

## CURRICULUM VITAE

**Name** Demetrius Ernest Martin Litwin, M.D., MBA, FRCSC, FACS, FICS

### **Personal Data**

**Date & Place of Birth:** December 9, 1954  
Saskatoon, Saskatchewan, Canada

**Present Position:** Harry M. Haidak Distinguished Professor and Chairman  
Department of Surgery  
University of Massachusetts Medical School  
UMass/Memorial Health Care

**Address:** UMass Memorial Health Care  
Department of Surgery, H1-760  
55 Lake Avenue North, Rm. S3-810  
Worcester, MA 01655-0333

**Telephone:** Office: (508) 856-7551  
Fax: (508) 334-7476  
E-mail: [demetrius.litwin@umassmemorial.org](mailto:demetrius.litwin@umassmemorial.org)

### **Education**

#### **Medical School:**

1974-1979 M.D.  
University of Saskatchewan  
Saskatoon, Saskatchewan

#### **Post-Graduate Training:**

1979 - 1980 Flexible Internship (Rotating)  
St. Thomas Hospital Medical Centre, Akron, Ohio

1981 - 1985 General Surgery Residency  
University of Saskatchewan, Saskatoon, Saskatchewan

Jan - Jun, 1985 Surgical Endoscopy Fellowship  
Toronto General Hospital, Toronto, Ontario  
Supervisor: Taylor, BR

Jul 1985 - Jun 1986 Chief Resident  
University Hospital, Saskatoon, Saskatchewan

Jul 1986 - Jun 1987 Fellowship in Liver, Pancreas and Biliary Tract Surgery  
University of Toronto, Toronto, Ontario

1989 Detweiler Traveling Fellowship of the Royal College of  
Physicians and Surgeons of Canada McGill Summer Course in  
Epidemiology McGill University, Montreal, Quebec

#### **Other:**

1973 - 1974 Pre-medicine, Faculty of Arts and Science  
University of Saskatchewan, Saskatoon, Saskatchewan

May - Jun 1989	Department of Epidemiology and Biostatistics Summer Program School of Graduate Studies: Epidemiology, Principles of Inferential Statistics in Medicine, Seminar Health Research, Practical Aspects of Protocol Development, Intro. to Computers McGill University, Montreal, Quebec.
Jan - Dec 2002	MBA University of Tennessee, Knoxville, TN

### **Certification**

1980	FLEX - Federal Licensing Examination
1984	POS Examination—Royal College of Physicians and Surgeons of Canada
1985	Examination - Royal College of Physicians and Surgeons of Canada Certification in General Surgery
Feb 17, 1986	Fellow, Royal College of Physicians and Surgeons, #328846
Oct 17, 1986	Fellow of the International College of Surgeons, #L6859
April 2014	Fellow of the American Surgical Association

### **Awards**

1972	Saskatchewan Government University Entrance Scholarship
1974	University of Saskatchewan Undergraduate Scholarship
1992	Saskatchewan Medical Association and College of Physicians & Surgeons of Saskatchewan Quality Improvement Award for Outstanding Achievements in Physician Initiated Quality Improvement in Health Care
1994	Society of American Gastrointestinal Endoscopic Surgeons First Prize Winner for Cardiopulmonary Effects of Abdominal Insufflation in Pregnancy: Fetal and Maternal Parameters in the Sheep Model.
1997	International College of Surgeons, North American Federation Acknowledgement of Distinguished Service as Scientific Chairman for XXXV North American Federation Congress
2000	New England Society of Colon & Rectal Surgeons Award for paper on Hand-Assisted Laparoscopy vs. Standard Laparoscopy for Colorectal Resection
2012	International College of Surgeons Regent of the Year

### **Appointments**

Aug 2004 - Present	Chairman, Department of Surgery UMass Memorial Medical Center, Worcester, MA University of Massachusetts Medical School, Worcester, MA
Dec 2002 – Aug 2004	Chief, Division of General Surgery UMass Memorial Medical Center, Worcester, MA University of Massachusetts Medical School, Worcester, MA
Oct 2002 - Present	Professor of Surgery University of Massachusetts Medical School, Worcester, MA

Oct 2001 – Dec 2002	Acting Chief, Division of General Surgery UMass Memorial Medical Center, Worcester, MA University of Massachusetts Medical School, Worcester, MA
Dec 2001 – Aug 2004	Vice Chairman, Department of Surgery UMass Memorial Medical Center, Worcester, MA University of Massachusetts Medical School, Worcester, MA
Mar 2000 – Dec 2001	Interim Chairman, Department of Surgery UMass Memorial Medical Center, Worcester, MA University of Massachusetts Medical School, Worcester, MA
1998 – 2000	Director, Surgical Endoscopy UMass Memorial Health Care Worcester, Massachusetts
Aug 1997 – July 2000	Director Smith + Nephew Center for Research in Endoscopic Surgery <ul style="list-style-type: none"> <li>The Center resulted in 30 invention disclosures, 20 U.S. patent applications, 5 licenses and a marketed product – HandPort™</li> </ul>
Jul 1997 – Oct 2002	Associate Professor of Surgery University of Massachusetts Medical School, Worcester, MA Director, Minimally Invasive Surgery Services Director, UMass EndoSurgery Center UMass/Memorial Health Care
Jul 1997 – 2003	Director, UMass EndoSurgery Center & Fellowship in Minimally Invasive Surgery Director UMass/Memorial Health Care
Jul 1997 – Jun 2003	Director, US Surgical Center of Excellence UMass/Memorial Health Care
Oct 1993 - Jul 1997	Assistant Professor Director, Minimal Access Surgery Department of Surgery University of Toronto, Toronto, Ontario
Sep 1990 – Sep 1993	Director of Laparoscopic Training Program Saskatoon City Hospital Saskatoon, Saskatchewan
Jan 1989 - Aug 1990	Assistant Professor of Surgery Department of Surgery University of Saskatchewan, Saskatoon, Saskatchewan
Jul 1986 - Jun 1987	Instructor, Department of Surgery University of Toronto, Toronto, Ontario

#### **Hospital Appointments**

Aug 1997 – Present	Active Staff, Division of General Surgery UMass Memorial Health Care, Worcester, Massachusetts
July 2005- Present	Courtesy Staff, Milford Hospital, Milford Massachusetts
Sep 1993 – Jul 1997	Active Staff, Division of General Surgery Mount Sinai Hospital, Toronto, Ontario

Sep 1993 – Jul 1997	Active Staff, Division of General Surgery Toronto Hospital, Toronto, Ontario
Sep 1990 - Sep 1993	Active Staff, Division of General Surgery Saskatoon City Hospital, Saskatoon, Saskatchewan
Jan 1989 - Aug 1990	Active Staff, Division of General Surgery University Hospital, Saskatoon, Saskatchewan
Jan 1988 - Dec 1988	Active Staff, Division of General Surgery North York Branson Hospital, Willowdale, Ontario
Jul 1987 - Dec 1987	General Surgery Locum Tenen North York Branson Hospital, Willowdale, Ontario
July 1986- Jun 1987	General Staff Privileges Toronto General Hospital, Toronto, Ontario
May 1981 - Jun 1987	General Practice, Locum Tenen Shellbrook, Saskatchewan
Jul 1980 - Dec 1980	General Practice, Locum Tenen Prince Albert Medical Centre, Prince Albert, Saskatchewan

### **Society Memberships**

American College of Surgeons (Mass. Chapter)  
 American College of Physician Executives  
 American Hepato-Pancreato-Biliary Association  
 American Hernia Society  
 American Medical Association  
 Canadian Association of Gastroenterology  
 Canadian Association of General Surgeons  
 Canadian Society for Endoscopic and Laparoscopic Surgery  
 International College of Surgeons (Fellow)  
 Massachusetts Medical Society  
 New England Surgical Society  
 Society of American Gastrointestinal Endoscopic Surgeons  
 Society of Surgical Chairs  
 Society of Laparoendoscopic Surgeons  
 Society for Surgery of the Alimentary Tract  
 Society for Simulation in Healthcare  
 The Royal College of Physicians and Surgeons of Canada

### **Honorary Memberships**

Brazilian College of Surgeons (Colegio Brasileiro de Cirurgioes), July 28, 1993  
 Association of Mexican Laparoscopic Surgeons (Asociacion Mexicana de Cirugia Laparoscopica)  
 May 21, 1994

### **Committees**

#### **ICS US Section Activity**

2018	Treasurer
2017	Secretary
2016	Chair, Board of Regents

2016	Vice President
2016 – Present	Honors Committee
2015	Secretary, Qualifications Council
2015	Chair, Council of Specialty Groups
2012 – Present	Membership Committee
2012 – Present	CME Committee
2012 – Present	Chair, General Surgery Specialty Group
2011 – Present	Regent, State of Massachusetts
2009	Southern Society of Clinical Surgeons Planning Committee
2006–2010	Society of American Gastrointestinal Endoscopic Surgeons (SAGES) Bylaw Committee
2003– 2005	Society of American Gastrointestinal Endoscopic Surgeons (SAGES) Program Committee Ethics Committee
2001	9 <sup>th</sup> Intentional Congress of the European Association for Endoscopic Surgery Maastricht, The Netherlands Faculty
2000– 2002	Society of American Gastrointestinal Endoscopic Surgeons (SAGES) Board of Governors
1999– 2001	Society of American Gastrointestinal Endoscopic Surgeons (SAGES) Technology Assessment, Ergonomics
1997– 2003	Society of American Gastrointestinal Endoscopic Surgeons (SAGES) Credentials
1997	XXXV North American Federation Congress of the International College of Surgeons, Chairman of Scientific Organizing Committee, Vancouver, BC, Canada
1997	European Institute of Telesurgery, Strasbourg, France Faculty
1996 – 1997	Canadian Chapter of the International College of Surgeons President
1996 – 1997	International College of Surgeons Board of Governors, International Section
1994 – 1996	Canadian Chapter of the International College of Surgeons Secretary
1993 –2003	International Surgery Editorial Board
1993 - 1997	Minimal Access Committee, Chairman Mount Sinai Hospital, Toronto, Ontario, Canada
1993 - Present	Journal of Laparoendoscopic & Advanced Surgical Techniques, Editorial Board
1992 - 1994	General Assembly of the Saskatchewan Medical Association Elected for 2-year term
1992 - 1997	Canadian Association of General Surgeons Member, Endoscopy and Laparoscopy Committee

1992 - 1997	Canadian Society for Endoscopic and Laparoscopic Surgery
1992 - 1997	Member, Scientific Committee
1993 - 1997	Member, Executive Committee
1994 - 1997	Secretary-Treasurer
1992	3 <sup>RD</sup> World Congress of Endoscopic Surgery and First International Hands-on ERCP Course, Bordeaux, France Animal Lab Coordinator
1992	Saskatoon City Hospital, 1 <sup>st</sup> International Symposium on Minimal Access Surgery, Organizing Chair, Saskatoon, Saskatchewan, Canada The first large symposium on laparoscopic surgery in Canada

**Hospital Committees – Various committees at UMass Memorial Medical Center Worcester, Massachusetts**

	Peri-Operative Leadership Group UMass Memorial Health Care Board of Governors (2001-2002, 2004-2007) Executive Leadership Group Clinical Enterprise Executive Committee Chairs Council Medical Advisory Group Clinical Performance Council Surgical Education Committee Cancer Center Executive Oversight Committee Physician Benefit Advisory Group Finance Committee of the medical group Medical Staff Executive Committee Large Capital Executive Committee Growth Executive Committee Spine Center Oversight Committee Heart/Vascular Center of Excellence Committee
2003-2004	President-Elect, Medical Staff
2001-2006	Medical Group Board UMass Memorial Health Care Worcester, Massachusetts
1990 - 1993	GI Endoscopy Committee Pharmacy and Therapeutics Human Research and Ethics Saskatoon City Hospital Saskatoon, Saskatchewan

**Grants**

1. US Surgical Training Grant for Fellowship Education (\$100,000/year), 1993-1997.

2. Endoscopic techniques for spinal surgery. Linvatech Zimmer Corporation (\$10,000). Lieberman IH, Salo PT, **Litwin D**, 1994.
3. Randomized trial of endoscopic spinal fusion versus back specific exercise therapy for degenerative disc disease. Smith & Nephew Richards Inc. (\$15,000). Lieberman IH, Salo PT, **Litwin D**, Kreatschmer B, Wright J. 1995-1995.
4. A prospective randomized trial of endoscopic spinal fusion or back specific exercise in the treatment of degenerative spine disease. Spine Tech, Inc. Minneapolis, Minnesota (\$188,000). Lieberman IH, Salo PT, **Litwin D**, Wright J, Kreatschmer, B, 1996-1998.
5. Handoscopy System Multicenter Clinical Trial. Smith&Nephew, Inc. Andover, MA (\$15,500). **Litwin D**, Kelly J, Meyers, WC, Callery M, Gallagher K, Yood S, Swanson R, 1998-1999.
6. A multicenter prospective randomized study comparing hand-assisted laparoscopic colorectal surgery using the HandPort™ device vs. the laparoscopic approach for benign and non-curative colorectal disease. Smith&Nephew, Inc. Andover, MA (\$9,500). **Litwin D**, HALS Study Group, 1998-1999.
7. US Surgical (Tyco) Centers of Excellence Grant (\$275,000/year x 5 years) – Principal Investigator – **Litwin D**, 1998-2002.
8. Physician Services Incorporated (PSI) Research Grant (\$35,000). The effects of anesthesia on fetal surgery. Principal Investigator – **Litwin D**, 1997.

