

MICHAEL ELLIOT PEZIM

PROFILE

Sixteen years Surgery at University of British Columbia in positions of increasing responsibility from first year surgical resident to tenured Associate Professor. Surgical Fellow for two years at Mayo Clinic, Minnesota. Clinical appointments at Vancouver Hospital and St. Paul's Hospital, and Consultant Surgeon to the BC Cancer Agency. Special interests in intestinal oncology and restoration of intestinal continuity. Developed multidisciplinary provincial clinical and research facility for the study of complex physiologic disorders. Numerous teaching initiatives.

EDUCATION

FACS, Fellow of the American College of Surgeons, 1994
DABCRS, Certified, American Board of Colon and Rectal Surgery, 1991
DABS, Certified, American Board of Surgery, 1986
Fellow in Surgery, Mayo Clinic, 1984-1986
FRCS, Fellow of the Royal College of Surgeons of Canada, 1984
Fellow in Surgical Research, St. Mark's Hospital, London, England, 1983
MD, University of Toronto, 1979
BSc, University of Toronto, 1975

CAREER HISTORY & HIGHLIGHTS

Positions

UNIVERSITY OF BRITISH COLUMBIA	1986-1998
Tenured Associate Professor, Department of Surgery	1995-1998
Assistant Professor, Department of Surgery	1992-1995
Clinical Assistant Professor, Department of Surgery	1986-1992

Highlights

- Clinical and Research Fellow, St. Mark's Hospital, London, England
- Colon and Rectal Surgery Clinical and Research Fellow, Mayo Clinic
- First American Board certified Colon and Rectal Surgeon in BC
- Developed Section of Colon & Rectal Surgery, UBC, with Dr. J. MacFarlane
- First surgeon in Western Canada to undertake and report on a series of anterior resections with complete mesorectal excision technique

- Created and attracted funding for multidisciplinary Vancouver Hospital Physiology Centre
- Created multidisciplinary 'Reoperative Colorectal Surgery Group' for recurrent colorectal cancer
- Arranged 13 visiting surgical professorships to UBC
- Created 'MSI-only' surgical teaching sessions
- Coordinated VHHSC General Surgery Grand Rounds and M&M rounds
- Supervised a number of resident research projects
- Awarded over \$320,000 in grant money for UBC
- Numerous international presentations and publications in the areas of colorectal cancer, inflammatory bowel disease and anorectal physiology

EDUCATION

University of Toronto	BSc	1972-1975
University of Toronto	MD	1975-1979
Mount Sinai Hospital, Toronto	Internship	1979-1980
University of British Columbia	Residency in General Surgery	1980-1985
St. Mark's Hospital, London, England	Colon and Rectal Surgery	1982-1983
Mayo Clinic, Rochester, Minnesota	Fellowship Colon and Rectal Surgery	1985-1986
Mayo Clinic, Rochester, Minnesota	Surgical Research Fellow	1986-1987

BOARD QUALIFICATIONS

1984	FRCSC - General Surgery
1986	Certified, American Board of Surgery, (April 9, 1986; #31343)
1997	Recertified, American Board of Surgery (Oct 24, 1997)
1991	Certified, American Board of Colon and Rectal Surgery, (Sep 28, 1991, #1130)
1994	FACS

COURSE CERTIFICATIONS

1987	ATLS, American College of Surgeons
1991	Basic Laparoscopy, ENDOLAP Canada
1992	Advanced Laparoscopy, UBC Accredited Program
1993	Advanced Laparoscopic Colectomy, Indiana University School of Medicine

UNIVERSITY POSITIONS

1986-1992	Clinical Assistant Professor, Department of Surgery, UBC
1992-1995	Assistant Professor, Department of Surgery, UBC
1995-1998	Associate Professor, Department of Surgery, UBC

UNIVERSITY ADMINISTRATIVE APPOINTMENTS

1987-1990	Secretary, UBC Colorectal Surgery Group
1990-1991	Chair, UBC Colorectal Surgery Group
1991-1996	Head, Section of Colon & Rectal Surgery, Div. of General Surgery

1991-1993 UBC Faculty of Medicine Oncology Program
1995-1996 Director, UBC Colorectal Unit, St. Paul's Hospital

