoneal carcinomatosis,  
Use of hyperthermic intraperitoneal chemotherapy (HIPEC) in GI peritoneal surface malignancies and ovarian cancers.