### **Consultant**

1992 – 1994     Advisory Board for Valleylab Surgery

### **Patents**

1. US patent application 09/632,133: (Utility application) “Inflammatory Disease Intervention Device”
2. US patent application 10/421,103: (Continuation application) “Inflammatory Disease Intervention Device”

### **Journal Articles**

1. Inglis FG, Rusnak CH, **Litwin DEM**: Recent gastroplasty experience in Saskatchewan. Canadian Journal of Surgery 1984: 27: pp. 229-31.
2. **Litwin DEM**, Taylor BR, Langer B, Greig P: Non-parasitic cysts of the liver: The case of conservative surgical management. Annals of Surgery 1987: 205: pp. 45-58.
3. **Litwin DEM**: Laparoscopic cholecystectomy: An innovative new technique. Saskatchewan Medical Journal 1990: 1: pp. 1-3.
4. Johnson D, **Litwin DEM**, Osachoff J, McIntosh D, Bersheid B, Church D, Yip R, Gallagher C: Postoperative respiratory function after laparoscopic cholecystectomy. Surgical Laparoscopy and Endoscopy 1992, 2(3): 221-6.
5. Girotti MJ, Nagy AG, **Litwin DEM**, Mamazza J, Poulin EC: Laparoscopic surgery-base armamentarium. Canadian Journal of Surgery 1992: 35: pp. 281-284.
6. **Litwin DEM**, Girotti MJ, Poulin E, Mamazza J, Nagy AG: Laparoscopic cholecystectomy: Trans-Canada experience with 2201 cases. Canadian Journal of Surgery 1992: 35: pp. 291-296.

7. Nagy AG, Poulin EC, Girotti MJ, **Litwin DEM**, Mamazza J: History of laparoscopic surgery. *Canadian Journal of Surgery* 1992; 35: pp. 271-274.
8. Poulin EC, Mamazza J, **Litwin DEM**, Nagy AG, Girotti MJ: Laparoscopic cholecystectomy: Strategy and concerns. *Canadian Journal of Surgery* 1992; 35: pp. 285-290.
9. **Litwin D**, Rossi L, Oleniuk F, Kenney B: Laparoscopic groin hernia repair. *International Surgery* 1994, 79(4): 296-9.
10. Southerland SR, Remedios AM, McKerrell JG, **Litwin D**: Laparoscopic approaches to the lumbar vertebrae. An anatomic study using a porcine model. *Spine*, 1995, 20(14): 1620-3.
11. Wise Unger S, Glick GL, Landeros M, Cystic Duct Leak Study Group (**Litwin D**). Cystic duct leak after laparoscopic cholecystectomy: A multi-institutional study. *Surgical Endoscopy*, 1996; 10, pp. 1189-1193.
12. Rossi L, **Litwin DEM**, Gowda K: Anatomic thoracoscopic lobectomy (ATL) without mini-thoracotomy: preliminary experience. 1996, *Surg laparosc Endosc* 6(1): 49-55.
13. Hackam DJ, Saibil F, Wilson S, **Litwin D**: Laparoscopic management of intussusception caused by colonic lipomata: a case report and review of the literature. *Surg Laparoscopy Endoscopy* 1996, 6(2): 155-9.
14. Cleator IGM, **Litwin DEM**, Phang T, Brosseuk DT, Rae AJ: Laparoscopic Ileogastrostomy. *Journal of Obesity*, 1994, Vol 4(4): 358-360.
15. **Litwin DEM**, Pham QN, Oleniuk FH, Klulfinger AM, Rossi L: Laparoscopic groin hernia surgery: the TAPP procedure. Transabdominal preperitoneal hernia repair. *Canadian Journal of Surgery*, 1997, 40(3): 192-8.
16. Tandan VR, **Litwin D**, Asch M, Margolis M, and Gallinger S: Laparoscopic cyrosurgery for hepatic tumors. Experimental observations and a case report. *Surgical Endoscopy*, 1997, 11(11): 1115-7.
17. Wilmont C, Watemberg S, Landou O, **Litwin D**: Of balloon axilloscopy and avoidance of iatrogenic injury to the long thoracic nerve. *Arch Surg*, 1997, 132(10): 1121-4.
18. Saiki Y, **Litwin DEM**, Brigras JL, Waddell J, Konig A, Baik S, Navasarikar A, Rebeyka, IM: Reducing the deleterious effects of intrauterine CO<sub>2</sub> during fetoscopic surgery. *Journal of Surg Res*. 1997 April; 69(1): 51-4.
19. Callery MP, **Litwin DEM**, Meyers WC. Laparoscopic Surgery of the Liver Biliary Tract. *Berkshire Medical Journal* 6(1): 3-8.
20. Willsher PC, Urbach G, Cole D, Schumacher S, **Litwin DEM**: Outpatient Laparoscopic Surgery. *Australian and New Zealand J of Surg*, 68:769-773, 1998.
21. Kelly JJ, Meyers WC, Sandor A, **Litwin DEM**: Laparoscopic Gastrectomy in the Porcine Model: Our Initial Experience with a New Hand-assist Device. *Surg Laparosc Endosc*. 1999 Jan;9(1):49-52.
22. Southern Surgeons' Club Study Group: Meyers WC, Foley DP, Sandor A, **Litwin DEM**, et al: Handoscopic Surgery: A Prospective Multicenter Trial of Minimally Invasive Technique for Complex Abdominal Surgery. *Arch of Surg*, May 1999, 134: 477-486.
23. Foley D, Garrett W, Lohnes J, Mandlebaum B, Murray E, Eliadi C, Ricciardi R, Kelly J, Gallagher K, **Litwin DEM**, Callery MP, Waite R, Gilroy A, Busconi B, Meyers W: Management of Severe Lower Abdominal or Inguinal Pain in High Performance Athletes. *Am J Sports Med*. 2000 Jan-Feb;28(1):2-8 .
24. Willsher PC, Sanabria JR, Gallinger S, Rossi L, Strasberg S, **Litwin DE**. Early laparoscopic cholecystectomy for acute cholecystitis: a safe procedure. *J Gastrointest Surg*. 1999 Jan-Feb;3(1):50-3.



25. Temple LK, **Litwin DE**, McLeod RS. A meta-analysis of laparoscopic versus open appendectomy in patients suspected of having acute appendicitis. *Canadian Journal of Surgery*, 42(5):377-83, Oct 1999
26. Willsher PC, Lieberman I, Salo P, **Litwin DEM**: Transperitoneal Laparoscopic Exposure for Lumbar Interbody Fusion. *Spine*, 2000, Feb 15, 25(4): 509-14.
27. **Litwin DEM**, HALS Study Group. Hand-assisted laparoscopic surgery (HALS) with the HandPort™ System: initial experience with 68 patients. *Ann Surg*. 2000 May; 231(5): 715-23.
28. Arous EJ, Nelson PR, Yood, SM, Kelly JJ, Sandor A, **Litwin DE**. Hand-Assisted Laparoscopic Aortobifemoral Bypass Grafting. *Journal of Vascular Surg*, 2000, June 31(6) 1142-8.
29. MacFadyen BV, **Litwin D**, Park A, Phillips EH. Symposium: Laparoscopic Splenectomy Part 1. *Contemporary Surgery* 2000, June, 56(6): 345-354.
30. MacFadyen BV, **Litwin D**, Park A, Phillips EH. Symposium: Laparoscopic Splenectomy Part 2. *Contemporary Surgery* 2000, June, 56(6): 398-407.
31. Kelly JJ, Puyana JC, Callery MP, Yood SM, **Litwin DEM**. The feasibility and accuracy of diagnostic laparoscopy in the septic ICU patient. *Surgical Endoscopy* 2000; 14(7): 617-621.
32. **Litwin DEM**, HALS Study Group. Hand-assisted laparoscopic surgery vs standard laparoscopic surgery for colorectal disease. *Surgical Endoscopy* 2000, Oct 14(10) 896-901.
33. Szabo Z, Avery GJ, II, Sandor A, **Litwin DEM**. Suturing and knotting techniques for thoracoscopic cardiac surgery. *Surgical Clinics of North America*, 2000, Oct, 80(5):1555-74.
34. Romanelli J, **Litwin DEM**: Hand-assisted Laparoscopic Surgery. *Problems in General Surgery*, 2001, Mar; 18(1): 45-51.
35. Romanelli J, Kelly J, **Litwin DEM**: Hand-Assisted Laparoscopic Surgery in the United States: An Overview. *Seminars in Laparoscopic Surgery*. 2001, Jun; 8(2): 96-103.
36. Ricciardi R, Anwaruddin S, Schaffer BK, Quarfordt SH, Donohue SE, Wheeler SM, Gallagher KA, Callery MP, **Litwin DE**, Meyers WC. Elevated intrahepatic pressure and decreased hepatic tissue blood flow prevent gas embolus during limited laparoscopic liver resections. *Surgical Endoscopy* 2001 Jul; 15(7):729-33.
37. Kercher K, Dahl D, Harland R, Blute R, Gallagher K, **Litwin D**. Hand-Assisted Laparoscopic Donor Nephrectomy Minimizes Warm Ischemia. *Urology*. 2001, Aug; 58(2): 152-6.
38. Novitsky YW, Kercher KW, Callery MP, Czerniach DR, Kelly JJ, **Litwin DEM**. Is the use of a bougie necessary for laparoscopic nissen fundoplication. *Arch Surg*. 2002, Apr; 137(4): 402-406.
39. Sandor A, **Litwin DEM**. Internet and Intranet: A New Theatre for Surgical Practice. *Min Invas Ther & Allied Technol* 2002;11(2):67-72.
40. Kelly JJ, Kercher KW, Gallagher, KA, **Litwin DEM**, Arous EJ. Hand-assisted laparoscopic aortobifemoral bypass versus open bypass for occlusive disease. *Journal of Laparoendoscopic & Advanced Surgical Techniques* 2002, Oct;12(5):339-34.
41. Dahl DM, L'Esperance JO, Trainer AF, Zhong J, Gallagher K, **Litwin DEM**, Blute RD, Jr. Laparoscopic Radical Prostatectomy: Initial 70 Cases at U.S. University Medical Center. *Urology*. 2002, Nov, 60 (5): 859-863.
42. Novitsky YW, Kercher KW, Czerniach DR, Perugini RA, Kelly JJ, **Litwin DEM**. Feasibility of laparoscopic adrenalectomy for large adrenal masses. *Surg Laparosc Endosc Percutan Tech*. 2003 Apr;13(2):106-110.

43. Perugini RA, Mason R, Czerniach DR, Novitsky YW, Baker S, **Litwin DE**, Kelly JJ. Predictors of Complication and Suboptimal Weight Loss After Laparoscopic Roux-en-Y Gastric Bypass: A Series of 188 Patients. *Arch Surg*. 2003 May;138(5):541-6.
44. Novitsky YW, Kercher KW, Czerniach DR, **Litwin DEM**. Watermelon Stomach: pathophysiology, diagnosis and management. *Journal of Gastrointestinal Surgery*. 2003 May;7(5): 652-661.
45. Kercher KW, Novitsky YW, Czerniach DR, Kelly JJ, **Litwin DEM**. Staple line bleeding following laparoscopic splenectomy: Intraoperative prevention and postoperative management with splenic artery embolization. *Surg Laparosc Endosc Percutan Tech* 2003 Oct;13(5): 353-6.
46. Kaban GK, Czerniach DR, **Litwin DE**. Hand-Assisted Laparoscopic Surgery. *Surgical Technol Int*. 2003;11:63-70.
47. Kaban GK, Czerniach DR, Perugini RA, Novitsky YW, Kelly JJ, **Litwin DE**. Use of a laparoscopic hand-assisted device for accessory splenectomy. *Surgical Endoscopy* 2004 June; 18(6): 1001.
48. Kaban GK, Czerniach DR, Yood SM, Cohen R, Kelly JJ, **Litwin DE**. Hand-Assisted Splenectomy in the setting of splenomegaly. *Surgical Endoscopy* 2004 Sept; 18:1340-1343.
49. Novitsky YW, Kercher KW, Czerniach DR, Kaban GK, Khera S, Gallagher-Dorval KA, Callery MP, **Litwin DEM**, Kelly JJ. Advantages of Mini-laparoscopic vs Conventional Laparoscopic Cholecystectomy: Results of a Prospective Randomized Trial. *Arch Surg*. 2005;140:1178-1183.
50. Kercher KW, Novitsky YW, Park A, Matthews BD, **Litwin DE**, Heniford BT. Laparoscopic Curative Resection of Pheochromocytomas. *Ann Surg*. 2005 Jun;241(6):919-26.
51. Kagalwala DZ, Shankar S, Zota V, Sandor A, Litwin DE. Preoperative Computed Tomography-guided Hookwire Needle Localization of a Peritoneal Multilocular Inclusion Cyst. *J Comput Assist Tomogr*. 2005 Sep-Oct;29(5):602-3.
52. Novitsky YW, Czerniach DR, Kaban GK, Bergner A, Gallagher KA, Perugini RA, **Litwin DEM**. Immunologic effects of hand-assisted surgery on peritoneal macrophages: Comparison to open and standard laparoscopic approaches. *Surgery* 2006 Jan;139:39-45.
53. Perugini RA, Quarfordt S, Czerniach D, Cahan M, Kelley JJ, **Litwin DE**. Metabolic characterization of non-diabetic severely obese patients undergoing gastric bypass; Preoperative classification predicts the effects of surgery on insulin-glucose homeostasis. *Gastroenterology* 2006 Apr;130(4): A855-A855 Suppl. 2.
54. McPhee JT, Zayaruzny M, Whalen GF, **Litwin DE**, Sullivan ME, Anderson FA, Tseng, JF. Pancreatectomy for neoplasm: National outcomes in mortality. *Journal of Clinical Oncology* 2006 June;24(18):187S-187S Part 1 Suppl. S.
55. Haveran LA, Novitsky YW, Czerniach DR, Kaban GK, Kelly JJ, **Litwin DE**. Benefits of Laparoscopic Adrenalectomy: a 10-year Single Institution Experience. *Surg Laparosc Endosc Percutan Tech*. 2006 Aug;16(4):217-21.
56. Haveran LA, Novitsky YW, Czerniach DR, Kaban GK, Taylor M, Gallagher-Dorval K, Schmidt R, Kelly JJ, **Litwin DEM**. Optimizing laparoscopic task efficiency: the role of camera and monitor positions. *Surg Endosc*. 2007 Jun;21(6):980-4.
57. Novitsky YW, Wong J, Kercher KW, **Litwin DE**, Swanstrom LL, Heniford BT. Severely disordered esophageal peristalsis is not a contraindication to laparoscopic Nissen fundoplication. *Surg Endosc*. 2007 Jun;21(6):950-4. Epub 2006 Dec 20.
58. Novitsky YW, Czerniach DR, Kercher KW, Gallagher KA, Kelly JJ, Heniford BT, **Litwin DE**. Advantages of laparoscopic transabdominal preperitoneal herniorrhaphy in the evaluation and management of inguinal hernias. *Am J Surg*. 2007 Apr;193(4):466.