HOSPITAL POSITIONS

1987-1989	Associate Staff	Vancouver Hospital
1987-1990	Consulting Medical Staff	Vancouver Hospital - University Site
1987-1995	Consulting Medical Staff	St. Paul's Hospital
1987-1996	Consulting Staff	BC Cancer Agency
1989-1995	Active Staff	Vancouver Hospital
1995-1996	Consulting Staff	BC's Women's Hospital
1995-1996	Active Staff	St. Paul's Hospital

HOSPITAL ADMINISTRATIVE APPOINTMENTS

1995-1996 Medical Director, Physiology Centre, Vancouver Hospital

HOSPITAL OR UNIVERSITY COMMITTEE WORK

1981 Resident Representative, General Surgery Resident Training Committee
1987 Member, GI Oncology Group, BC Cancer Agency
1988 Member, General Surgery Resident Education Committee
1990 Member, Oncology Section, Division of General Surgery
1990 Member, Finance Committee, Division of General Surgery
1990 Member, Research Committee, Division of General Surgery
1991 Member, Surgical Infection Group
1992 Member, General Surgery Advisory Committee
1992 Member, Department of Surgery, MIS Committee
1993 Chair, Physiology Centre Committee
1994 Member, GE Clinic Committee
1994 Quality Assurance Liaison, General Surgery

EXTERNAL MEMBERSHIPS

Toronto Medical Society
St. Mark's Association
Royal College of Physicians and Surgeons of Canada
American Medical Association
Minnesota Medical Association
Zumbro Valley Medical Society
Canadian Society of Colon and Rectal Surgeons
Canadian Association of General Surgeons
Mayo Alumni Association
Priestley Society
North Pacific Surgical Society
American College of Surgeons
Northwestern Society of Intestinal Research
Member, Protocol Development Committee, National Cancer Institute of Canada, Rectal Cancer CO.4

DISTINCTIONS

- 1977 University of Toronto Summer Medical Scholarship
- 1975 University of Toronto New College Scholarship
- 1984 University of British Columbia, Department of Surgery Resident Research Prize
- 1985 I.B. Holubitsky Memorial Award, UBC Department of Surgery (Most Outstanding Resident)
- 1987 Northwest Society of Colon and Rectal Surgeons Award for Investigation of "Indeterminant" Colitis
- 1988 Pennsylvania Society of Colon and Rectal Surgery Award for "Strategies for Evaluating Patients with Pelvic Floor Dysfunction"
- 1992 Merit Award, Faculty of Medicine, UBC
- 1993 Merit Award, Faculty of Medicine, UBC

CME ACTIVITIES ARRANGED:

- 1989 Dr. K. Kelly, Chair, Department of Surgery, Mayo Clinic, Rochester, MN
- 1989 Mr. P. Hawley, Consultant Surgeon, St. Mark's Hospital, London, England
- 1989 Dr. D.L. Dunn, Assistant Professor of Surgery, Co-Director - Pancreatic Disease Centre, University of Minnesota
- 1989 Dr. M. Leia-Stephen, General Surgeon, Kamloops, BC
- 1990 Dr. M.J. Girotti, Director, Trauma Services, Toronto General Hospital
- 1990 Mr. R.J. Heald, Consultant Surgeon and Chief, Colorectal Research Unit, Basingstoke District Hospital, Basingstoke, England
- 1990 Dr. R.K. Reznick, Assistant Professor, Department of Surgery, University of Toronto
- 1990 Dr. E. Reddick, Chief of General Surgery, Laser Section, Hospital Corporation of America, Laser Training Centre, Nashville, TN
- 1992 Dr. Paul Belliveau, Royal Victoria Hospital, Montreal, Quebec
- 1992 Dr. David G. Jagelman, Department of Colon and Rectal Surgery, Cleveland Clinic
- 1992 Dr. Norman Williams, Professor of Surgery, The London Hospital, Whitechapel, UK
- 1995 Dr. Yasuhisa Yamamoto, Professor of Surgery, Kawasaki Medical School, Okayama Japan
- 1995 Dr. Paul Belliveau, President, Canadian Society of Colon and Rectal Surgeons, Montreal

TEACHING

SPECIAL INTEREST

"MSI Only" Surgical Rounds: Inception and coordination, 1989-1994. By emphasizing basic principles of general surgery (management of acute abdomen, shock, GI bleeding, bowel obstruction, etc.) these seminars provide a balance between the complex general surgery problems seen on the teaching wards and the more common problems encountered in the community.

