

Curriculum Vitae

HARRY C. SAX, MD, MHCM, FACS, FACHE

BUSINESS ADDRESS

Department of Surgery
Cedars-Sinai Medical Center
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Los Angeles, CA 90048
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EDUCATION

Northwestern University
B.A. Biology
9/75 - 6/78
Phi Beta Kappa – 1978

Johns Hopkins University
School of Medicine
M.D.
9/78 - 6/82

University of Rochester
William E. Simon School of Business Administration
Health Care Leadership Program
11/98 – 6/99

Harvard University
School of Public Health
M. S. Health Care Management
6/09 – 6/11

POSTGRADUATE TRAINING

7/1/84 – 6/30/89	University of Cincinnati Medical Center Cincinnati, Ohio
Residency	Resident in General Surgery 7/1/82 - 6/30/84 7/1/86 - 6/30/89
Fellowship	Clinical and Research Fellow Nutrition Support Service Department of Surgery 7/1/84 - 6/30/86

POSTGRADUATE HONORS AND AWARDS

Postdoctoral Fellowship award
NIH - USPHS Award #HG-07460 Lipids
University of Cincinnati, 1984

Max Zinner Award for Scholarly Achievement by a Resident, 1986

Stanley J. Dudrick Research Scholar Award
American Society for Parenteral and Enteral Nutrition, 1999

Master of Arts ad eundem
Brown University, 2007

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

Licensure: New York - 178362 (1989) *Inactive*
Ohio – 50495 (1984) *Inactive*
Rhode Island -11880 (2005)
Massachusetts – 242438 (2010)
California – C54584 (2011)

Board Certification: American Board of Surgery - 1990
Re-certification -1999, 2009
American Board of Surgery - Critical Care – 1991

ACADEMIC APPOINTMENTS

Cedars-Sinai Medical Center

Los Angeles, California

2012 - Professor of Surgery

UCLA David Geffen School of Medicine

Los Angeles, California

2012 - Clinical Professor of Surgery

The Warren Alpert Medical School of Brown University

Providence, Rhode Island

2010 - 2011 Adjunct Professor of Surgery

2005 - 2010 Professor of Surgery

University of Rochester School of Medicine and Dentistry

Rochester, New York

2005 - 2008	Adjunct Professor of Surgery
2001 - 2005	Professor of Surgery (with unlimited tenure)
1995 - 2001	Associate Professor of Surgery
1989 - 1995	Assistant Professor of Surgery

Rochester Institute of Technology Physician Assistants Program

Rochester, New York

2004-2005	Adjunct Instructor
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HOSPITAL APPOINTMENTS

Cedars-Sinai Medical Center

Los Angeles, California

2011 – Present	Executive Vice Chair for Administration Department of Surgery Senior Physician Advisor Cedars-Sinai Clinical Transformation Initiative
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The Miriam Hospital

Providence, Rhode Island

2005 – 2009	Surgeon-in-Chief
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Strong Memorial Hospital

Rochester, New York

1989 - 2005	Medical Director, Adult Nutrition Support Service
1991 - 1992	Director, Surgical Intensive Care Unit
1999 - 2003	Chief, Section of Gastrointestinal Surgery
2001 - 2002	Acting Chief, Division of General Surgery
2004 - 2005	Acting Chief, Division of Colorectal Surgery

EDITORIAL APPOINTMENTS

Editorships and Editorial Board Memberships

Frontiers in Biosciences 1998 - 2003

Intestine 2001-2009
Journal of Parenteral and Enteral Nutrition 1991 - 1996
Journal of Critical Care Nutrition 1993 - 1997
Journal of Surgical Research 2001 - 2004
Surgery 2004 - 2007

Ad hoc Reviewer

American Journal of Clinical Nutrition
American Journal of Physiology
American Journal of Surgery
JAMA Surgery
Annals of Surgery
Digestive Disease & Sciences
Diseases of the Colon and Rectum
Gastroenterology
Journal of the American Medical Association
Journal of the American College of Surgeons
Journal of Gastrointestinal Surgery
Journal of Parenteral and Enteral Nutrition
Life Sciences
Neurology