59. Smith JK, McPhee JT, Whalen GF, Sullivan ME, **Litwin DE**, Anderson FA, Tseng JF. National outcomes after gastric resection for neoplasm. Arch Surg. 2007 Apr;142(4):387-93.
60. Novitsky YW, Wong J, Kercher KW, **Litwin DE**, Swanstrom LL, Heniford BT. Severely disordered esophageal peristalsis is not a contraindication to laparoscopic Nissen fundoplication. Surgical Endoscopy. 2007 Jun;21(6):950-4.
61. McPhee JT, Hill JS, Whalen GF, Zayaruzny M, **Litwin DE**, Sullivan ME, Anderson FA, Tseng JF. Perioperative mortality for pancreatectomy: a national perspective. Ann Surg. 2007 Aug;246(2):246-53.
62. Perugini RA, Quarfordt SH, Baker S, Czerniach DR, **Litwin DE**, Kelly JJ. Metabolic characterization of nondiabetic severely obese patients undergoing Roux-en-Y gastric bypass: preoperative classification predicts the effects of gastric bypass on insulin-glucose homeostasis. J Gastrointest Surg. 2007 Sep;11(9):1083-90.
63. Kaban GK, Novitsky YW, Perugini RA, Haveran L, Czerniach D, Kelly JJ, **Litwin DE**. Use of laparoscopy in evaluation and treatment of penetrating and blunt abdominal injuries. Surg Innov. 2008 Mar;15(1):26-31.
64. Burrows A, Moser R, Weaver JP, **Litwin D**, Pilitsis, JG. The effect of the role out of Massachusetts health care reform on neurosurgical procedure reimbursements. Neurosurgery 2008 June;62(6):1401.
65. Barkun J, Neville A, Fitzgerald WN, **Litwin D**. Evidence Based Reviews Surg Grp. Watchful waiting versus repair of inguinal hernia in minimally symptomatic men. Canadian Journal of Surgery 2008 Oct;51(5):406-409.
66. Perugini R, Czerniach D, Kelly J, **Litwin D**. Cardiac autonomic neuropathy and its improvement following gastric bypass correlate with insulin resistance, but not with measures of obesity. Obesity 2008 Oct;16:S145-S145.
67. **Litwin DE**, Cahan MA, Laparoscopic Cholecystectomy. Surgical Clinics of North America 2008 Dec;88(6):1295-313.
68. Burrows AM, Moser RP, Weaver JP, **Litwin DE**, Pilitsis JG. Massachusetts health insurance mandate: effects on neurosurgical practice. Journal of Neurosurgery 2010 Jan; 112(1):202-207.
69. Sneider EB, Cahan MA, **Litwin DE**, Laparoscopic repair of acute surgical diseases in the 21<sup>st</sup> century. Challenging Surgical Emergencies, 2010 June 65(3): 275-296.
70. Larkin AC., Cahan MA., Whalen G, Hatem D, Starr S, Wellman S, **Litwin D**, Sullivan K. Human Emotion and Response in Surgery (HEARS): A Simulation-Based Curriculum for Communication Skills, Systems-Based Practice, and Professionalism in Surgical Residency Training, J Am Coll Surg 2010 August, 211(2): 285-292.
71. Cahan MA, Larkin AC, Starr S, Wellman S, Halley HL, Sullivan K, Shah SA, Hirsh M, **Litwin D**, Quirk M. A Human Factors Curriculum for Surgery Clerkship Students. Archives of Surgery, 2010 Dec 145(12): 1151-1157.

### **Books/Chapters**

1. Litwin D. Risks to fertility with laparoscopic mesh repair inguinal hernia: Advances or controversies, Radcliffe Medical Press, Oxford
2. Litwin D, Rossi L (1995): *Laparoscopic management of pancreatic disease*. In: Arregui ME, Fitzgibbons RJ Jr, Katkhouda N, McKernan JB, Reich H (eds) Principles of Laparoscopic Surgery,

3. Litwin D, Taylor H (1996) *Laparoscopic management of pancreatic pseudocysts*. In: MacFadyen BV, Ponsky JL (eds) *Operative Laparoscopy and Thoracoscopy*, Lippincott Williams and Wilkins, PA
4. Litwin D, Rossi L (1996) *Laparoscopic gastrectomy and reconstruction*. In: Tooouli J, Gossot D, Hunter JG (eds) *Endosurgery*, Churchill Livingstone, New York, pp 381-390
5. Litwin DEM, Kelly JJ, Callery MP (1998) *Laparoscopic Surgery of the Spleen, Adrenal, and Pancreas*. In: Brooks DC (ed) *Current Review of Minimally Invasive Surgery 3<sup>rd</sup>*, Springer-Verlag, New York
6. Litwin DEM, Kelly JJ (1998) *Hand-Assisted Laparoscopic Gastrectomy* Smith & Nephew, Inc. (Cummins, MacFail, & Nutty, Inc.)
7. Kelly JJ, Sandor A, Litwin DEM (1999) *Hand-Assisted Laparoscopic Gastrectomy*. In: Eubanks S, Cohen RV, Younes RN, Brody F (eds) *Endosurgery for Cancer*, Landes Bioscience, TX
8. Litwin DEM, Willsher PC (1999): *Laparoscopy and Gastric Cancer: Perspective and Controversies*. In: Eubanks S, Cohen RV, Younes RN, Brody F (eds) *Endosurgery for Cancer*, Landes Bioscience, TX
9. Sugg SL, Litwin DEM (1999) *Laparoscopic Adrenal Surgery*. In: Eubanks S, Cohen RV, Younes RN, Brody F (eds) *Endosurgery for Cancer*, Landes Bioscience, TX
10. Litwin DEM, Novitsky Y, Kercher KW, Sandor A, Yood SM, Kelly JJ, Meyers WC, Gallagher KA (1999) *Hand-Assisted Laparoscopy Surgery*. In: Szabo Z, Lewis JE, Fantini GA, Savalgi RS (eds) *Surgical Technology International IX*, Universal Medical Press, CA, pp 43-46
11. Litwin DEM, Novitsky Y, Kercher KW, Sandor A, Yood SM, Kelly JJ, Beane RM, Ek S, Meyers WC, Gallagher KA (1999) *New Device for Hand-Assisted Laparoscopic Surgery* In: Szabo Z, Lewis JE, Fantini GA, Savalgi RS (eds) *Surgical Technology International IX*, Universal Medical Press, CA , pp 113-116
12. Yood SM, Litwin DEM (2000) *Laparoscopic Approach to Gastric Cancer*. In: Greene FL, Heniford BT (eds) *Minimally Invasive Cancer Management*, Springer-Verlag, New York
13. Sandor A, Litwin DEM, Conlan AA (2001) *Thoracoscopic Management of Pleural Disease*. In: Zucker KA (ed) *Surgical Laparoscopy 2<sup>nd</sup>*, Lippincott Williams & Wilkins, PA
14. Sandor A, Conlan AA, Rossi L, Litwin DEM (2001) *Thoracoscopic Lung Resection*. In: Zucker KA (ed) *Surgical Laparoscopy 2<sup>nd</sup>* . Lippincott Williams & Wilkins, PA
15. Czerniach DR, Novitsky YW, Litwin DEM (2002) *Hand-assisted Approach to Splenectomy*. In: Katkhouda N (ed). *Problems in General Surgery: Surgical Diseases of the Spleen*, Lippincott Williams & Wilkins, Philadelphia, PA
16. Kaban GK, Litwin DEM (In Press) *Hand-assisted Laparoscopic Surgery*. In: Gagne M, Assalia A, Schein (eds). *Controversies in Laparoscopic Surgery*
17. Kaban GK, Perugini RA, Czerniach DR, Litwin DEM (2004) *Pancreatic Pseudocyst Drainage*. In: Van Heerden J, Farley D (eds). *Operative Techniques in General Surgery*, Elsevier Inc.
18. Kaban GK, Czerniach DR, Novitsky YW, Litwin DEM. (2005) *Special Access Techniques in Laparoscopic Surgery*. In: Soper NJ, Swanstrom LL, Eubanks EW, editors. *Mastery of Endoscopic and Laparoscopic Surgery*. Philadelphia: Lippincott Williams and Wilkins
19. Litwin DEM, Sneider EB, McEnaney, PM, Busconi BD (2011) *Athletic Pubalgia (Sports Hernia)*. In: *Clinics in Sports Medicine*, Elsevier Inc.
20. Litwin DEM, Cahan Mitchell (2013) *Laparoscopic Adrenalectomy (Right and Left)*. In: *Atlas of Advanced Operative Surgery*, Elsevier, Inc.

21. Litwin Demetrius, Wang Lisa, Busconi Brian, Tuck Joshua (2014) *The Open, All-Suture Repair Technique for the Treatment of Athletic Pubalgia*. In: Sports Hernia and Athletic Pubalgia, Springer

#### Oral/Video/Poster Presentations

1. **Litwin DEM:** (Video) American Pediatric Association Annual Meeting, Laparoscopic Nissen Fundoplication in a seven month old infant. Colorado Springs, CO, May 1991.
2. **Litwin DEM, Johnson D:** (Poster) Society for American Gastro Endoscopic Surgeons Scientific Session, Postoperative respiratory function after laparoscopic cholecystectomy. Washington DC, Apr 1993.
3. Winckel C, **Litwin D**, Rossi L, Gallinger S: Laparoscopic Drainage of Pancreatic Pseudocysts. European Association of Endoscopic Surgeons, Luxembourg, June 1995.
4. Lieberman IH, Salo PT, **Litwin D**, Kraetschmer BG: (Video) Endoscopic BAK Lumbar Fusion in the Pig. 1996.
5. Lieberman IH, Salo PT, **Litwin D**, Kraetschmer BG: Two Level Anterior Endoscopic Transperitoneal BAK Lumbar Fusion. 1996.
6. Sandor A, Yood SM, Kelly JJ, **Litwin DEM:** Hand-Assisted Laparoscopic Splenectomy for Splenomegaly. SAGES Scientific Session, San Antonio, TX Sep 1999.
7. Yood SM, Kelly JJ, Sandor A, Saltzman JR, **Litwin DEM:** Hand-Assisted Laparoscopic Partial Gastrectomy. SAGES Scientific Session, San Antonio, TX Sep 1999.
8. The UMass International Surgical Study Group: Hand-Assisted Laparoscopic Surgery Using the Handport™ System. SAGES Scientific Session, San Antonio, TX Sep 1999.
9. Arous EJ, Kelly JJ, Yood SM, Sandor A, **Litwin DEM:** Hand-Assisted Laparoscopic Aortobifemoral Bypass. ACS Video Presentation, San Francisco, CA, October 1999.
10. Yood SM, Kelly JJ, Sandor A, Swanson RS, Roll S, Cohen R, **Litwin DEM.** (Video) Hand-Assisted Laparoscopic Splenectomy for Splenomegaly. SAGES March 2000.
11. Yood SM, Kelly JJ, Sandor A, Swanson RS, Roll S, Cohen R, **Litwin DEM.** Hand-Assisted Laparoscopic Splenectomy for Splenomegaly. 7<sup>th</sup> World Congress of Endoscopic Surgery, Singapore, June 2000.
12. **Litwin DEM.** Laparoscopic inguinal hernia repair. Presented at ACS. Chicago, IL, Oct 23, 2000.
13. **Litwin DEM,** Yood SM, Kelly JJ, Meyers WC. Hand-Assisted Laparoscopic Partial Gastrectomy. Presented at ACS. Chicago, IL, Oct 25, 2000.
14. Perugini R, Kercher K, Baker SA, Meyers W, **Litwin DEM,** Kelly JJ. (Oral) Laparoscopic Roux En-Y Gastric Bypass is Feasible in Super Obese Patients: Lessons Learned from Our Initial Series. New England Surgical Society, Boston, MA, Oct. 2000.
15. Perugini RA, Baker SA, **Litwin DEM,** Kelly JJ. (Poster) Laparoscopic Roux-en Y gastric bypass – Should it be contraindicated in the super-obese? SAGES Scientific Session 2001, St Louis, MO, April 16 – 18, 2001.
16. Novitsky YW, Kercher KW, Kelly JJ, Gallagher KA, Hussey V, **Litwin DEM.** Laparoscopic Nissen Fundoplication without a bougie: Outcome Analysis. SAGES 2001, St. Louis, MO, April 18-21, 2001.
17. Romanelli JR, Dahl DM, Blute RD, **Litwin DEM.** (Video) Laparoscopic Radical Retropubic Prostatectomy. SAGES 2001, St. Louis, MO, April 20, 2001.