Coordinator - VHHSC General Surgery Rounds. Including development of Province wide events and organization of numerous visiting speakers.

Coordinator - VHHSC General Surgery Mortality and Morbidity Rounds. Development of systematic method of capturing all procedures and complications, providing accurate real-time complication rates and resource utilization. Development of critical yet non-threatening environment for discussion of complications, involving resident presentations.

STUDENTS SUPERVISED

Dr. E. Skarsgard	Function and quality of life results after ileal pouch surgery for chronic ulcerative colitis and familial polyposis. Presented: North Pacific Surgical Association, 1988 Published: Am J Surg; 157:467-471, 1989	89/90
Dr. J. Hunter	Localization of gastrointestinal bleeding by Technetium-99 labelled red cell scan: Leading or misleading? Presented: North Pacific Surgical Association, 1989 and Northwest Society of Colon and Rectal Surgery, 1989. Published: Am J Surg; 159(5):504-506, May 1990. (Selected Readings in General Surgery, May 1990, Yearbook of Nuclear Medicine, 1992; Mosby-Yearbook Inc.)	89/90
Dr. R. Schwarz	Failure of right-sided colonic anastomosis for treatment of left-sided ulcerative colitis. Published: Dis Col Rect; 34(7):618-21, Jul 1991	90/91
Dr. E. Webber	Rectal cancer local recurrence rates in Vancouver teaching hospitals. Presented: British Columbia Surgical Association, 1991	90/91
Dr. P. Willard	The Altemeier procedure for rectal prolapse. University of British Columbia Junior Resident Research Award. For presentation: Royal College of Physicians and Surgeons Meeting, Sept 1995	92/93
	The development of a pedicle valve unit (PVU) for establishment of enteric continence: Experimental observations. Published: Dis Col Rect; 36(1):16-22, Jan 1993	92/93
Dr. M. Wier	Abdominal pain NYD - management and impact Presented: General Surgery Residents' Day 1995	95/96
Dr. G. Polyakov	Pedicle Valve Unit (PVU) as anti-reflux valve for right Hemicolectomy. Physiologic, Biochemical and Histologic effects.	95/96
Dr. Wei-Peng Yong	Immunohistochemical analysis of Bcl-2 protein regulation in anal melanoma.	95/96

GRANTS

British Columbia Health Care Research Foundation. Jul 1990. \$21,000. Development of a pedicle valve unit (PVU) for enteric continence. Principal Investigator: M.E. Pezim, Co-investigator: H. Johnson.

Mr. and Mrs. P.A. Woodward's Foundation Grant for establishment of Anorectal Physiology Laboratory. Apr 1991. \$32,910. Principal Investigator: M.E. Pezim.

British Columbia Health Care Research Foundation. Jan 1992. \$22,000. Development of a pedicle valve unit (PVU) for enteric continence. Principal Investigator: M.E. Pezim, Co-investigators: H. Johnson, D. Taylor.

Ethicon Ltd. The Pelvic Pouch Procedure - Patient Information Booklet. Jan 1994. \$2,000. Principal Investigator: A.M. Seal, Co-Investigators: M. Pezim, K. Atkinson, R. Sharp, R. Hancock.

Mr. and Mrs. P.A. Woodward Grant. Establishment of the VHHSC Physiology Centre, Jun 1995. \$40,000. Principal Investigator: M.E. Pezim.

VHHSC Foundation. Funding for establishment of the VHHSC Physiology Centre, Mar 1995. \$205,000. Principal Investigator: M.E. Pezim.

PRESENTATIONS

Pezim M.E. (invited): Pelvic pouch surgery - early and late morbidity. University of Goteborg, Sweden, May 5, 1983.

Pezim M.E., Nicholls R.J. (invited): Quality of life after pelvic pouch. St. Mark's Research Association, London, England, May 23, 1983.

Pezim M.E. (invited): Trends in the management of large bowel obstruction. 57th Annual Meeting of the Royal College of Physicians & Surgeons of Canada, Ottawa, Ontario, Sep 26, 1988.