OTHER APPOINTMENTS

GE Health Care – Medical Error Reporting System/ Patient Safety Organization
Board of Advisors – 2010 - 2013

National Committees, Consultant Groups, Study Sections

Ad hoc member – Surgery and Bioengineering IRG-NIH - 1998
Ad hoc reviewer – Veterans Administration Merit Review 1993
NIH / NIDDK Working Group on Bariatric Surgery - 2002
NIH / NIDDK Small Clinical Research Grants (R03) in Digestive Diseases and Nutrition IRG,
2002 - 2003. Chair, 2004 - 2006
NIH / NIDDK Bariatric Surgery RFA (U03) IRG 2003
NIH / NIDDK Multicenter Clinical Trial on Liver Disease, Chair, ad hoc IRG. 2003
NIH / NIDDK Longitudinal Assessment of Bariatric Surgery (LABS) Data Safety Monitoring
Board 2004 – Present
NIH/NIDDK Nutrition and Obesity Research Centers IRG 2010
NIH/NIDDK Chair, GRB-B Clinical Trial Review Meeting 2010

American College of Surgeons

Committee on Development of High Performance Teams in Surgery through Education -
2008-2010
Committee on Education in Health Systems Engineering 2011- present

CRUDEM Foundation Medical Staff, Milot, Haiti
Chief Medical Officer March 2010

John Hopkins Alumni Association

Executive Committee 2011 – Present
Chair, Long Range Planning Committee 2011- 2013

HOSPITAL COMMITTEES

Cedars-Sinai Medical Center, Los Angeles, CA

Quality Council – 2011 - Present
CS Link Integration Committee – 2011 - 2012
Comprehensive Anticoagulation Taskforce – 2011 - 2012
CS Medicine Core Integration Committee – 2011 - 2014
Chief of Staff Advisory Council – 2011 - Present
SAE Oversight Committee – 2011 - Present
Task Force on MD Engagement in Safety – 2011 - 2013
Pharmacy and Therapeutics Committee – 2012 -Present
Patient Safety Committee – 2013 - Present
High Value Care Committee, Co-Chair – 2014 - Present

The Miriam Hospital, Providence, RI

Medical Staff Association – 2005 - 2009
Invasive Procedures Review Committee – 2005 - 2006
Medical Executive Committee – 2005 - 2009
Patient Safety Committee, 2005 – Chair 2006 - 2009
Professional and Academic Affairs Committee – 2005 - 2009
Perioperative Executive Committee, Chairman – 2005 - 2009
Surgical Infection Prevention Collaborative Leadership Committee – 2005 - 2006
Clinical Management Group – 2005 - 2009
Surgical Services Leadership Group – 2005 - 2009
Value Analysis Team – 2005 - 2009
Collaboration Vision Element Team – Co-Chair – 2007 - 2009

Lifespan Corporate Services, Providence, RI

Lifespan Risk Services Claims Committee – 2005 - 2009
Lifespan Quality Council – 2006 - 2009
Cardiac Data Acquisition and Reporting Committee – 2007 - 2009
Surgery Data Acquisition and Reporting Committee – 2008 - 2009
Lifespan Symposium Action (Patient Safety Actionable) Committee – 2007 - 2009
Clinical Quality & Safety Joint Chairs – 2007 - 2009
Measurement and Reporting Council – 2008 - 2009
Oncology Council – 2007 - 2009
Patient Safety Council – 2008 - 2009
Lifespan CME Committee – 2008 - 2009

Rhode Island Hospital, Providence, RI

Medical Staff Association – 2005 - 2009
Surgical Executive Committee – 2006 - 2009

UNIVERSITY COMMITTEES

The Warren Alpert Medical School of Brown University, Providence, RI

Promotions and Appointments Committee – 2005 -2010

Health Care Civics Curriculum Committee – 2007 - 2009

OTHER COMMITTEES

Rhode Island Department of Health

Tertiary Procedures Review Committee – 2007 - 2009

Elective Procedures Subcommittee – 2007 - 2009

Ad hoc advisory committee – Director of Health Search 2011

Rochester Surgical Society 1990 - 2005

Executive Committee 1991 - 1998

President Elect 1994 - 1996

President 1996 - 1998

Rochester Individual Practice Association

Board of Directors, 1993 - 1999, 2001-2005

Demand Management Committee 1994 - 1996

Chair, Nominating Committee 1997 - 1998

Finance Committee 1997 - 2005

University of Rochester Medical Faculty Group

Board of Directors 1999-2005

Treasurer 2001-2003

Crossbridge Physicians, Inc.