18. Novitsky YW, Kamil S, Zaporozhan V, Vacanti CV, Vacanti MP, **Litwin DEM**. Morphologic Characteristics of Hepatic Spore-like Cells. New England Surgical Residents Research Day, Boston, MA, May 2001.
19. Novitsky YW, Kercher KW, Romanelli JR, Kelly JJ, Callery MP, **Litwin DEM**. Is use of an Esophageal Bougie Necessary for a Safe and Effective Laparoscopic Nissen Fundoplication? New England Surgical Residents Research Day, Boston, MA, May 2001.
20. Novitsky YW, Kercher KW, Romanelli JR, **Litwin DEM**. Benefits of Laparoscopic Adrenalectomy: a single institution experience from 1992-2001. European Association of Endoscopic Surgery, Maastricht, Netherlands, June 2001.
21. Novitsky YW, Romanelli JR, Perugini RA, Kelly JJ, **Litwin DEM**. Laparoscopic gastric bypass from super-obese patients. European Association of Endoscopic Surgery, Maastricht, Netherlands, June 2001.
22. Romanelli JR, Dahl DM, Blute RD, **Litwin DEM**. (Video) Laparoscopic Radical Retropubic Prostatectomy. European Association of Endoscopic Surgery, Maastricht, Netherlands, June 2001.
23. Romanelli JR, **Litwin DEM**. (Video) Laparoscopic Lumbar Hernia Repair. European Association of Endoscopic Surgery, Maastricht, Netherlands, June 2001.
24. Romanelli JR, Weaver JP, **Litwin DEM**. (Video) Laparoscopic-Assisted Anterior L4-L5 and L5-S1 Interbody Fusion. Video Presentation, European Association of Endoscopic Surgery, Maastricht, Netherlands, June 2001.
25. Novitsky YW, Kercher KW, Romanelli JR, Kelly JJ, Callery MP, **Litwin DEM**. Is the use of an esophageal bougie necessary for a safe and effective laparoscopic Nissen Fundoplication. New England Surgical Society, Providence, RI, September 2001.
26. L'Esperance JO, Trainer AF, Ayvazian P, Blute RD, Gallagher KA, **Litwin DEM**, Dahl DM. Laparoscopic vs Open Donor Nephrectomy: A Comparison of Recipient Outcomes. AUA New England Section Annual Meeting, Boston, MA, October 2001.
27. Kercher KW, Matthews BD, **Litwin DEM**, Novitsky YW, Park A, Heniford BT. Safety and Efficacy of Laparoscopic Adrenalectomy for Pheochromocytoma. Southern Medical Association, Nov 2001.
28. Czerniach DR, Novitsky YW, Perugini RA, Kelly JJ, Schmidt RC, **Litwin DEM**. (Poster) Effects of Image Variables on Videoscopic Task Performance. SAGES, New York, NY, March 13-16, 2002.
29. Novitsky YW, Czerniach DR, **Litwin DEM**, Kercher KW, Gallagher KA, Yood SM, Griffey S, Callery MP, Kelly JJ. (Poster) Prospective Randomized Blinded Trial of Mini-port vs Conventional Cholecystectomy. Oral Presentation at SAGES 2002, New York, NY, March 13-16, 2002.
30. Novitsky YW, Kercher KW, Czerniach DR, Perugini RA, Kelly JJ, **Litwin DEM**. (Poster) Feasibility of laparoscopic adrenalectomy for large adrenal masses. Poster Presentation at SAGES 2002, New York, NY, March 13-16, 2002.
31. Novitsky YW, Czerniach DR, Perugini RA, Yood SM, Kercher KW, Gallagher KA, Callery MP, **Litwin DEM**, Kelly JJ. (Poster) Prospective randomized trial of miniport vs conventional laparoscopic cholecystectomy. Society for Surgery of the Alimentary Tract. San Francisco, CA, May 2002.
32. Perugini RA, Czerniach DR, Novitsky YW, **Litwin DEM**, Kelly JJ. (Poster) Laparoscopic Roux en-Y gastric bypass in Super-and Suprusuper-obese patients: results from our initial series of 137 patients. Society for Surgery of the Alimentary Tract. San Francisco, CA, May 2002.
33. Czerniach DR, Novitsky YW, Perugini RA, **Litwin DEM**, Kelly JJ. (Poster) Avoidance of Simultaneous Cholecystectomy in Laparoscopic Bariatric Surgery: A Case for Conservative Management. Poster Presentation at ASBS – 19<sup>th</sup> Annual Meeting, Las Vegas, NV, June 24 – 28, 2002.

34. Novitsky YW, Czerniach DR, Perugini RA, Gallagher KA, Kelly JJ, **Litwin DEM**. (Poster) Impact of laparoscopic adrenalectomy: a 10-year experience of a single institution. Mass Chap of ACS. Newton, MA, December 2002.
35. Novitsky YW, Czerniach DR, Perugini RA, Gallagher KA, Kelly JJ, **Litwin DEM**. (Poster) Impact of laparoscopic adrenalectomy: a 10-year experience of a tertiary care University hospital. SAGES. Los Angeles, CA, March 12-15, 2003.
36. Kelly JJ, Perugini RA, Czerniach DR, Kaban GK, Mason R, **Litwin DEM**. (Poster) Where have all the strictures gone? A single surgeon's experience with decreasing gastrojejunal stricture rates in laparoscopic gastric bypass. Presentation at SAGES in Los Angeles, CA, March 2003.
37. Kaban GK, Czerniach DR, **Litwin DEM**. (Poster) Use of laparoscopic hand-assist device for accessory splenectomy. Poster Presentation SAGES Los Angeles, CA, March 2003.
38. Czerniach DR, Novitsky YW, Perugini RA, Kercher KW, Matthews BD, Heniford BT, Kelly JJ, **Litwin DEM**. (Oral) Advantages of laparoscopic transabdominal preperitoneal (TAPP) herniorrhaphy in the evaluation and management of clinically misdiagnosed inguinal herniae. SAGES, Los Angeles, CA, March 2003.
39. Novitsky YW, Czerniach DR, Kaban GK, Pais V, Perugini RA, Kelly JJ, **Litwin DEM**. (Poster) Decreased serum cytokine release in response to hand-assisted vs open surgery in a porcine model. Poster presentation at SSAT, Orlando, FL, May 2003.
40. Kaban GK, Czerniach DR, Yood SM, Cohen R, Kelly JJ, **Litwin DEM**. (Oral) Hand-Assisted Splenectomy in the setting of splenomegaly. European Assoc of Endoscopic Surgeons, Glasgow, Scotland, June 16 – 18, 2003.
41. Kaban GK, Czerniach DR, Schmidt RC, Taylor M, Novitsky YW, Perugini R, Kelly J, **Litwin DEM**. (Poster) Optimizing Laparoscopic Task Efficiency: Surgeon Handedness and the Role of Camera and Monitor Positions. Society of Laparoscopic Surgeons, Las Vegas, NV, September 22 – 25, 2003.
42. Novitsky YW, Czerniach DR, Kaban GK, Wheeler SM, Gallagher KA, Perugini RA, Kelly JJ, **Litwin DEM**. (Oral) Decreased activation of peritoneal macrophages following hand-assisted versus open surgery in a porcine model. SAGES, Denver, CO, March 31 – April 3, 2004.
43. Kaban GK, Perugini RA, Novitsky YW, Czerniach DR, Angood PB, Kelly JJ, **Litwin DEM**. (Oral) Can Laparoscopy eliminate unnecessary laparotomies in penetrating blunt trauma? SAGES, Denver, CO, March 31 – April 3, 2004.
44. Kaban GK, Novitsky YW, Czerniach DR, Wheeler SM, Gallagher KA, Perugini RA, Kelly JJ, **Litwin DEM**. (Poster) Peritoneal pH changes following hand-assisted, laparoscopic and open nephrectomy in a porcine model. SAGES, Denver, CO, March 31 – April 3, 2004.
45. Sandor A, Czerniach DR, McEnaney P, Haveran LA, Perugini RA, **Litwin DEM**, Kelly JJ. Avoidance of selective coincident cholecystectomy in patients undergoing laparoscopic bariatric surgery. Society of American Gastrointestinal Endoscopic Surgeons (SAGES) 2005 Scientific Session, Ft. Lauderdale, Florida, April 13-16, 2005.
46. McEnaney P, Perugini RA, Sandor A, Haveran LA, Czerniach DR, **Litwin DEM**, Kelly JJ. Is resolution of hypertension following laparoscopic gastric bypass related to insulin resistance? Society of American Gastrointestinal Endoscopic Surgeons (SAGES) 2005 Scientific Session, Ft. Lauderdale, Florida, April 13-16, 2005.
47. Haveran L, McEnaney PM, Sandor A, Czerniach DR, Perugini RA, **Litwin DEM**, Kelly JJ. Resolution of hypertension and diabetes following laparoscopic adjustable gastric banding. Presented before the " Society of American Gastrointestinal Endoscopic Surgeons (SAGES) 2005 Annual Meeting", Ft. Lauderdale, FL. April 13 -16, 2005.

48. Sandor A, McEnaney P, Haveran LA, Perugini RA, Czerniach DR, **Litwin DEM**, Kelly JJ. Small bowel obstruction following laparoscopic Roux en-Y gastric bypass. Lessons learned from 714 cases. Society for Surgery of the Alimentary Tract (SSAT) 46th Annual Meeting, Chicago, IL, May 14-19 2005.
49. Sandor A, McEnaney P, Haveran LA, Perugini RA, Czerniach DR, **Litwin DEM**, Kelly JJ. Gone in 60 Minutes. Antecolic/Antegastric Laparoscopic Roux en-Y Gastric Bypass. 13th International Congress of the European Association for Endoscopic Surgery (EAES), Venice, Italy, June 1-4, 2005.
50. Haveran LA, McEnaney P, Sandor A, Czerniach DR, Kelly JJ, Baker S, **Litwin DEM**, Perugini RA. An Argument for Metabolic Evaluation of Bariatric Surgery Patients. 13th International Congress of the European Association for Endoscopic Surgery (EAES), Venice, Italy, June 1-4, 2005.
51. Haveran L, McEnaney P, Sandor A, Czerniach D, Kelly JJ, Baker S, **Litwin DEM**, Perugini R. An argument for metabolic evaluation of bariatric surgery patients. Presented before the "13<sup>th</sup> International Congress of the European Association for Endoscopic Surgery (EAES) 2005 Meeting, Venice, Italy, June 1-4, 2005.
52. Zayaruzny M, Haveran L, Malone S, Baker SP, **Litwin DEM**. Outcomes of Open vs. Laparoscopic Appendectomy in the United States, 1998-2002. (Oral Presentation) 86<sup>th</sup> Annual New England Surgical Society (NESS) 2005 Meeting, Bretton Woods, NH, Sept 30 – Oct 2, 2005.
53. Haveran L, Felsher J, Freeman V, Czerniach D, Perugini R, **Litwin D**, Kelly J. Laparoscopic Adjustable Gastric Banding: The Good & the Bad. (Poster Presentation) SAGES 2006 Meeting, Dallas, TX, April 26 – 29, 2006.
54. Felsher J, Haveran L, Freeman V, Mason R, Perugini R, Czerniach D, Kelly J, **Litwin D**. Symptomatic Bradycardia following Surgical Weight Loss. (Poster Presentation) SAGES 2006 Meeting, Dallas, TX, April 26 – 29, 2006.
55. Perugini RA, Quarfordt S, Czerniach D, Mitchell C, Kelly JJ, **Litwin DE**. Metabolic Characterization of Non-Diabetic Severely Obese Patients Undergoing Gastric Bypass; Preoperative Classification Predicts the Effects of Surgery on Insulin-Glucose Homeostasis; SSAT 2006 Meeting, Los Angeles, CA, May 20 – 24, 2006.
56. Haveran LA, Felsher J, Freeman V, McEnaney P, Czerniach DR, Perugini RA, **Litwin DEM**, Kelly JJ. Laparoscopic Adjustable Gastric Banding and Laparoscopic Roux-en-Y Gastric Bypass: Comparison of Weight Loss and Complications. ASBS 2006 Meeting, San Francisco, CA, June 26 – July 1, 2006.
57. Perugini R, Freeman V, Felsher J, Czerniach D, **Litwin DEM**, Kelly J. Degree of Weight Loss is not Correlated with Improvement in Insulin Resistance Following Gastric Bypass in the Severely Obese (Oral Presentation) NESS 2006 Meeting, Groton, CT, September 15-17, 2006.
58. Hill JS, Haveran LA, McPhee JT, Anderson FA, **Litwin DE**, Perugini RA. Anti-Reflux Surgery Reduces the Prevalence of Esophageal Cancer – A National Survey. NESS 2006 Meeting, Groton, CT, September 15 – 17, 2006.
59. Singla A, Ng SC, Hart J, Csikesz NG, Perugini RA, **Litwin DEM**, Tseng JF, Shah SA. Is the growth in laparoscopy reproducible with more complex procedures? Academic Surgical Congress. Fort Meyers, FL, February 2009.
60. Singla A, Ng SC, Csikesz NG, Hart J, Perugini RA, **Litwin DEM**, Tseng JF, Shah SA. Not following the Trend: Slow Growth of Complex Laparoscopic Procedure in the United States. SAGES. Phoenix, AZ, April 2009.
61. Sharuk M, Wiseman J, Singla A, Tseng JF, **Litwin DEM**, Shah SA. Use of Cholecystostomy Tubes in the Management of Acute Cholecystitis. New England Surgical Society. Newport, RI. September, 2009.



62. Wiseman J, Sharuk M, **Litwin DEM**, Cahan M, Tseng JF, Shah SA. Surgical Management of Acute Cholecystitis in the Modern Era. New England Surgical Society. Newport, RI, September 2009.
63. **Litwin DEM**. Small Bowel Injuries – what must a resident know. International Congress of Endoscopic Surgery Vera Cruz, Mexico. May 5, 2016.
64. **Litwin DEM**. POEM vs. Heller Pro's and Cons. International Congress of Endoscopic Surgery, Vera Cruz, Mexico. May 6, 2016.
65. **Litwin DEM**. Small Bowel Lesions – Minimally Invasive Diagnosis and Treatment. International Congress of Endoscopic Surgery, Vera Cruz, Mexico. May 6, 2016.
66. **Litwin DEM**. Surgical Decision Making in a Low Resource Environment-A Change in Mindset. American College of Surgeons, Green Chapter, Pikermi Attikis Greece. May 26, 2017
67. **Litwin DEM**. The Chairs Perspective our Imperative to Support Global Surgical Collaboratives. International College of Surgeons Annual Meeting, Seattle, Washington, June 15, 2017.