Pezim M.E.: Last talk on anorectal pathophysiology diagnosis and treatment. Interior Gut Club, Kelowna, BC, Feb 8, 1992.

Pezim M.E., Vestrup J.A.: Canadian attitudes toward the management of Colon & Rectal Trauma. Royal College of Physicians & Surgeons Meeting, Ottawa, ON, Sep 14, 1992.

Pezim M.E., Nicholls R.J.: Restorative proctocolectomy with pelvic ileal reservoir: A functional comparison between triple-loop and double-loop ileal reservoir. UBC Health Sciences Research Day, Vancouver, BC, Oct 27, 1983.

Nicholls R.J., Pezim M.E: Restorative proctocolectomy with ileal reservoir for ulcerative colitis and familial adenomatous polyposis: A comparison of three reservoir designs. American Society of Colon and Rectal Surgeons, New Orleans, Louisiana, May 10, 1985.

Pezim M.E., Stanhope C.R., Spencer R., Beart R.W., Ilstrup D: Sphincter repair for faecal incontinence following obstetrical or iatrogenic injury. American Society of Colon and Rectal Surgeons, Houston, Texas, May 12, 1986.

Pezim M.E., Wolff B., Woods J., Beart R.W., Ilstrup D: Closure of post-proctectomy perineal sinus with Gracilis muscle flaps. American Society of Colon and Rectal Surgeons, Houston, Texas, May 13, 1986.

Oswald W.M., Pezim M.E., Barkel D.C., Pemberton J.H., Brown M.L: Scintigraphic balloon proctography for dynamic assessment of anorectal angle. Spring meeting of the Central Chapter of the Society of Nuclear Medicine, Chicago, Illinois, Mar 20, 1987.

Pezim M.E., Pemberton J.H., Beart R.W., Dozois R.R., Wolff B., Nivatvongs S., Ilstrup D: The relationship between indeterminant colitis and outcome after ileal pouch-anal anastomosis. American Society of Colon and Rectal Surgeons, Washington, DC., Apr 8, 1987.

Barkel D., Pezim M.E., Pemberton J.H., Phillips S.F., Brown M.L: Scintigraphic assessment of the anorectal angle. American Society of Colon and Rectal Surgeons, Washington, DC, Apr 5, 1987.

Pezim M.E., Pemberton J.H., Wolff B.G., Dozois R.R., Nivatvongs S., Beart R.W. Jr: Relationship of indeterminant colitis to outcome after ileal pouch-anal anastomosis. BC Surgical Society, Harrison Hot Springs, BC, May 8, 1987.

Oswald W.M., Pezim M.E., Barker D.C., Pemberton J.H., Brown M.L: Scintigraphic balloon proctography for dynamic assessment of anorectal angle. Society of Nuclear Medicine - 34th Annual Meeting, Toronto, Ontario, Jun 2, 1987.

Pezim M.E., Pemberton J.H., Phillips S.F: The immobile perineum: Pathophysiologic implications in severe constipation. XIth International Symposium on Gastrointestinal Motility, University of Oxford, Oxford, U.K., Sep 11, 1987.

Pezim M.E., Pemberton J.H., Phillips S.F: Scintigraphic balloon proctography for assessment of severe constipation. Joint Session of Canadian Association of Gastroenterology and Canadian Association of General Surgeons; 56th Annual Meeting of the Royal College of Physicians and Surgeons of Canada; Winnipeg, Manitoba, Sep 13, 1987.

Pezim M.E., Pemberton J.H., Phillips S.F: The immobile perineum: Pathophysiologic implications in severe constipation. BC Surgical Society, Trail, BC, Apr 1988.

Pezim M.E., Daube J., Phillips S., Litchy G., Harper M., Pemberton J: Prevalence of non-relaxing puborectalis muscle in normal volunteers: Implications in the management of severe constipation. 87th Annual Meeting of the American Society of Colon and Rectal Surgeons, Anaheim CA., Jun 14, 1988.

Pemberton J.H., Pezim M.E., Phillips S.F: Strategies for evaluating patients with severe constipation. 87th Annual Meeting of the American Society of Colon and Rectal Surgeons, Anaheim CA., Jun 15, 1988.

Pezim M.E: New pouch procedures for ulcerative colitis. Northwest Society of Intestinal Research, Vancouver, BC, Jan 19, 1989.

