

Curriculum Vitae

Ronald R. Salem, M.D., F.R.C.S., F.A.C.S.

Associate Professor and Chief, Section of Oncologic and Endocrine Surgery

Department of Surgery

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EDUCATION:	1963-1968	St. John's, Harare, Zimbabwe
	1968-1973	Peterhouse, Marandellas, Zimbabwe
	1974-1978	Godfrey Huggins School of Medicine, University of Rhodesia, Zimbabwe
	1978	M.B. Ch.B, University of Rhodesia

CAREER:

Jan 1979 - Dec 1979	Intern Harare Hospital Zimbabwe
Jan 1980 - Jun 1980	PGY-2 Obstetrics and Gynecology Harare Hospital Zimbabwe
Jul 1980 - Dec 1980	PGY-2 General Surgery Harare Hospital Zimbabwe
Jun 1981 - Dec 1981	Emergency Room Physician Guys Hospital, London, UK
Jan 1982 - Jun 1985	Residency in General Surgery Royal Postgraduate Medical School Hammersmith Hospital, London, UK
Jul 1985 - Jun 1987	Research Fellow in Surgical Oncology Dana Farber Cancer Center & New England Deaconess Hospital.
Jul 1987 - Dec 1988	Senior Resident in General Surgery New England Deaconess Hospital.
Jan 1989 - Dec 1989	Chief Resident in General Surgery New England Deaconess Hospital,

Harvard Medical School, Boston, Mass.

April 1990 - June 1996

Assistant Professor in Surgical Oncology
Yale University School of Medicine

Chief of Surgical Oncology
West Haven Veterans' Affairs Hospital

July 1996 - Present

Associate Professor in Surgical Oncology
Chief of Surgical Oncology
Yale University School of Medicine

Chief of the Red Surgery General Surgery Service

Attending Surgeon, Yale New Haven Hospital

Board Certification:

American Board Certification in General Surgery	1991
F.R.C.S. (Ed)	1983
F.R.C.S. (C)	1989
F.A.C.S.	1993

Awards:

General Surgery Resident Teaching Award:	1991
General Surgery Resident Teaching Award:	1996
General Surgery Resident Teaching Award:	2000
General Surgery Resident Teaching Award:	2001
General Surgery Resident Teaching Award:	2002

Grant Funding:

1. **Study of Tamoxifen and Raloxifene in the Prevention of Breast Cancer (STAR Trial),** National Surgical Adjuvant Breast and Bowel Program, July 1999 - June 2003. Amount: ongoing support dependent on patient accrual.
2. **Swibelius Grant,** Funded through the Yale Cancer Center, 1991 – 1992 , Amount: \$20,000

Professional Service:

Appointments:

Chief of Oncologic and Endocrine Surgery,	1996 – present
Chief of Red Surgery	1996 – present
Chief of Surgical Oncology, West Haven VAMC	1990 – 1998
Chief of Surgery at Yale Health Plan	1995 – 2002

Committee Responsibilities:

National:

Cancer Liaison Officer to The American College of Surgeons for YNHH
Committee for Clinical Affairs for The Society of Surgical Oncology
Editorial Board: Annals of Surgical Oncology

Local:

Executive Committee, Department of Surgery	1996 – present
Board of Governors, Yale Medical Group.	2000 – Present
Yale Medical Group Board of Governors Contracting Committee	2001 – present
YNHH Cancer Committee.	1993 – Present
OHSE Committee	1994 – present
Student Thesis Committee	1994 – 1999
Protocol Review Committee	1996 – 2000
Infection Control Committee	1995 – 2001

PUBLICATIONS:

PEER REVIEWED:

1. Habib N, **Salem RR**, Luck RJ, Blount M, Wood CB. A histochemical method that predicts local recurrence after curative resection in carcinoma of the colon and rectum. Surg Gyn and Obstets 1984; 159, 436-438.
2. **Salem RR**, Hemingway AP, Rees H, Keshavarsian A, Allison DJ, Wood CB. A comparison of selective visceral angiography and colonoscopy in the diagnosis of colonic angiodysplasia. Annals of the Royal College of Surgeons, 1985; 67: 4, 225-226.
3. **Salem RR**, Williams G, Blumgart LH. Acute pancreatitis following renal transplantation. Digestive Surgery 1985; 2: 126-130.
4. Bleday R, Weiss MJ, **Salem RR**, Wilson RE, Chen LB, Steele Jr G. Inhibition of rat colon tumor isograft growth with Dequalinium Chloride. Archives of Surgery 1986; 121, 1272 – 1275.
5. Bradley SJ, Garfinkle G, Walker E, **Salem RR**, Bleday R, Chen LB, Steele Jr GD. Increased expression of the epidermal growth factor receptor on human colon carcinoma cells. Archives of Surgery 1986; 121, 1242 – 1247.
6. Habib NA, Hershman MJ, **Salem RR**, Barker W, Apostolov K, Wood CB. Increased erythrocyte stearic acid desaturation in rats with chemically induced colorectal carcinomas. International Journal of Colorectal Disease 1987 2:1, 12 – 14.
7. **Salem RR**, McIndoe A, Matkin J, Lidou ACM, Clarke A, Wood CB. The hematological effects of Latamoxef Sodium (Moxalactam) when used as prophylaxis in surgery. Surgery Gynecology and Obstetrics 1987, 164, 525 – 529.

8. Weiss MJ, Wong JR, Ha CS, Bleday R, **Salem RR**, Steele Jr. G, Chen LB. Dequalinium, a topical antimicrobial agent, displays anti-carcinoma activity based on selective mitochondrial accumulation. *Proc. Natl. Acad. Sci.* 1987; 84:5444 – 5448.
9. Daneker GW, **Salem RR**, Bagli D, Wolf B, Mercurio AM, Steele Jr G. Laminin expression in human colorectal carcinomas varying in degree of differentiation. *Archives of Surgery* 1987; 122: 1470 – 1474.
10. Bagli DJ, Defreitas E, Daneker G, **Salem RR**, Wilson RW, Steele Jr G, Sears HF. Dose dependent modulation of the human immune response to monoclonal antibody. *Archives of Surgery* 1987, 122.
11. **RR Salem**, R Bleday, HF Sears, B Wolf, P Thomas, N Zamcheck, LB Chen, G Steele Jr. Production and evaluation of a monoclonal antibody to non CEA producing colorectal cancers. *Surgical Forum* 1987, 38, 408 – 410.
12. Ravikumar TS, Wolf B, Chen LB, **Salem RR**, Cocchiario C, Litt K, Steele Jr G. Expression of epidermal growth factor receptor and mutant ras p21 correlates with metastatic behavior in human colorectal cancer. *Surgical Forum* 1987, 38, 398 – 402.
13. Thompson JN, **Salem RR**, Hemingway AP, Rees HC, Hodgson HJF, Wood CB, Allison DJ, Spencer J. Specialist investigation of obscure gastrointestinal hemorrhage. *Gut* 1987, 28, 47 – 51.
14. **Salem RR**, Wolf B, Sears HF, Thomas P, Bolinger B, Zamcheck N, Saravis CA, Chen LB, Steele Jr G. A cell surface glycoprotein expressed by colorectal carcinomas including poorly differentiated, non-carcinoembryonic antigen producing colorectal tumors. *Cancer Research* 1988, 48, 7257 – 7263.
15. Habib NA, Cox S, **Salem RR**, Sung D, Foo CL, el Masry R, Todd B, Benjamin IS. Biliary Surgery in three district general hospitals: factors contributing to mortality. *Br. J. Clin. Pract.* 1988, 42, 329-332.
16. Wolf B, **Salem RR**, Sears HF, Horst DA, Lavin PT, Herlyn M, Itzkowitz SH, Schlom J, Steele GD. The expression of colorectal carcinoma-associated antigens in the normal colonic mucosa: An immunohistochemical analysis of regional distribution. *Am. J. Pathol* 1989; 135, 111-119.
17. **Salem RR**, Wolf B, Lavin P, Sears HF, Steele Jr G. Alteration of colorectal carcinoma (CRC) associated antigen expression in colonic polyps. *Proc. Am. Ass. Cancer Research* 1989, 30, 411.
18. Wolf BC, D'Emilia JC, **Salem RR**, Decoste D, Sears HF, Gottlieb LS, Steele Jr GD. Detection of the tumor associated glycoprotein antigen (TAG-72) in premalignant lesions of the colon. *J. Natl. Cancer Inst.* 1989; 1913-1916.
19. Wolf BC, **Salem RR**, Sears HF, Lavin PT, Decoste D, D'Emilia JC, Herlyn M, Schlom J, Gottlieb LS, Steele Jr GD. The expression of colorectal carcinoma-associated antigens in colonic polyps. *Gastroenterology* 1989, 96: A549.