### **Abstracts**

1. **Litwin D**, Rossi L: Emergency Laparoscopy. 4<sup>th</sup> World Congress of Endoscopic Surgery, Kyoto, Japan.
2. **Litwin DEM**, Duke T, Gallagher JA, Southerland L, Crone LA, Ferguson JG: Cardiopulmonary effects of abdominal insufflation in pregnancy: Fetal and maternal parameters in the sheep model. 4<sup>th</sup> World Congress of Endoscopic Surgery, Kyoto, Japan.
3. Inglis FG, Rusnak CH, **Litwin DEM**: Results of gastroplasty operations in Saskatchewan. National Conference on Nutrition, Ottawa, Ontario, 1983.
4. Inglis FG, Rusnak CH, **Litwin DEM**: Surgical management of morbid obesity in Saskatchewan. National Conference on Nutrition, Ottawa, Ontario, 1983.
5. **Litwin DEM**, Taylor BR, Langer B, Greig P: Wide unroofing is the treatment of choice for non-parasitic hepatic cysts. Clinical and Investigative Medicine 1985: 8: pp. A107.
6. **Litwin DEM**, Taylor BR, Langer B, Greig P: Wide unroofing is the treatment of choice for non-parasitic hepatic cysts. Royal College of Physicians and Surgeons of Canada, Vancouver, British Columbia, 1985.
7. **Litwin DEM**, Rossi L, Rivers L, Ganguli S, Miller G: Laparoscopic cholecystectomy in 16 cases of acute cholecystitis. Canadian Association of Clinical Surgeons, Western Division, Regina, Saskatchewan, 1991.
8. **Litwin DEM**, Rossi L, Rivers L, Ganguli S, Miller G: Laparoscopic cholecystectomy – Saskatoon City Hospital Experience with 200 consecutive cases: Canadian Association of Clinical Surgeons, Western Division, Regina, Saskatchewan, 1991.
9. Lepp EK, Wilkinson A, Bigsby RJ, **Litwin DEM**, Matte GG: 201 Thallium and 99mTc(V) DMSA imaging in medullary carcinoma of the thyroid gland. Conjoint meeting of the Society of Nuclear Medicine in Canada and Prairie Provinces Chapter in Banff. Banff, Alberta, 1991.
10. **Litwin D**, Johnson D, Osachoff, Gallagher, Church D: Respiratory function after laparoscopic cholecystectomy. Poster Presentation SAGES Scientific Session, Washington DC, Apr 1992.

11. **Litwin DEM**, Johnson D: Respiratory function after laparoscopic cholecystectomy. 3<sup>rd</sup> World Congress of Endoscopic Surgery, Bordeaux, France, June 1992.
12. **Litwin DEM**, Johnson D, Osachoff J, Gallagher C: Post Op respiratory function after laparoscopic cholecystectomy. Surgical Endoscopy, 1992.
13. **Litwin DEM**: ERCP and ES in piglets: A teaching model. Annual Congress of Canadian Society for Endoscopic and Laparoscopic Surgery, Ottawa, Ontario, 1992.
14. **Litwin DEM**, Rossi L: Laparoscopic Taylor Procedure: Submucosal saline in 1:200,000 epinephrine infiltration simplifies seromyotomy. Congress of the Canadian Society for Endoscopic and Laparoscopic Surgery, Ottawa, Ontario, 1992.
15. Arregui M, **Litwin D**, Ferguson J. The pig as an animal model for endoscopic retrograde cholangiopancreatography. 28<sup>th</sup> World Congress of the International College of Surgeons, Cairo, Egypt.
16. Worobetz LJ, **Litwin DEM**: Laparoscopic Nissen Fundoplication for the treatment of chronic gastroesophageal reflux disease (GERD). Canadian Transplant Society, Whistler, British Columbia. Tissue Transplantation 1993.
17. Southerland S, McKerrell J, Remedios A, **Litwin DEM**: Laparoscopic approach to the lumbar spine. Canadian Orthopaedic Association/Canadian Orthopaedic Research Society, Winnipeg, Manitoba, 1994.
18. Ferguson JG, **Litwin D**, Duke T, Accioly-Gollagher J, Southerland L, Crone L, Rossi L. Cardiopulmonary Effects of Abdominal Insufflation in Pregnancy: Fetal and Maternal Parameters in the Sheep Model. Society of American Gastrointestinal Endoscopic Surgeons, Nashville, TN, April 16-19, 1994.
19. **Litwin D**, Duke T, Accioly-Gollagher J, Southerland L, Crone L, Rossi L Ferguson JG, Cardiopulmonary Effects of Abdominal Insufflation in Pregnancy: Fetal and Maternal Parameters in the Sheep Model. Proceedings of the 4<sup>th</sup> World Congress of Endoscopic Surgery, Kyoto, Japan, June 16-19, 1994.
20. Southerland L, Duke T, Accioly-Gollagher J, Crone LA, Rossi L, Ferguson JG, **Litwin D**, Cardiopulmonary Effects of Abdominal CO<sub>2</sub> Insufflation in Pregnancy: Fetal and Maternal Parameters in the Sheep Model. Proceedings of the 26<sup>th</sup> Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, Richmond, Virginia, May 11-14, 1994.
21. Lieberman IH, Salo PT, **Litwin D**, Endoscopic anterior lumbar fusion for degenerative disc disease. Technique and preliminary results. Canadian Orthopedic Association, Halifax, Nova Scotia. Journal Bone Joint Surgery, Orthopedic Transactions 77-B: pp308, 1995.
22. Ferguson J, Muehlbauer M, **Litwin D**, Losert U. Experimental laparoscopic and thoracoscopic procedures in the pig: A pilot study involving intervertebral disc removal, spinal interbody fusion with carbon fiber cage, Iliac bone graft, plates and screws. Annual Meeting of Veterinarian Orthopedic Society, Whistler, 1995.
23. Sanabria JR, **Litwin D**, Koo J, Rossi L, Menta TG, Strasberg SM, Gallinger S. Risk factors for postoperative complications after laparoscopic Cholecystectomy. Annual Meeting of the Society for Surgery of the Alimentary Tract, May 19-22, 1996.
24. Sanabria JR, Rossi L, Strasberg SM, Koo J, Gallinger S, **Litwin D**: Causes and risk factors for postoperative abdominal pain after laparoscopic cholecystectomy. 65<sup>th</sup> Annual Meeting of the Royal College of Physicians and Surgeons of Canada. Halifax, Nova Scotia, Sept 25-29, 1996.
25. **Litwin D**. Laparoscopic Splenectomy: Preliminary Outcome. 65<sup>th</sup> Annual Meeting of the Royal College of Physicians and Surgeons of Canada. Halifax, Nova Scotia, Sept 25-29, 1996.

26. **Litwin D**, Rossi L: Laparoscopic cholecystectomy in the elderly. SAGES, 5<sup>th</sup> World Congress of Endoscopic Surgery, Philadelphia, PA, 1996.
27. **Litwin D**, Rossi L, Arregui M, Petelin J, Ferguson J: ERCP in a pig model. SAGES, 5<sup>th</sup> World Congress of Endoscopic Surgery, Philadelphia, PA, 1996.
28. Lieberman IH, **Litwin DEM**, Salo PT, Kraetschmer BG: Anterior interbody fusion using the BAK devise: Pitfalls and complications. Canadian Orthopedic Association, Quebec City, Quebec. Journal of Bone and Joint Surgery, Orthopedic Transactions 1996.
29. Rossi L, **Litwin D**: Laparoscopic Partial splenectomy for Congenital Spherocytosis in an Infant – Report of New Technique. SAGES, 5<sup>th</sup> World Congress of Endoscopic Surgery, Philadelphia, PA, 1996.
30. Tandan VR, **Litwin D**, Gallinger S, Asch M, Margolis M: Laparoscopic Hepatic Cryosurgery: Experimental Observations and case report. SAGES, 5<sup>th</sup> World Congress of Endoscopic Surgery, Philadelphia, PA, 1996.
31. Petrasek PF, Rubin BB, **Litwin D**: Laparoscopic subfascial perforator vein ligation: Use of a small diameter camera with miniature skin incisions. Intn'l Endovascular Symposium, 1996.
32. Greenspun D, Willsher PC, Sanabria J, Pham Q, Gallinger S, **Litwin D**: Comparison of Laparoscopic and Open Splenectomy. Society of American Gastrointestinal and Endoscopic Surgeons, San Diego, California, March 1997. Abstract: Surgical Endoscopy 1997, 11:199.
33. Temple LK, **Litwin DE**, McLeod RS. A meta-analysis of laparoscopic versus open appendectomy in patients suspected of having acute appendicitis. Royal College of Physicians and Surgeons Annual Meeting, 1997.
34. Willsher PC, Lieberman I, Salo P, **Litwin DEM**, Kraetschmer BG, Greenspun D: Transperitoneal Laparoscopic Exposure for Lumbar Interbody Fusion. Book of Abstracts of the Combined Meeting of the Orthopaedic Associations of the English Speaking World. Auckland, New Zealand, Feb 1998.
35. Willsher P, Lieberman I, **Litwin D**, Salo P, Greenspun D: Exposure related aspects of a laparoscopic approach to multiple level spinal fusion. 10<sup>th</sup> Combined Orthopaedic Meeting, Auckland, New Zealand, Feb 1998.
36. Yood SM, Dahl DM, Sandor A, Kumar S, **Litwin DEM**: Hand-Assisted Laparoscopic Donor Nephrectomy Decreases Warm Ischemia Time. American Urological Association, Inc. #1767, Nov 1998.
37. Dahl DM, Yood SM, Sandor A, Kumar S, **Litwin DEM**: Hand-Assisted Laparoscopic Donor Nephrectomy: A New Approach to Decrease Warm Ischemia Time. American Urological Association, Inc. #1793, Nov 1998.
38. Yood SM, Dahl D, Kelly JJ, Sandor A, **Litwin DEM**. Hand-Assisted Laparoscopic Donor Nephrectomy Decreases Warm Ischemia Time, Society for Laparoscopic Surgeons, Dec 1999.
39. Novitsky YW, Kercher KW, Kelly JJ, Gallagher KA, Hussey VH, **Litwin DEM**. Laparoscopic Nissen Fundoplication without a bougie: Outcome analysis. Surgical Endoscopy 2001; 15:S150 SAGES 2001, St. Louis, MO, April 18 –21, 2001.
40. Pais V, Jr., Dahl D, Trainer A, Mobley J, Gallagher K, **Litwin D**, Blute R. Evaluation of Surgical Margins Achieved by Laparoscopic Radical Prostatectomy. Surgical Forum, Vol. 52, 2001. American College of Surgeons, New Orleans, LA.
41. Novitsky YW, Kercher KW, Romanelli JR, **Litwin DEM**, Benefits of Laparoscopic Adrenalectomy: A Single Institution Experience from 1992 – 2001. EAES Annual Meeting, Maastricht, The Netherlands, June 13-16, 2001, Surgical Endoscopy 2001.

42. Novitsky YW, Romanelli JR, Perugini RA, Kelly JJ, **Litwin DEM**. Laparoscopic Gastric Bypass for Superobese Patients. EAES Annual Meeting, Maastricht, The Netherlands, June 13-16, 2001, Surgical Endoscopy 2001.
43. Novitsky YW, Kercher KW, Romanelli JR, Kelly JJ, Callery MP, **Litwin DEM**. Is the Use of an Esophageal Bougie Necessary for a Safe and Effective Laparoscopic Nissen Fundoplication? Current Surgery 2001.
44. Novitsky YW, Kercher KW, Czerniach DR, Perugini RA, Kelly JJ, **Litwin DEM**. Feasibility of Laparoscopic Adrenalectomy for large adrenal masses. SAGES 2002 Scientific Session, New York, NY, March 16, 2002.
45. McPhee JT, Zayaruzny M, Whalen GF, **Litwin DE**, Sullivan ME, Anderson FA, Tseng, JF. Cancer of the gallbladder: National Patterns of surgical intervention. Gastroenterology 2006 Apr;130(4): A857-A857 Suppl. 2.
46. McPhee JT, Zayaruzny M, Whalen GF, **Litwin DE**, Sullivan ME, Anderson FA, Tseng JF. Pancreatectomy for neoplasm: National outcomes in mortality, ASCO Annual Meeting 2006, Atlanta, GA, June 2 – 6, 2006, Journal of Clinical Oncology 2006.
47. Hurwitz ZM, McPhee JT, Hill JS, Whalen GE, Sullivan ME, **Litwin DE**, Anderson FA, Tseng, JF. Biliary tract cancer: Factors associated with surgical resection and perioperative mortality. Gastroenterology 2007 Apr;132(4):A846-A846 Suppl. 2.
47. Smith JK, Hill JS, McPhee JT, Adhikari D, Whalen GF, Sullivan ME, **Litwin DE**, Anderson FA, Tseng, JF. National trends in palliative resection for gastric cancer. Gastroenterology 2007 Apr;132(4):A892-A893 Suppl. 2.
48. Friedrich AU, Baratta KP, Lewis J, Karam AR, Hudlin M, **Litwin DE**, Cahan MA. Cholecystostomy Treatment in an ICU Population: Complications and Risks. Surg Laparosc Endosc Percutan Tech. 2016 Oct;26(5):410-416.
49. Sneider EB, Lewis J, Friedrich A, Baratta K, Whitman M, Li Y, Biswas M, **Litwin DE**, Cahan MA. Timing and choice of intervention influences outcome in acute cholecystitis: a prospective study. Surg Laparosc Endosc Percutan Tech. 2014Oct;24(5):4149.doi10.1097/SLE. 0000000000000075.
50. Cherng N, Witkowski ET, Sneider EB, Wiseman JT, Lewis J, **Litwin DE**, Santry HP, Cahan M, Shah SA. Use of cholecystostomy tubes in the management of patients with primary diagnosis of acute cholecystitis. J Am Coll Surg. 2012 Feb;214(2):196-201. doi: 10.1016/j.jamcollsurg.2011.11.005. Epub 2011 Dec 21.
51. Cui H, Kelly JJ, **Litwin DE**. Single-incision laparoscopic cholecystectomy using a modified dome-down approach with conventional laparoscopic instruments. Surg Endosc. 2012 Apr;26(4):1153-9. doi: 10.1007/s00464-011-1985-6. Epub 2011 Nov 15.
52. Cahan MA, Starr S, Larkin AC, **Litwin DE**, Sullivan KM, Quirk ME. Transforming the culture of surgical education: promoting teacher identity through human factors training. Arch Surg. 2011 Jul;146(7):830-4. doi: 10.1001/archsurg.2011.157.
53. Orenstein SB, Kaban GK, **Litwin DE**, Novitsky YW. Evaluation of serum cytokine release in response to hand-assisted, laparoscopic, and open surgery in a porcine model. Am J Surg. 2011 Jul;202(1):97-102. doi: 10.1016/j.amjsurg.2010.09.026.
- 54.