Board of Directors – 2001-2005

SOCIETY MEMBERSHIPS

American College of Surgeons 1989 - Fellow 1992 - present

Surgical Education and Self-Assessment Program (SESAP-10),

Contributing Editor – 1998 - present

Upstate New York Chapter 1989 - 2005

Young Surgeon Representative 1997 - 1998

Councilor 1998 - 2004

RI Chapter 2005 - 2010

American Board of Surgery

Associate Examiner 1996, 2001

American College of Healthcare Executives 2005- present

Fellow, 2012 - present

Board, Physician Executives Forum – 2014 - present

Board , SoCal HCE – 2011 - present

American Society for Nutritional Sciences (FASEB), 2000 - 2005
American Society for Parenteral and Enteral Nutrition 1986 - present
 VARS Award Committee 2000 - 2001
 Dudrick Awards Committee 2004 - 2008
Rhoads Research Foundation:
 Board of Directors – 2005 - 2007
 Treasurer – 2006 - 2008
Association for Academic Surgery 1987 - present
 Committee on Education 1992 - 1994
 Committee on Issues 1994 - 1996
 Nominating Committee – 1997
Central Surgical Association 1994 - present
New England Surgical Society 2007 – present
Society of Laparoendoscopic Surgery 2000 - 2003
Society for Surgery of the Alimentary Tract 1993 - 2010
 Abstract Review Committee 2001, 2003
Society of University Surgeons 1996 - present
 Executive Council 2004 - 2007
 Nominating Committee - 2008
Surgical Biology Club III 1996 - present

RESEARCH PAPERS (PEER REVIEWED)

1. Pollack IP, Robin A, and Sax HC: The effect of argon laser trabeculoplasty on the medical control of primary open angle glaucoma. Ophthalmology 90:785-789, 1983.
2. Waymack JP, Metz J, Garnett D, Sax HC, and Alexander JW: Effect of immunomodulators on macrophage function in burned animals. Surg Forum 36:110-112, 1985.
3. Bower RH, Talamini MA, Sax HC, Hamilton F, and Fischer JE: Postoperative enteral versus parenteral nutrition: a randomized controlled trial. Arch Surg 121:1040-1045, 1986.
4. Sax HC, Talamini MA, Brackett K, and Fischer JE: Hepatic steatosis in total parenteral nutrition: failure of fatty infiltration to correlate with abnormal serum hepatic enzyme levels. Surgery 100:697-704, 1986.
5. Sax HC, Talamini MA, and Fischer JE: Special Article: Clinical use of branched-chain amino acids in liver disease, sepsis, trauma and burns. Arch Surg 121:358-366, 1986.
6. Sax HC, Warner BW, Talamini MA, Hamilton FN, Bell RH, Fischer JE, and Bower RH: Early total parenteral nutrition in acute pancreatitis: Lack of beneficial effects. Am J Surg 153:117-124, 1987.
7. Lang CL, Johnson DW, Sax HC, and Bower RH: Total parenteral nutrition in pregnancy: a case report. J Ped Perinatal Nutr 1:61-66, 1987.