20. Steger AC, Timoney AS, Griffin S, **Salem RR**, Williams G. The influence of immunosuppression on peptic ulceration following renal transplantation and the role of endoscopy. *Nephrol. Dial. Transplant*, 1990; 5, 289-292.
21. Habib NA, Foo CL, el Masry R, Gouli O, Cox S, **Salem RR**, Todd B, Benjamin IS. Complications of cholecystectomy in district general hospitals. *Br. J. Clin. Pract.* 1990; 44, 189-192.
22. **Salem RR**, Wolf BC, Sears HF, Lavin PT, Ravikumar TS, DeCoste D, D'Emilia JC, Herlyn M, Schlom J, Gottlieb LS, Steele Jr GD. Expression of colorectal carcinoma associated antigens in colonic polyps. *Journal of Surgical Research*, 1993; 55, 249-255.
23. **Salem RR**, Ward BA, Ravikumar TS. A new peripherally implanted subcutaneous permanent central venous access device for patients requiring chemotherapy. *Journal of Clinical Oncology*, 1993, 11:11, 2181-2185.
24. Ravikumar TS, Buenaventura S, **Salem RR**, D'Andrea B. Intraoperative ultrasonography of liver: Detection of occult liver tumors and treatment by cryosurgery. *Cancer Detect Prev*, 1994; 18(2): 131-138.
25. Narayan D, Soybel D, **Salem RR**. Pyloric carcinoma presenting as intra-thoracic volvulus. *Journal of Clinical Gastroenterology*, 1994, 18:3, 260-261.
26. Hammers LW, Staub MI, **Salem RR**, Case CQ, Taylor KJW. Transrectal color Doppler flow imaging of rectal carcinoma. *Radiology*, 1994, 193(P): 287.
27. Topazian M, **Salem RR**. Sphincter of Oddi dysfunction caused by an ampullary neoplasm *Gastroenterology*, 1995, 108: 242-246.
28. Haber M, Reuben A, Burrell M, Oliverio P, **Salem RR**, West AB. Multiple focal nodular hyperplasia of the liver associated with hemihypertrophy and vascular malformations. *Gastroenterology*, 1995; 108: 1256-1262.
29. Heneghan JP, Hammers LW, **Salem RR**, Taylor KJW: Color flow ultrasound in staging rectal carcinoma. *American Journal of Roentgenology* 1996, 166(3) [suppl]: 84.
30. Phillips JL, **Salem RR**. Incidence of recurrent bladder cancer in patients requiring admission for abdominal pain long after cystectomy. *Journal of Surgical Oncology* 1996, 63, 191-194.
31. Haffty BG, Ward B, Pathare P, **Salem RR**, McKhann CF, Beinfield M, Fischer D, Reiss M. Reappraisal of the role of axillary lymph node dissection in the conservative management of breast cancer. *Journal of Clinical Oncology* 15(2): 691-700, 1997.
32. Heneghan JP, Hammers LW, **Salem RR**, Taylor KJW. Color flow ultrasound in staging rectal carcinoma. *Roentgenology* 166(3) [suppl]: 84, 1996.