Hunter J., Pezim M.E: Localization of gastrointestinal bleeding by Technetium-99 labelled red cell scan: Leading or misleading? Northwest Society of Colon and Rectal Surgeons, Victoria, BC, Oct 1989.

Hunter J., Pezim M.E: Localization of gastrointestinal bleeding by Technetium-99 labelled red cell scan: Leading or misleading?. North Pacific Surgical Association, Victoria, BC, Nov 1989.

Levin K.E., Pemberton J.H., Phillips S.F., Zinsmeister A.R., Pezim M.E: The effect of xanthine oxidase inhibitor (allopurinol) in patients with pouchitis after ileal anal anastomosis. British Society of Gastroenterology, University of South Hampton, Sep 26-28, 1990.

Levin K.E., Pemberton J.H., Phillips S.F., Zinsmeister A.R., Pezim M.E: Role of oxygen free radicals in the etiology of pouchitis. British Society of Gastroenterology, University of South Hampton, Sep 26-28, 1991.

Willard P. (invited), Pezim M.E: The Altemeier Procedure - initial results. BC Surgical Society, Victoria, BC, May 6-9, 1992.

Pezim M.E., Johnson H.W., Gillespie K.D., Willard P., Owen D.A: The development of a pedicle valve unit (PVU) for establishment of enteric continence: Experimental observations. The American Society of Colon & Rectal Surgeons, San Francisco, California, Jun 7-12, 1992.

Jewesson P., Stiver G., Pezim M.E., et al: Double-blind comparison of cefoxitin, ceftizoxime and metronidazole gentamycin as prophylaxis for colorectal procedures. 33rd Interscience Conference of Antimicrobial Agents and Chemotherapy, New Orleans, Louisiana, 1993.

Pezim M.E: Horseshoe abscess - successful treatment requires deroofting of deep post-anal space. North Pacific Surgical Society, November 12, 1993, Vancouver, BC

Pezim M.E, Beauchamp C., Wright J.E., et al: Aggressive reoperation for local recurrence of rectal cancer - curative or palliative? The Priestley Society, San Diego, CA, March 24, 1995.

Willard P., Pezim M.E: Perineal rectosigmoidectomy for high risk rectal prolapse: The perfect indication for an imperfect operation. Meeting of the Royal College of Physicians and Surgeons, Montreal, Quebec, Sep 1995.

Pezim M.E., Beauchamp C, Wright J., MacDonald W.A: Aggressive reoperation for local recurrence of rectal cancer - curative or palliative? Meeting of the Royal College of Physicians and Surgeons, Montreal, Quebec, Sep 1995.

PUBLICATIONS

Nicolls R.J., Pescatori M., Motson R., Pezim M.E: Restorative proctocolectomy with pelvic ileal reservoir for ulcerative colitis and familial adenomatosis: Clinical results in 66 patients followed for up to six years. *Ann Surg* 1984; 199:383-387.

Pezim M.E: Successful childbirth after restorative proctocolectomy with pelvic ileal reservoir. *Brit J Surg* 1984; 71:292.

Pezim M.E., Nicholls R.J.: Quality of life after restorative proctocolectomy with pelvic ileal reservoir. *Brit J Surg* 1984; 72:31-33.

Nicolls R.J., Pezim M.E: Restorative proctocolectomy with ileal reservoir for ulcerative colitis and familial adenomatous polyposis: A comparison of three reservoir designs. *Brit J Surg* 1985; 72:470-474.

Pezim M.E., Taylor B.A., Davis C.J., Beart R.W. Jr: Perforation of terminal ileal appendage of the "J" pelvic ileal reservoir. *Dis Colon Rectum* 1987; 30:161-163.

Pezim M.E., Pemberton J.H., Dozois R.R: Enteric continence and the ileal pouch-anal procedure. *Sem Surg Oncol* 1987; 3:92-98.

Pezim M.E., Wolff B.G., Woods J.E., Beart R.W. Jr, Ilstrup D: Closure of post-proctectomy perineal sinus with Gracilis muscle flaps. *Can J Surg* 1987; 30:212-4.

Pezim M.E., Beart R.W. Jr, Ready R., Ilstrup D: Sphincter repair for faecal incontinence following obstetrical or iatrogenic injury. *Dis Colon Rectum* 1987; 30:521-525.