8. Sax HC and Bower RH: A method for securing nasogastric tubes in uncooperative patients. Surg Gynecol Obstet 164:471-472, 1987.
9. Sax HC, Talamini MA, Hasselgren PO, Rosenblum L, Ogle CK and Fischer JE: Increased synthesis of secreted hepatic proteins during abdominal sepsis. J Surg Res 44:109-116, 1988.
10. Sax HC, Hasselgren PO, Talamini MA, Edwards LL, Fischer JE: Amino acid uptake in isolated, perfused liver: effect of trauma and sepsis. J Surg Res 45:50-55, 1988.
11. Fowl RJ, Martin KD, Sax HC, Kempczinski RF: Use of autologous spiral vein grafts for vascular reconstructions in contaminated fields. J Vasc Surg 8:442-446, 1988.
12. Warner BW, Sax HC, Fischer JE: Tailoring nutritional support for specific tissues and organs. Curr Surg 45: 2-6, 1988.
13. Hasselgren PO, Pedersen P, Sax HC, Warner BW, Fischer JE: Current concepts of protein turnover and amino acid transport in liver and skeletal muscle during sepsis. Arch Surg 123:992-999, 1988.
14. Hasselgren PO, Pedersen P, Sax HC, Warner BW, Fischer JE: Methods for studying protein synthesis and degradation in liver and skeletal muscle. J Surg Res 45:389-415, 1988.
15. Nussbaum MS, Warner BW, Sax HC, Fischer JE: Transduodenal sphincteroplasty and transampullary septotomy for primary sphincter of Oddi dysfunction. Am J Surg 157:38-43, 1989.
16. Alexander JW, Gonce SJ, Miskell PW, Sax HC, Peck MD: A new model for studying nutrition in peritonitis: the adverse effect of overfeeding. Ann Surg 209:334-340, 1989.
17. Blebea J, Sax HC, Ouriel K: Superior mesenteric artery syndrome after end-to-side aortofemoral bypass. J Vasc Surg 11:726-727, 1990.
18. Sax HC: Practicalities of lipids: ICU patient, autoimmune disease, and vascular disease. JPEN 14(5 Suppl):223S-225S, 1990.
19. Sarac TP, Sax HC, Doerr R, Yuksel U, Pulli R, Caruano J: Preoperative fasting improves survival after 90% hepatectomy. Surg Forum 42:153-156, 1991.
20. Illig KA, Ryan CK, Hardy DJ, Rhodes J, Locke W, Sax HC: Total parenteral nutrition-induced changes in gut mucosal function: atrophy alone is not the issue. Surgery 112:631-637, 1992.
21. Lord LM, Weiser-Maimone A, Pulhamus M, Sax HC: Comparison of weighted versus unweighted enteral feeding tubes for efficacy of transpyloric intubation. JPEN 17:271-273, 1993.

22. Sax HC, Adams JT: The fate of the spilled gallstone. Arch Surg 128: 469, 1993.
23. Sarac TP, Sax HC, Doerr R, Yuksel UK, Pulli R, Caruana JC: Preoperative fasting improves survival following 90% hepatectomy in the rat. Arch Surg 129:729-733, 1994.
24. Sarac TP, Souba WW, Miller JN, Ryan CK, Koch M, Bessey PQ, Sax HC: Starvation induces differential small bowel luminal amino acid transport. Surgery 116:679-686, 1994.
25. Sarac TP, Souba WW, Seydel A, Ryan CK, Miller JH, Bessey PQ, Sax HC: Massive enterectomy alters brush border amino acid and glucose transport. Surg Forum 45:184-187, 1994.
26. Sax HC: Chronic abdominal pain - differential diagnosis. Prim Care Update for Ob/Gyn 1:122-125, 1994.
27. Ryan CK, Sax HC: Evaluation of a carboxymethylcellulose sponge for prevention of postoperative adhesions. Am J Surg 169:154-160, 1995.
28. Seydel AS, Sickel JZ, Warner ED, Sax HC: Extrapelvic endometriosis: Diagnosis and treatment. Am J Surg 171: 239-241, 1996.
29. Sarac TP, Seydel AS, Ryan CK, Bessey PQ, Miller JH, Souba WW, Sax HC: Sequential alterations in gut mucosal amino acid and glucose transport after 70% small bowel resection. Surgery 120:503-508, 1996.
30. Sax HC, Illig KA, Ryan CK, Hardy DJ: Low-dose enteral feeding is beneficial during total parenteral nutrition. Am J Surg 171:587-590, 1996.
31. Seydel AS, Miller JH, Sarac TP, Ryan CK, Chey WY, Sax HC: Octreotide diminishes luminal nutrient transport activity, which is reversed by epidermal growth factor. Am J Surg 171:267-271, 1996.
32. Illig KA, Schmidt E, Cavanaugh J, Krusch DA, Sax HC: Are prophylactic antibiotics required for elective laparoscopic cholecystectomy? J Am Col Surg 184:353-356, 1997.
33. Iannoli P, Miller JH, Ryan CK, Ziegler TR, Sax HC: Human growth hormone induces system B transport in short bowel syndrome. J Surg Res 69:150-158, 1997.
34. Iannoli P, Miller JH, Ryan CK, Gu LH, Ziegler TR, Sax HC: Epidermal growth factor and human growth hormone accelerate adaptation after massive enterectomy in an additive, nutrient-dependent, and site-specific fashion. Surgery 122:721-729, 1997.
35. Ryan CK, Miller JH, Seydel AS, Sax HC. Epidermal growth factor and neurotensin induce microvillus hypertrophy following massive enterectomy. J Gastrointest Surg 1:467-473, 1997.
36. Wang HT, Miller JH, Iannoli P, Sax HC: Intestinal adaptation and amino acid transport following massive enterectomy. Frontiers in Bioscience 2:e116-122, 1997.