#### **Scientific Presentations/Invited Professorships**

1. Greater Victoria Hospital, 1. Preceptor, 2. Laparoscopic Cholecystectomy. Victoria, British Columbia, 1990.
2. Melfort Union Hospital, 1. Preceptor, 2. Laparoscopic Cholecystectomy. Melfort, Saskatchewan, 1990.
3. Visiting Professor - MSA, 1. Preceptor, 2. Laparoscopic Hernia Repair, 3. Laparoscopic Left Hemicolectomy, 4. Laparoscopic Nissen Fundoplication. Abbotsford, British Columbia, 1991.
4. Visiting Professor - Vancouver General Hospital and Royal Jubilee Hospitals, 1. Preceptor, 2. Laparoscopic Hernia Repair, 3. Laparoscopic Nissen Fundoplication, 4. Laparoscopic Taylor Procedures. Victoria, British Columbia, 1991.
5. Visiting Professor - Hospital St. Luc, Universite de Montreal, 1. Preceptor, 2. Laparoscopic Taylor. Montreal, Quebec, 1991.
6. North York Branson Hospital, Annual Clinic Day, Current Management of Gallstone Diseases. Toronto, Ontario, Nov. 1989.
7. University of Saskatchewan, 4<sup>th</sup> Annual Highlights in Medicine Conference, GI Endoscopy: Current roles. Saskatoon, Jun 1989.
8. Department of Community Health and Epidemiology: Screening: Clinical epidemiology and prevention: A Conference for Physicians. Saskatoon, Saskatchewan, Apr 1990.
9. 1990 Canadian Society of Laboratory Technologists National Congress: Hepatic Transplantation. Saskatoon, Saskatchewan, Jun 1990.
10. Course: Laparoscopic Cholecystectomy: Laval University, Quebec City, Quebec, Aug 1990.
11. Recent Advances in Medicine, Treatment of Gallstones in the 90's: The pill, the knife or the wave. University of Saskatchewan, Saskatoon, Saskatchewan, Nov 1990.
12. Course: Laparoscopic Cholecystectomy. University of Western Ontario, London, Ontario, Nov 1990.
13. Prince Albert District Medical Society Meeting, Investigation and Management of Biliary Tract Diseases. Prince Albert, Saskatchewan, Dec 1990.
14. Tri-Hospital City Wide Rounds, Regina General Hospital, Laparoscopic Cholecystectomy. Regina, Saskatchewan, Dec 1990.
15. Course: Laparoscopic Cholecystectomy. University of Sherbrooke, Sherbrooke, Quebec, Dec 1990.
16. Course: Laparoscopic Cholecystectomy. Laval University, Quebec City, Quebec, Jan 18-19, 1991.
17. Greater Victoria Hospital, Laparoscopic Cholecystectomy. Victoria, British Columbia, Feb 1991.
18. North Battleford and District Medical Society Meeting, Laparoscopic Cholecystectomy. North Battleford, Saskatchewan, Feb 1991.
19. Course: Laparoscopic Cholecystectomy: University of British Columbia, Vancouver, British Columbia. Mar 1991.
20. Course: Laparoscopic Cholecystectomy: University of Edmonton, Edmonton, Alberta, Mar 1991.
21. Annual Meeting of the Alberta Association of General Surgeons, Laparoscopic Cholecystectomy: Banff, Alberta, Apr 1991.
22. Course: Laparoscopic Cholecystectomy. Saskatoon, Saskatchewan, Apr 1991.

23. Course: Laparoscopic Cholecystectomy: Dalhousie University, Halifax, Nova Scotia, Apr 1991.
24. Course: Laparoscopic Cholecystectomy. University of British Columbia, Vancouver, British Columbia, May 1991.
25. 6<sup>th</sup> Annual Highlights in Medicine, College of Medicine Alumni Association, University of Saskatchewan, Laparoscopic Cholecystectomy. Saskatoon, Saskatchewan, Jun 1991.
26. Course: Laparoscopic Cholecystectomy. Montreal, Quebec, Jun 1991.
27. Royal College of Physicians and Surgeons, Laparoscopic Cholecystectomy: TransCanada experience with 2201 cases. Quebec City, Quebec, Sep 1991.
28. 7<sup>th</sup> Annual Surgical Update, University of British Columbia, Department of Surgery Laparoscopic Biliary Tract Surgery. Vancouver, British Columbia, Nov 1991.
29. International Minimal Access Surgery Symposium, Laparoscopic Cholecystectomy: TransCanada experience with 2201 cases. Kansas City, Kansas, Nov 1991.
30. Course: Laparoscopic Cholecystectomy. Vancouver, British Columbia, Nov 1991.
31. University of Calgary, 1. Course Director, 2. Difficult Cholecystectomy, 3. Laparoscopic Appendectomy, 4. Laparoscopic Inguinal Hernia Repair. Calgary, Alberta, March 1992.
32. Nanaimo Regional Hospital, Laparoscopic Surgery in the 90's. Nanaimo, British Columbia, May 1992.
33. Visiting Professor - Grand Rounds, Vancouver General Hospital. Laparoscopic Surgery in the 90's. Vancouver, British Columbia, May 1992.
34. Visiting Professor - Grand Rounds, St. Paul's Hospital, Laparoscopic Surgery in the 90's. Vancouver, British Columbia, May 1992.
35. Surgical Rounds at Victoria Regional Hospital, Laparoscopic Surgery in the 90's. Victoria, British Columbia, May 1992.
36. 11<sup>th</sup> Congress of Surgeons Italy, Laparoscopic Inguinal Hernia Repair. Terrasini, Italy, Jun 1992.
37. 1<sup>st</sup> European Meeting of Hospital Surgeons, Laparoscopic Inguinal Hernia Repair. Terrasini, Italy, Jun 1992.
38. 3<sup>rd</sup> World Congress of Endoscopic Surgery, Performing ERCP in an animal model. Bordeaux, France, Jun 1992.
39. 1<sup>st</sup> International "Hands-On" Therapeutic ERCP Conference, Intraoperative ERCP, Bordeaux, France, Jun 1992.
40. University of British Columbia, 1. Course Director, 2. Difficult Cholecystectomy, 3. Laparoscopic Colon Resection, 4. Laparoscopic Hernia Repair. Vancouver, British Columbia, Jun 1992.
41. Visiting Professor, Royal Alexandra Hospital, Laparoscopic Surgery in the 90's. Vancouver, British Columbia, Jun 1992.
42. Upper Gastrointestinal Surgery Symposium on Laparoscopic Upper GI Surgery at Royal College of Physicians Meeting, Hiatus Hernia Repair. Ottawa, Ontario, Sep 1992.
43. 2<sup>nd</sup> Annual Congress of the Canadian Society for Endoscopic and Laparoscopic Surgery, Laparoscopic Inguinal Herniorrhaphy. Ottawa, Ontario, Sep 1992.

44. Universite de Montreal, 1. Laparoscopic Sigmoid Resection, 2. Laparoscopic Taylor Procedure. Montreal, Quebec, Sep 1992.
45. McGill University, 1. Laparoscopic Taylor Procedure, 2. Laparoscopic Sigmoid Resection. Montreal, Quebec, Sep 1992.
46. 79<sup>th</sup> Annual Congress of the American College of Surgeons, Elective Laparoscopic Cholecystectomy. New Orleans, Louisiana, Oct 1992.
47. SAMRT 50<sup>th</sup> Anniversary Annual General Conference, Endoscopic Cholecystectomy. Saskatoon, Saskatchewan, Oct 1992.
48. University of California, 1. Laparoscopic Common Bile Duct Exploration, 2. Laparoscopic Inguinal Hernia Repair, 3. Laparoscopic Nissen Fundoplication, 4. Laparoscopic Pediatric Surgery. San Francisco, California, Oct 1992.
49. American College of Surgeons - 78<sup>th</sup> Annual Clinical Congress, Elective Laparoscopic Cholecystectomy. New Orleans, Louisiana, Oct 1992.
50. International Minimal Access Surgery Symposium, 1. Laparoscopic Hernia Repair, 2. Laparoscopic Pediatric Surgery. Kansas City, Kansas, Nov 1992.
51. XXVIII World Congress of the International College of Surgeons, Laparoscopic Bowel Surgery. Cairo, Egypt, Nov 1992.
52. Laval University, Advanced Laparoscopic Surgery and Therapeutic ERCP. Quebec City, Quebec, Nov 1992.
53. Valley Presbyterian Hospital, Faculty: O. R. Teaching. Van Nuys, California, Jan 1993.
54. Lebanese Order of Physicians/Lebanese Surgical Society, 1. Inguinal Hernia Repair, 2. Taylor Procedure, 3. Faculty: O. R. Teaching. Beirut, Lebanon, Feb 1993.
55. Colegio Brasileiro de Cirurgioes, Hernioplastia Inguinal Laparoscopica. Goiania, Brazil, Feb 1993.
56. Associazione Chirurghi Ospedalieri Italiani, 1. Gastrectomia Totale, 2. Cisto-gastrostomia per pseudocisti pancreatica, 3. Perforazione G.D., 4. Invited Panelist. Rimini, Italy, May 1993.
57. Colegio Brasileiro de Cirurgioes, 1. Panel: The Laparoscopic Management of the Sclerotropic Gallbladder, 2. Difficult Cholecystectomy: When to convert?. Rio de Janeiro, Brazil, Jul 1993.
58. Canadian Society of Laparoscopic and Endoscopic Surgery, Laparoscopic Gastrectomy. Vancouver, British Columbia, Sep 1993.
59. Canadian Association of General Surgeons, Laparoscopic Transabdominal Preperitoneal Hernia (TAPP) Repair. Vancouver, British Columbia, Sep 1993.
60. 16<sup>th</sup> Annual Gastroenterology Days, Endoscopy and Minimal Access Surgery, 1. Minimal Access Surgery for the Biliary Tract, 2. Diagnosis and Management of Complications of Laparoscopic Cholecystectomy, 3. Minimal Access Surgery: What are the horizons beyond the biliary tract? Regina, Saskatchewan, Oct 1993.
61. Medical Staff, Queensway General Hospital, Laparoscopic Surgery. Etobicoke, Ontario, Oct 1993.
62. Laparoscopic Hernia Repair Symposium - Issues and Controversies, 1. Anatomy/Anterior Approaches, 2. Laparoscopic Hernia Repair. University of Western Ontario, London, Ontario, Nov 1993.

63. The Lebanese Order of Physicians/The Lebanese Surgical Society. 1. Results of Laparoscopic Cholecystectomy, 2. Intra-operative Exploration of the Common Bile Duct, 3. Trans-abdominal Peritoneal Hernia Repair, 4. Laparoscopic Management of Peptic Ulcer Disease, Laparoscopic management of Hirshsprung's Disease, 6. Training Programs and Credentialing: The Canadian Experience. Beirut, Lebanon, Jan 1994.
64. IV Curso Internacional de Cirurgia Laparoscopica, Hospital Samaritano, 1. Laparoscopic Gastrectomy, 2. Inguinal Hernia Repair, 3. Laparoscopic Pediatric Surgery, 4. Laparoscopic Gastrectomy: Live Surgery, 5. Laparoscopic Common Bile Duct Exploration: Live Surgery. Goiania, Brazil, Mar 1994.
65. University of Toronto, Department of Surgery, 1. Laparoscopic Update on Gastroduodenal Surgery, 2. Laparoscopic Hernia Repair, 3. The TAPP Repair: Techniques and Results to 1994. Toronto, Ontario, Apr 1994.
66. Society for Surgery of the Alimentary Tract/American Society for GI Endoscopy, Success of Laparoscopic Surgery in Common Bile Duct Stones. New Orleans, Louisiana, May 1994.
67. III Congreso Nacional de Cirugia Endoscopica, 1. Pediatric Laparoscopic Surgery, 2. Laparoscopic Total Gastrectomy, 3. Gastric Carcinoma Management by Laparoscopy. Mazatlan, Sinaloa, Mexico, May 1994.
68. International "Hands-On" Therapeutic ERCP Conference, ERCP in the Animal Model. Baltimore, Maryland, Jun 1994.
69. 4<sup>th</sup> World Congress of Endoscopic Surgery, 1. Emergency Laparoscopy, 2. Anesthesia and Laparoscopy, Panel Chairman. Kyoto, Japan, Jun 1994.
70. Canadian Society of Endoscopic and Laparoscopic Surgery, 1. Laparoscopic Colon Resection: University of Toronto, 2. Laparoscopic Bypass Procedures, 3. General Concepts in Minimal Access Surgery, 4. Chair Session. Montreal, Quebec, Jul 1994.
71. Annual Conference Day, Division of Surgery, Peterborough Hospitals, Minimal Access Surgery in Children. Peterborough, Ontario, Nov 1994.
72. XXIX World Congress of the International College of Surgeons, The Laparoscopic Assessment of Tumors of the Liver and Pancreas. London, England, Nov 1994.
73. American College of Surgeons, Misericordia General Hospital, Advances in Laparoscopic Surgery. Winnipeg, Manitoba, Nov 1994.
74. Sunnybrook Gut Club, Sunnybrook Health Science Centre, Current State of the Laparoscopic Art of Surgery. Toronto, Ontario, Dec 1994.
75. 5<sup>th</sup> International Meeting of Laparoscopic Surgeons, Hospital Samaritano, 1. Laparoscopic Approach to Biliary Carcinoma, 2. Laparoscopic Cryotherapy of the Liver Metastases, 3. Transcholedochotomy Laparoscopic Common Bile Duct Exploration, 4. Laparoscopic Partial and Total Gastrectomy, 5. Laparoscopic Gastrectomy. Goiania, Brazil, Feb 1995.
76. Society of American Gastrointestinal Endoscopic Surgeons, Small and Large Bowel Obstruction. Orlando, Florida, Mar 1995.
77. Asociacion Mexicana de Cirugia Laparoscopica, 1. Laparoscopic Treatment of Acid-Peptic Disease, 2. Antibiotics and Immunologic Response to Laparoscopic Surgery. Hualtuco, Mexico, May 1995.
78. Ontario Medical Association, Laparoscopic Surgery: Which Procedures are Practical? Toronto, Ontario, May 1995.