Barkel D., Pemberton J.H., Pezim M.E., Phillips S.F., Kelly K.A., Brown M.L: Scintigraphic assessment of the anorectal angle in health and after ileal pouch-anal anastomosis. *Ann Surg* 1988; 208:42-49.

Pezim M.E: Carcinoma of the rectum: Current management. *BC Med J* 1988; 30:518-522.

Pezim M.E., Pemberton J.H., Beart R.W. Jr, Wolff B.G., Dozois R.R., Nivatvongs S., Devine R., Ilstrup D.M: Outcome of "Indeterminant" colitis following ileal pouch-anal anastomosis. *Dis Colon Rectum* 32(8):653-8, 1989

Pezim M.E: Colorectal carcinoma in ulcerative colitis. *BC Med J* 1988; 30:793-797.

Hunter J., Pezim M.E: Limited value of Technetium 99-labelled red cell scintigraphy in localization of lower gastrointestinal bleeding. *Am J Surg*; 159(5):504-506, May 1990. (Abstract in 1992 Year Book of Nuclear Medicine, Mosby-Year Book Inc., Chicago, IL.)

Pezim M.E: Anorectal physiology testing. Help or hype? *Ann RCPSC*; 23:423-430, 1990.

Schwarz R.J., Pezim M.E: Failure of right-sided colonic anastomosis for treatment of left-sided ulcerative colitis. *Dis Colon Rectum* 1991 (Jul); 34(7):618-621.

McNeely B., Owen D.A., Pezim M.E: Multiple microcarcinoids arising in chronic ulcerative colitis *Am J Clin Pathol*; 98:112-116, 1992.

Levin K.E., Pemberton J.H., Phillips S.F., Zinsmeister A.R., Pezim M.E: Role of oxygen free radicals in the etiology of pouchitis. *Dis Colon Rectum*; 35(5):452-56, May 1992.

Pezim M.E., Johnson H.W., Gillespie K.D., Willard P., Owen D.A: The creation of a pedicle valve unit (PVU) for establishment of enteric continence: Experimental observations. *Dis Colon Rectum*; 36(1):16-22, Jan 1993.

Pezim M.E., Pemberton J.H., Levin K.E., Litchy W.J., Phillips S.F: Parameters of anorectal and colonic motility in health and in severe constipation. *Dis Colon Rectum*; 36(5):484-491, May 1993.

Pezim M.E: Successful treatment of horseshoe fistula requires de-roofing of deep post-anal space. *Am J Surg*; 167(5):513-15, May 1994.

Pezim M.E., Vestrup J.A: Canadian attitudes toward the management of colon and rectal trauma. Study completed. Presented at the Royal College of Physicians & Surgeons of Canada. *Dis Colon Rectum* 39(1):40-44, 1996.

Jewesson P.J., Chow A., Pezim M.E., et al. A double-blind randomised study of three antimicrobial regimens in the prevention of infections after elective colorectal surgery. *Diagn Microb Infect Dis* 29:155-165, 1997.

BOOK CHAPTERS

Dozois R.R., Pezim M.E., Gunderson L.L: Carcinoma of the rectum: Current management. In: *Surgical Clinics of North America, Gastrointestinal and Hepatobiliary Malignancies*; Vol. 66,

G.V. Brindley Jr (ed.). Philadelphia: W.B. Saunders Co.; 1986 pp. 821-832.

Pezim M.E., Beart R.W. Jr: Reoperative anorectal surgery. In: Reoperative Surgery. R. Tomkins (ed.). Philadelphia: J.B. Lippincott; 1988.

BOOKS AUTHORED

Pezim M.E: The Intelligent Patient Guide to Colon and Rectal Cancer
Intelligent Patient Guide Ltd; 1992

BOOKS EDITED

Goldenberg S.L., Thompson, Ian M: The Intelligent Patient Guide to Prostate Cancer
Intelligent Patient Guide Ltd.; Feb 1992 (1st edition), Sep 1997 (2nd edition), Jan 2001 (3rd edition)

Gelmon KA, Kuusk U, Olivotto IA: The Intelligent Patient Guide to Breast Cancer
Intelligent Patient Guide Ltd.; Jan 1995 (1st edition), July 1998 (2nd edition), July 2001 (3rd edition)