37. Iannoli P, Miller JH, Ryan CK, Sax HC: Glucocorticoids upregulate intestinal nutrient transport in a time-dependent and substrate-specific fashion. J Gastrointest Surg 2:449-457, 1998.
38. Iannoli P, Miller JH, Sax HC: Epidermal growth factor and human growth hormone induce two sodium-dependent arginine transport systems after massive enterectomy. JPEN 22:326-330, 1998.
39. Wang HT, Miller JH, Avissar NE, Sax HC: Amino acid transport after massive enterectomy is dependent on the site of resection. Surg Forum 49:166-168, 1998.
40. Wang HT, Miller JH, Avissar NE, Sax HC: Small bowel adaptation is dependent on site of massive enterectomy. J Surg Res 84:94-100, 1999.
41. Iannoli P, Miller JH, Wang HT, Bode B, Souba WW, Avissar NE, Sax HC: Characterization of the L-leucine transport system in brush border membranes from human and rabbit small intestine. Metabolism 48: 1432-1436, 1999.
42. Avissar NE, Wang HT, Miller J, Iannoli P, Sax HC: Epidermal growth factor receptor is increased in rabbit brush border membrane after small bowel resection. Dig Dis Sci 45:1145-1152, 2000.
43. Ray EC, Avissar NE, Salloum R and Sax HC: Growth hormone and epidermal growth factor alter the relative contributions of intestinal glutamine transport systems. Surg. Forum 52; 5-6, 2001.
44. Wang HT, Sax HC: Incidental appendectomy in the era of managed care and laparoscopy. J Am Col of Sur 192:182-188, 2001.
45. Avissar NE, Ziegler TR, Wang HT, Gu LH, Miller JH, Iannoli P, Leibach FH, Ganapathy V, Sax HC: Growth factors regulation of rabbit sodium-dependent neutral amino acid transporter ATB⁰ and oligopeptide transporter 1 mRNAs expression after enterectomy. JPEN 25, 65-72, 2001.
46. Avissar NE, Ryan CK, Ganapathy V, Sax HC: Na(+)-dependent neutral amino acid transporter ATB(0) is a rabbit epithelial cell brush-border protein. Am J Physiol Cell Phys 281:C963-971, 2001.
47. Ray EC, Avissar NE, Sax HC: Growth hormone and epidermal growth factor alter the relative contribution of intestinal glutamine transport systems. Surg Forum 52:5-6, 2001.
48. Ray EC, Avissar NE, Sax HC: Growth factor regulation of enterocyte nutrient transport during intestinal adaptation. Am J Surg 183: 361-371, 2002.
49. Ray EC, Avissar NE, Vukcevic D, Toia L, Berlanga-Acosta J, Sax HC: Growth hormone and epidermal growth factor together enhance amino acid transport systems B(0,+) and A in remnant small intestine after massive enterectomy. J Surg Res 113:257-263, 2003.