79. International "Hands-On" Therapeutic ERCP Conference, ERCP in the Animal Model. Baltimore, Maryland, Jun 1995.
80. 4<sup>th</sup> GI Tract Laparoscopic Surgery International Meeting, Routine versus Selective Intra-operative Cholangiography. Liege, Belgium, Sep 1995.
81. Canadian Association of General Surgeons, Annual Meeting of Royal College of Physicians and Surgeons, Laparoscopic Hernia Repairs. Montreal, Quebec, Sep 1995.
82. Society for Minimally Invasive Therapy 7<sup>th</sup> Annual International Conference, Modern Training Methods in Minimal Invasive Therapy. Portland, Oregon, Sep 1995.
83. Continuing Education, Faculty of Medicine, Gastroenterology and General Surgery, The Role of Laparoscopy in Colorectal Cancer Surgery; Acute Cholecystitis in the era of Laparoscopy, University of Toronto, Mount Sinai Hospital, Laparoscopic surgery in IBD: Who and when? Nov 1995.
84. International College of Surgeons Winter Conference, 1. Laparoscopic Cholecystectomy, 2. Laparoscopic Colon Resection: Colon Controversies, 3. Groin Hernia Repair, 4. Laparoscopic Gastric Bypass Procedures. Puerto Rico, Dec 1995.
85. Continuing Education, Faculty of Medicine, University of Toronto, Workshop: Laparoscopic surgery for a common duct exploration and solid organ surgery. Toronto, Ontario, Feb 1996.
86. 5<sup>th</sup> World Congress of Endoscopic Surgery and SAGES, 1. Moderator: Scientific Session Adrenal, 2. Laparoscopic Treatment of Pancreatic Cancer and the Complications of Chronic Pancreatitis. Philadelphia, Pennsylvania, Mar 1996.
87. American College of Surgeons, Laparoscopic Gastrectomy. New York, New York, Apr 1996.
88. Intn'l College of Surgeons, Laparoscopic Splenectomy. Rio de Janeiro, Brazil, Apr 1996.
89. Update in General Surgery 1996, University of Toronto, Workshop: Common Duct Exploration and Solid Organ Surgery. Toronto, Ontario, Apr 1996.
90. Continuing Education, Faculty of Medicine, University of Toronto, Endoscopic exposure of the lumbar spine. Toronto, Ontario, May 1996.
91. 5<sup>th</sup> International "Hands-On" Therapeutic ERCP Conference, ERCP in the Animate Model. Baltimore, Maryland, May 31, - Jun 1996.
92. Associacao Latinoamericana de Cirurgia Endoscopica Colegio Brasileiro de Cirurgioes, 1. Laparoscopic Inguinal Hernia Repair, 2. Laparoscopic Nissen Fundoplication. Sao Paulo, Brazil, June 1996.
93. II Congresso Latinoamericano de Cirugia Endoscopica, 1. Laparoscopic Gastrectomy, 2. Pancreatic Laparoscopic Treatment and Chronic Pancreatitis Complications, 3. Laparoscopic Gastroesophageal Surgery. Caracas, Venezuela, South America, Jul 1996.
94. Annual Meeting of the Royal College of Physicians and Surgeons of Canada, 1. Laparoscopic Adrenalectomy, 2. Complications of Laparoscopic Surgery. Halifax, Nova Scotia, Sep 1996.
95. Cleveland Clinic, Laparoscopic Access for Spine Surgery Day, Laparoscopic Digestive Surgeon's Approach. Cleveland, Ohio, Oct 1996.
96. Cleveland Clinic, Advanced Laparoscopic Gastric Surgery Day, Laparoscopic Gastric Surgery. Cleveland, Ohio, Nov 1996.
97. X Brazilian Congress of Digestive Endoscopy, 1. Laparoscopic Cholecystectomy and Common Bile Duct Exploration, 2. Results of Laparoscopic Gastrectomy, 3. Laparoscopic Partial Gastrectomy, 4. Laparoscopic Total Gastrectomy, 5. Laparoscopic Common Bile Duct Exploration: Results. Goiania,

Brazil, Nov 1996.

98. SAGES, Faculty for training course on Common Bile Duct stones, Intestinal Obstruction: Is there a role for laparoscopic adhesiolysis? San Diego, California, Mar 1997.
99. Telemedicine Canada Faculty of Medicine, University of Toronto, Controversies in Laparoscopic Surgery: e.g., Inguinal Hernia Repair and Hiatus Hernia Repair. Toronto, Ontario, Apr 1997.
- 100.UMMC - Laparoscopic Hiatal Hernia Repair and other Current Laparoscopic Procedures, Worcester, MA, Apr 1997.
- 101.Update in General Surgery, 37<sup>th</sup> Annual Course for Practicing Surgeons, Department of Surgery, Biliary Tract. Toronto, Ontario Apr 1997.
- 102.Continuing Education, Faculty of Medicine, University of Toronto, Toronto Endoscopic Spine Surgery, Toronto, Ontario, May 16-17, 1997.
- 103.35<sup>th</sup> North American Federation Congress International College of Surgeons, Technique and Equipment for Transperitoneal Endoscopic Lumbar Spine Exposure, Laparoscopic TAPP Procedure. Vancouver, British Columbia, Jul 1997.
- 104.UMMC - Intra-Operative Ultrasound, Worcester, MA, Jul 18, 1997 and Sep 1997.
- 105.ACS Clinical Congress, SAGES GERD Course, Chicago, IL, Oct 1997.
- 106.Course: Laparoscopic Spine Course, SpineTech, Inc., New York, Oct 1997.
- 107.48<sup>th</sup> Annual Meeting American Association for the Study of Liver Diseases, Panelist: Exposure for Hepatobiliary Surgery - How I do it. Chicago, IL Nov 1997.
- 108.UMMC - Laparoscopic Nissen Fundoplication Conference, Worcester, MA, Jan 1998.
- 109.Cleveland Clinic, Spine Symposium, Endoscopic Lumbar Fusion Workshop, Cleveland, Ohio, Jan 1998.
- 110.UMMC – Bioengineering and Minimally Invasive Surgery Rounds, Mar 19, 1998.
- 111.UMMC – Endosuturing Conference, Mar 20, 1998.
- 112.UMMC – Endoscopic Lumbar Fusion Workshop, Mar 27, 1998.
- 113.26<sup>th</sup> Annual Spring ACS Meeting - Post Graduate Course: "Laparoscopic Treatment of Pancreatic Disease. Baltimore, Maryland, April 26 - Apr 29, 1998.
- 114.Uncensored Complications of Laparoscopic Surgery - "Pitfalls of laparoscopic surgery in small bowel obstruction." - SAGES, Seattle, Washington, Apr 1998.
- 115.Cleveland Clinic, Advances in Endoscopic Spinal Surgery, Cleveland, Ohio, May 14 - 16, 1998.
- 116.SSAT/SAGES Joint Symposium on Minimally Invasive Surgery – Digestive Disease Week, New Orleans, Louisiana, May 17-20, 1998.
- 117.UMMC – Hand-Assisted Laparoscopy with HandPort Device. Jun 18, 1998.
- 118.UMMC - Endoscopic Lumbar Fusion Workshop, Jun 20, 1998.
- 119.New England Spine Study Group 1998 Summer Meeting – "Surgical Approaches." Manchester Village, Vermont, Aug 14, 1998.

- 120.X Congresso Paraguayo de Cirugia, Asuncion, Paraguay, Sep 9-12, 1998.
- 121.3º Congresso Latino-Americano de Cirurgia Endoscopica, Congresso Paulista de Video-Cirurgia da SOCIPAV, Congresso de Video-Cirurgia de Regiao Sudeste da SOBRACIL. Sao Paulo, Brazil, Sep 16-19, 1998.
- 122.Massachusetts Medical Society – 1998 American Medical Association-Medical Student Section Conference: Surgical Advancements: Surgery without surgery? UMass Medical School, Worcester, MA, Oct 24, 1998.
- 123.ACS – 84<sup>th</sup> Annual Clinical Congress. Postgraduate Course: Diseases of Liver, Biliary Tract, and Pancreas: “Open versus Laparoscopic versus Laparoendoscopic.” Orlando, Florida, Oct 27, 1998.
- 124.ACS – 84<sup>th</sup> Annual Clinical Congress. Cine’ Clinic I, Discussant: Should we Inguinal Hernia Repair. Orlando, Florida, Oct 27, 1998.
- 125.Cleveland Clinic. Advances in Endoscopic Spinal Surgery, Cleveland, Ohio, Oct 28, 1998.
- 126.UMMC – Laparoscopic Nissen Fundoplication Workshop. Nov 1998.
- 127.UMMC – Bioengineering and Minimally Invasive Surgery Rounds, Mechanics and Materials of Spinal Fusion, Anterior placement of cage device via laparoscopy, Nov 19, 1998.
- 128.UMMC – Endoscopic Lumbar Fusion Workshop. Nov 1998.
- 129.Mount Sinai Medical Center, New York: Grand Rounds, Laparoscopy TeleConference, Nov 24, 1998.
- 130.6<sup>th</sup> Annual Symposium on Critical Issues in Surgery, Minimally Invasive Surgery/Computer Assisted Surgery: Laparoscopic Spinal Surgery, Hand-assisted Laparoscopy, and Laparoscopic Gastrectomy. St. Thomas, US Virgin Islands, Dec 3-5, 1998.
- 131.Worcester Polytechnic Institute Biomedical Engineering Department Seminar: An overview of Laparoscopic Surgery. Worcester, Massachusetts, Dec 7, 1998.
- 132.Baystate Medical Center Surgical Grand Rounds: Laparoscopic Handport Surgery. Springfield, Massachusetts, Dec 17, 1998.
- 133.UMMS – Advanced Laparoscopic Suturing Workshop. Jan 22, 1999.
- 134.UMMS - Hand-Assisted Laparoscopic Surgery (HALS) With HandPort™: a New Hand-assist Device. Jan 29, 1999.
- 135.Surgical Unit of New Technology – Symposium – Karolinska Hospital, Stockholm, Sweden. Feb 3-5, 1999.
- 136.UMMS – Advances in Endosurgery – 4<sup>th</sup> Year Medical Students, Feb 11, 1999.
- 137.UMMS/UMASS MEM/Worcester Polytechnic Institute – Biomedical Engineering and Minimally Invasive Surgery Symposium: Operating Room Set-up and Visual Perception. Feb 11, 1999.
- 138.America’s Conference – Hepatobiliary Surgeons – Teleconference: Laparoscopic Live Donor Nephrectomy Case Presentation. Feb 19, 1999.
- 139.UMMS - Hand-Assisted Laparoscopic Surgery (HALS) With HandPort™: a New Hand-assist Device. Mar 5, 1999.
- 140.UMMS – Common Bile Duct Exploration Workshop. Mar 19, 1999.
- 141.SAGES Scientific Session - Learning Center: Solid Organ Removal. San Antonio, Texas, Mar 24-27, 1999.
- 142.UMMS - Laparoscopic Nissen Fundoplication Workshop. Apr 9, 1999.

- 143.UMMS - Hand-Assisted Laparoscopic Surgery (HALS) With HandPort™: a New Hand-assist Device. Apr 16, 1999.
- 144.Baystate Medical Center – Grand Rounds Teleconference. Apr 22, 1999.
- 145.ACS – 27<sup>th</sup> Annual Spring Meeting – Scientific Session: Management of Distal Common Bile Duct. New York, NY, Apr 26, 1999.
- 146.UMMS – Endoscopic Lumbar Fusion Workshop, Apr 30, 1999.
- 147.UMMS - Hand-Assisted Laparoscopic Surgery (HALS) With HandPort™: a New Hand-assist Device. Jun 10 and 11, 1999.
- 148.50<sup>th</sup> Anniversary of the Surgical Residency Program at Baystate Medical Center: Minimally Invasive Surgery Now and in the Future, Springfield, MA, Jun 19, 1999.
- 149.University of Saskatoon, 14<sup>th</sup> Annual Alumni Reunion Conference: Highlights in Medicine, “Advances in Laparoscopic Surgery,” Saskatchewan, Canada, June 24-26, 1999.
- 150.UMMS/UMASS MEM/Worcester Polytechnic Institute – Bioengineering and Minimally Invasive Surgery Rounds, “New Concepts in Hemostasis, Oct 7, 1999.
- 151.ACS – 85<sup>th</sup> Annual Fall Meeting – 50<sup>th</sup> Cine Clinic Program: “Hand-Assisted Laparoscopic Partial Gastrectomy”. San Francisco, CA, Oct. 12, 1999.
- 152.ACS – 85<sup>th</sup> Annual Fall Meeting – Scientific Program: “Management of the Gastric Outlet Obstruction”. San Francisco, CA, Oct. 12, 1999.
- 153.ACS – 85<sup>th</sup> Annual Fall Meeting – Scientific Program: “Surgical Team Approach to the Anterior Spine”. San Francisco, CA, Oct. 14, 1999.
- 154.IV Brazilian Video-Surgery Congress – Video Section: 1) “Hand-Assisted Laparoscopic Gastrectomy” 2) How to do it-Adrenalectomy” 3) “Laparoscopic inguinal hernia repair-TAPP”. – Conference: “Management of choledocholithiasis” – Panel: “Surgical Treatment of inguinal hernia Kugel repair”. Santa Catarina, BRAZIL, Oct 19 – 22, 1999.
- 155.Hungarian Medical Association of America, Inc, 31<sup>st</sup> Annual Scientific Meeting – Minimally Invasive Procedures: 1)“Current State of Laparoscopic Surgery” 2)“Back to Suture! Totally Thoracoscopic Coronary Artery Bypass Grafting”. Sarasota, FL, October 25, 1999.
- 156.The Chinese University of Hong Kong – “Hand-Assisted Laparoscopic Workshop” Shatin, Hong Kong, Nov 20, 1999.
- 157.UMMS/UMASS MEM/Worcester Polytechnic Institute – Bioengineering and Minimally Invasive Surgery Rounds, “Surgical Applications of Engineered Tissue”, Dec 2, 1999.
- 158.Annual Meeting, Massachusetts Chapter of the American College of Surgeons – Video Session: “Laparoscopic Right Adrenalectomy”. Boston, MA, December 4, 1999.
- 159.Southern Surgical Association, 111<sup>th</sup> Annual Session – Paper Presentation: “Hand-Assisted Laparoscopic Surgery (HALS) with the HandPort™ System: Initial Experience with 68 patients”. Hot Springs, VA, Dec 7, 1999.
- 160.7<sup>th</sup> Annual Symposium on Critical Issues – Minimally Invasive Surgery 1) “Laparoscopic Gastrectomy (HandPort™ Assisted)”, 2) “Laparoscopic Aortobifemoral Bypass for Occlusive Disease”, 3) “Laparoscopic Spinal Surgery”. St. Thomas, US Virgin Islands, Dec 9 – 11, 1999.
- 161.University of Pennsylvania Grand Rounds – “Hand-Assisted Laparoscopic Surgery” Philadelphia, PA, Feb 10, 2000.