33. Heneghan JP, **Salem RR**, Lange RC, Taylor KJ, Hammers LW. Transrectal sonography in staging rectal carcinoma: the role of gray-scale color-flow, and Doppler imaging analysis. *American Journal of Roentgenology*. 169(5): 1247-52, 1997.
34. Hammers LW, Heneghan JP, Lange R, **Salem RR**, Brown JM. Comparison of endorectal probes in staging rectal cancer/recurrence. *Journal of Ultrasound in Medicine* 1997, 16[suppl]: S70 1998.
35. Rosser JC, Rodas EB, Blancaflor J, Prosst RL, Rosser LE, **Salem RR**. A simplified technique for laparoscopic jejunostomy and gastrostomy tube placement. *American Journal of Surgery* 1999, 177(1): 61-5.
36. Poggi SH, Madison McNiff JF, Poo Hwu, WJ, Bayar S, **Salem RR**. Colonic melanoma, primary or regressed primary. *Journal of Clinical Gastroenterology* 2000, 30(4): 441-444.
37. Heath EI, Burtness BA, Heitmiller RF, **Salem RR**, Kleinberg L, Knisely J PS, Yang SC, Talamini MA, Kaufman HS, Canto MI, Topazian M, Wu TT, Olukayode K, Forastiere AA. Phase II Evaluation of Pre-operative Chemoradiation and Post-operative Adjuvant Chemotherapy for Squamous Cell Carcinoma and Adenocarcinoma of the Esophagus. *Journal of Clinical Oncology* 2000, 18(4): 868-876.
38. Hwu WJ, **Salem RR**, Pollak J, Rosenblatt M, D'Andrea E, Leffert J, Faraone S, Marsh JC, Pizzorno G. A Clinical-Pharmacological Evaluation of Percutaneous Isolated Hepatic Infusion of Doxorubicin in patients with Unresectable Liver Tumors. *Oncology Research* 2000, 11: 529-537,
39. Tang LH, Hui P, Parkash G, Garcia-Tsao G, **Salem R**, Jain D: Multiple sporadic hepatic angiomyolipomata: Evidence for origin of separate clonal proliferations rather than intrahepatic metastasis. *Modern Pathology*. 14(1), 2001.
40. Gagliardi G, Bayar S, Smith RC, **Salem RR**: Preoperative Staging of Rectal Cancer using Magnetic Resonance Imaging (MRI) with External Phase Array Coils. *Archives of Surgery*. 137:447-451, 2002
41. Tang LH, Hui P, Garcia-Tsao G, **Salem RR**, Jain D: Multiple angiomyolipomata of the liver *Modern Pathology*. 15(2)167-171, 2002
42. Bayar S, Saxena R, Emir B, **Salem RR**: Venous Invasion may predict Lymph Node Metastasis in Early Rectal Cancer. *European Journal of Surgical Oncology*. 28:413-417, 2002
43. **Salem RR**: Recurrent Hepatocellular Carcinoma, To Resect or Not To Resect. *J Clin Gastroenterol*. (in press)

CASE REPORTS:

1. **Salem RR**, Boesby S, Bowley N, Blumgart LH. Haemobilia and Haemoperitoneum. A complication of a solitary gall stone. *J.R.C.S.*, 1984, 29, 262.

2. Madsen JA, Tallini G, Glusac EJ, **Salem RR**, Braverman I, Robert ME. Biliary tract obstruction secondary to mycosis fungoides: a case report. *Journal of Clinical Gastroenterology* 1999, 28(1): 56-60.
3. Bayar S, Saxena R, **Salem RR**. Foreign Body Reaction to a Metal Clip Causing a benign bile duct stricture 16 years after open cholecystectomy: Report of a case. *Surgery Today* 2000, 30: 534-536.
4. Nathan JD, Gingalewsik C, **Salem RR**. Intra-abdominal desmoplastic small round cell tumor. *Yale Journal of Biology & Medicine* 2000, 72(4):287-93.

BOOK CHAPTERS:

1. RR Salem, TS Ravikumar: Surgery in non-solid tumors. *General Surgery*, 1995, pp 499-510.