- 162.UMMS/UMASS MEM/Worcester Polytechnic Institute – Bioengineering and Minimally Invasive Surgery Rounds, “Enhancing the Optical Interface”, Feb 10, 2000.
- 163.Cleveland Clinic – “Laparoscopic Approach to Interbody Fusion of the Lumbar Spine”, Cleveland, OH, Feb 14-15, 2000.
- 164.SAGES 2000 – Scientific Session: Short Papers Moderator: “Intestine”, Atlanta, GA, April 1, 2000.
- 165.UMMS/UMASS MEM/Worcester Polytechnic Institute – Bioengineering and Minimally Invasive Surgery Rounds, “Endovascular Grafting and Laparoscopic Techniques”, April 6, 2000.
- 166.UMMS – “Hand-Assisted Laparoscopic Surgery”. May 19, 2000.
- 167.New England Society of Colon & Rectal Surgeons – “Hand-Assisted Laparoscopic Surgery vs. Standard Laparoscopic Surgery for Colorectal Resection”. June 28, 2000.
- 168.UMass Medical School’s Mini-Medical School “Neighborhood Grand Rounds” Lecture series. “Minimally Invasive Surgery”. Worcester, MA, Nov 1, 2000.
- 169.UMMS/UMASS MEM/Worcester Polytechnic Institute – Bioengineering and Minimally Invasive Surgery Rounds, “Instrumenting the sense of touch: Haptic interface development”, November 2, 2000.
- 170.Washington University School of Medicine – Hand-Assisted Laparoscopic Colectomy Course. St. Louis, MO, Nov 4, 2000.
- 171.8<sup>th</sup> Annual Symposium on Critical Issues – Current Advances in Surgery 1) “Laparoscopic Donor Nephrectomy”, 2) “Laparoscopic Spine Access”. St. Thomas, US Virgin Islands, Dec 7-9, 2000.
- 172.Carolinas Medical Center – Laparoscopic Solid Organ Workshop “Laparoscopic Adrenalectomy”. Charlotte, NC, February 16, 2001.
- 173.Third Biennial Americas Hepatopancreatobiliary Congress – Moderator, Free Paper Session #6: Minimally Invasive Surgery. Miami, FL, February 25, 2001.
- 174.British Columbia Surgical Society Spring Meeting – “The Future Trends in MIS Surgery”. Kamloops, BC, March 16, 2001.
- 175.SAGES 2001 – “Hand-Assisted Laparoscopic Surgery”. St. Louis, MO, April 18, 2001.
- 176.SAGES 2001 – Moderator, Session 4: Solid Organ. St. Louis, MO, April 20, 2001.
- 177.Center for Integration of Medicine and Innovative Technology (CIMIT) “Future Trends in MIS Surgery”. Boston, MA, May 1, 2001.
- 178.First Scientific Meeting of the Japan – Hungarian Surgical Society. “Hand-Assisted Laparoscopic Gastric Surgery”. Budapest, Hungary, September 1, 2001.
- 179.UMass Memorial Health Care Affiliates’ Meeting – “Advances in Laparoscopic Surgery”. Sturbridge, MA, October 22, 2001.
- 180.UMMS – Two-Day Laparoscopic Bariatric Conference. Moderator for Live Case and Video Session. November 16 & 17, 2001.
- 181.SAGES 2002 – Hands-on Course 1: Laparoscopic Solid Organ Surgery (Pancreas, Spleen, Liver, Kidney, Prostate & Adrenal). “The Role of Hand-Assisted Laparoscopy”. New York, New York, March 13, 2002.
- 182.SAGES 2002 – Laparoscopic Colorectal Surgery: Technical aspects of laparoscopic colon resection. “Hand-assisted laparoscopic colectomy”. New York, NY, March 13, 2002.

- 183.ACS – 30<sup>th</sup> Annual Spring Meeting – Postgraduate Course 7: Session IB-Hindgut “Hand-Assisted Laparoscopic Surgery (HALS)”. San Diego, CA, April 15, 2002.
- 184.Center for Minimal Access Surgery – Two-Day Laparoscopic Colorectal Surgery Conf. “Handport” Lecture via Teleconference from UMMS. Hamilton, Ontario. May 3, 2002.
- 185.UMMS – Two-Day Laparoscopic Bariatric Conference. Moderator for Live Case and Video Session. May 10 & 11, 2002.
- 186.Carolinas Laparoscopic & Advanced Surgery Program. Laparoscopic Colectomy and Solid Organ Surgery. “Hand-Assisted Laparoscopic Colon Surgery” & “Laparoscopic Adrenalectomy”. Carolinas Medical Center, Charlotte, NC. June 14, 2002.
- 187.Canadian Surgery Forum. Teleconference – Handport Lecture from University of Massachusetts, Worcester. Hamilton, ON. September 19, 2002.
- 188.UMMS – Two-Day Laparoscopic Bariatric Conference. Moderator for Live Case and Video Session. October 25 & 26, 2002.
- 189.SAGES 2003 – Laparoscopic Colorectal Surgery Hands-on Course: Right Colectomy & Segmental Left Colectomy. Los Angeles, CA, March 12, 2003.
- 190.SAGES 2003 – Scientific Session. Unedited Video Session Expert Faculty: “Foregut”. Los Angeles, CA, March 14, 2003.
- 191.Guthrie Health – Visiting Professor Program– “Complications of Laparoscopic Foregut Surgery” and “Hand-Assisted Laparoscopic Surgery”. Sayre, PA, May 7 & 8, 2003.
- 192.International Endovascular Laparoscopic Congress. Speaker – “Post-graduate training. How to obtain the basic skills: The General Surgery experience” & “The impact of laparoscopy in general surgery”. Moderator – “Evolution of laparoscopy and how to avoid complications in vascular procedures”, “Forum on Laparoscopic Instrumentation”, “Forum on Laparoscopic Videoendoscopy”, and “Forum on Robotics”. Quebec City, Quebec, CANADA, May 15 – 16, 2003.
- 193.Centre for Minimally Access Surgery. Laparoscopic Colorectal Surgery Conference. “Hand-Assisted Laparoscopic Colectomy”, “Laparoscopic repair of rectal prolapse, techniques”, & “Pitfalls of laparoscopic surgery in cancer”. Hamilton, ON, CANADA, June 6 & 7, 2003.
- 194.ACS 89<sup>th</sup> Annual Clinical Congress 2003 – General Surgery 1 Video Session. Chicago, IL, October 20, 2003.
- 195.ACS 89<sup>th</sup> Annual Clinical Congress 2003 – PG Course #24-Gastrointestinal Disease: Laparoscopic or Hand-Assisted Colectomy. Chicago, IL, October 21, 2003.
- 196.Worcester Polytechnic Institute – Bio-device Conference: Impact of Manufacturing on End User: Some Insight for the Manufacturing Community from the OR. Worcester, MA, October 22, 2003.
- 197.9<sup>th</sup> World Congress of Endoscopic Surgery – “Laparoscopic Hand-Assisted Gastrectomy”, “Laparoscopic Inguinal Hernia Repair: Recurrence Rate with Different Lap Techniques”. Cancun, Mexico, February 2 – 7, 2004.
- 198.SAGES 2004 – Post graduate course: Hand-assisted Colectomy is the Future – “Top to Bottom”, Denver, CO, March 31 – April 3, 2004.
- 199.SAGES 2004 – Advanced Laparoscopic Techniques Hands-on Course. Denver, CO, March 31 – April 3, 2004.
- 200.Second (2<sup>nd</sup>) International Endovascular & Laparoscopic Congress – (Moderator): “Latest in Minimally Invasive Therapy 2”, “Industry Forum”. Quebec City, Quebec, May 20 – 22, 2004.
- 201.Second (2<sup>nd</sup>) International Endovascular & Laparoscopic Congress – (Speaker): “The Latest in Videomonitoring”, “Conventional Intracorporeal Suturing: From the Simple to the Complex Anastomosis”,

- Transabdominal Retroperitoneal Approach – A Routine for the General Surgeon. Colectomy, Adrenalectomy, etc.” Quebec City, Quebec, May 20 – 22, 2004.
- 202.12<sup>th</sup> International Congress of the European Association of Endoscopic Surgery (EAES) – (Speaker): Adrenalectomy in benign and malignant disease – “Alternative Transperitoneal Approaches” Barcelona, Spain, June 9 – 12, 2004.
- 203.Carolinas Medical Center Visiting Professor. Grand Rounds ~ “Hand-Assisted Laparoscopic Surgery”. Charlotte, NC, September 10, 2004.
- 204.Sociedad Peruana de Cirugia Endoscopica – (Speaker): “Laparoscopic Surgery for Metastatic Liver Disease”, “Pancreatic Resections”, “Gastrectomy - Laparoscopic Management”, “Gastrectomy – Management with Hand Assist”, “Perspectives and Controversies in Laparoscopic Surgery for Gastric Cancer”, Outpatient Laparoscopic Cholecystectomy”, Lima, Peru, September 29 – October 2, 2004.
- 205.ACS 89<sup>th</sup> Annual Clinical Congress 2004 – PG Course #34, Session IIB – (Discussant): “Vexing Political, Legal, and Ethical Problems in Minimally Invasive Surgery” ~ Case B: Legal Problems-Complications During Laparoscopic Adrenalectomy, New Orleans, LA, October 12, 2004.
- 206.21<sup>st</sup> Annual Controversies, Problems and Techniques in Surgery Symposium – (Speaker): “Hand-Assisted Laparoscopic Colectomy is the Future”. New York, NY, December 9, 2004.
- 207.Berkshire Medical Center Visiting Professor. Surgical Grand Rounds ~ “Hand-Assisted Laparoscopic Surgery”. Pittsfield, MA, September 16, 2005.
- 208.SAGES 2006 – (Presenter): “Laparoscopic Management of Acute/Chronic Abdominal Pain”. Dallas, TX, April 26 – 29, 2006.
- 209.International Endovascular Laparoscopic Congress 2006 – (Moderator): Laparoscopic Vascular Surgery – Session 1 “Building a successful laparoscopic vascular practice”. New York, NY, November 15, 2006.
- 210.SAGES 2007 – (Presenter): “The Laparoscopic Approach is Superior”. Las Vegas, NV, April 18-22, 2007.
- 211.Canadian Surgery Forum – (Presenter): “Laparoscopic Colorectal Surgery: Hand Assisted or Not? (Role, Pros, Cons, Limitations)”. Halifax, NS, September 11 – 24, 2008.
- 212.Canadian Surgery Forum – (Presenter): “Managing the Recurrent Hernia (Patient Selection, Adhesions to Prosthetic Materials, Plugs)”. Halifax, NS, September 11 – 14, 2008.
- 213.2008 NEACSM Fall Conference – (Presenter): “Sports Hernia Repair”. November 14, 2008.
- 214.Southern Society of Clinical Surgeons – (Moderator): “History of Surgery at UMass”. Worcester, MA, March 31, 2009.
- 215.University of Saskatchewan – (Presenter): “Minimally Invasive Surgery: Past, Present, Future”. Saskatoon, SK, June 24-27, 2009.
- 216.Seth G. S. Medical College – (Presenter): “Laparoscopic Surgery: The Past and Future”, Mumbai, India, December 10, 2009.
- 217.SAGES 2010 – (Moderator): “The MBA for Surgeons”, National Harbor, MD, April 15, 2010.
- 218.XIX International Congress – (Presenter): “Diagnostic Laparoscopy in Acute Abdominal Syndrome”, “Difficulty Decisions in Laparoscopic Hernia Repair”, “Normal Mesh vs. Light Mesh”, “Complications of Reflux Surgery”, “Endoscopy with Endoscopic Capsule”, How to Chose the Right Mesh and How to Fix it in Ventral Laparoscopic Hernioplasty”, “Adrenal Surgery – How to Teach the Residents”, “Diagnosis of Disease of Small Bowel with Endoscopic Capsule and Treatment with Laparoscopic Surgery”, “Diseased of Small Bowel Trated with Endoscopic Surgery”. Cancun Quintana Roo, Mexico, May 4, 2010.

219. 9<sup>th</sup> Annual American College of Surgeons Clinical Congress – (Presenter): “Surgeons as Employees”. San Francisco, CA, October 23, 2011.
220. 58<sup>th</sup> Annual Meeting of the Massachusetts Chapter of the American College of Surgeons – (Presenter): “Find a job: Academic vs. Private Practice”. Boston, MA, December 3, 2011.
221. Brigham and Women’s - (Presenter): “Laparoscopic Surgery: Past, Present, Future”. Boston, MA, January 11, 2012.
222. Texas Tech University – (Presenter): “Laparoscopic Surgery: Past, Present, Future”. Lubbock, TX, February 3, 2012.
223. Baystate Medical Center – (Presenter): “Laparoscopic Surgery, Past, Present, Future”. Springfield, MA, February 9, 2012.
224. American College of Surgeons Puerto Rico Chapter – (Presenter): “Pitfalls of Laparoscopic Nissen Fundoplication”. San Juan, PR, February 24, 2012.
225. Boston University – (Presenter): “Laparoscopic Surgery, Past, Present, Future”. Boston, MA, May 19, 2014.
226. Berkshire Medical Center – (Presenter): “Laparoscopic Surgery, Past, Present, Future”. Pittsfield, MA, June 6, 2014.