50. Ray EC, Nickels M, Sayeed S, Sax HC: Predicting success after gastric bypass: the role of psychosocial and behavioral factors. Surgery 134:555-564, 2003.
51. Jonas CR, Gu LH, Nkabyo Y, Mannery YO, Avissar NE, Sax HC, Jones DP, Ziegler TR: Glutamine and KGF each regulate extracellular thiol/disulfide redox and enhance proliferation in Caco-2 cells. Am J Physiol Reg Integr Comp Physio 285:R1421-1429, 2003.
52. Avissar NE, Ziegler TR, Toia L, Gu L, Ray EC, Berlanga-Acosta J, Sax HC: ATB⁰/ASCT2 expression in residual rabbit bowel is decreased after massive enterectomy and is restored by growth hormone treatment. J Nutr 134:2173-2177, 2004.
53. Ray EC, Avissar NE, Salloum R, Sax HC: Growth hormone and epidermal growth factor upregulate specific sodium-dependent glutamine uptake systems in human intestinal C2Bbe1 cells. J Nutr 135:14-18, 2005.
54. Avissar NE, Toia L, Sax HC: Epidermal growth factor and/or growth hormone induce differential, side specific signal transduction protein phosphorylation in enterocytes. JPEN 29:322-336, 2005.
55. Oppong BA, Nickels MW, Sax HC: The impact of a history of sexual abuse on weight loss in gastric bypass patients. Psychosomatics 47:108-111, 2006.
56. Sax, HC, Browne, P: The rationale for Crew Resource Management. J Vasc Access 7:63-67, 2006.
57. Avissar NE, Sax HC and Toia L: In human enterocytes, GLN transport and ASCT2 surface expression induced by short term EGF are MAPK, P13K and Rho dependent. Dig. Dis. Sci. 53:2113-2115, 2008.
58. Bond DS, Raynor HA, Vithiananthan S, Sax, HC, Pohl D, Roye GD, Ryder BA, Wing RR: Differences in salivary habituation to repeated presentations of a taste stimulus in bariatric surgery candidates and normal weight individuals. Obesity Surgery 19: 873-878, 2009.
59. Sax HC, Browne P, Mayewski, RJ, Panzer RJ, Hittner KC, Burke RL, Coletta S: Can aviation based team training elicit sustainable behavioral change? Arch Surg 144: 1133-1137, 2009.
60. Bond DS, Vithiananthan S, Leahey TM, Thomas JG, Sax HC, Pohl D, Roye GD, Ryder B, Giovanni J, Wing RR: Prevalence and degree of sexual dysfunction in a sample of women seeking bariatric surgery. Surgery for Obesity and Related Diseases 5:698-704, 2009.
61. Bond DS, Jakicic JM, Leahey T, Thomas JG, Vithiananthan S, Pohl D, Roye D, Ryder BA, Sax HC, Wing RR: Objective quantification of amount and intensity of physical activity in bariatric surgery candidates and normal weight controls. Surgery for Obesity and Related Diseases 6:72-78, 2010.

62. Lasser MS, Haleblan G, Renzulli J, Sax HC, Pareek G: An unbiased prospective report of perioperative complications of robot-assisted laparoscopic radical prostatectomy. Urology 75: 1083-1089, 2010.
63. Bond DS, Jakicic JM, Unick JL, Vithianathan S, Pohl, D, Roye, GD, Ryder, BA, Sax, HC, Wing, RR: Pre and postoperative physical activity changes in bariatric surgery patients: self report versus objective measures. Obesity 18:2395-2397, 2010.
64. Bond DS, Unick JL, Jakicic JM, Vithianathan S, Pohl D, Ryder BA, Sax HC, Giovanni J, Wing R: Objective assessment of time spent being sedentary in bariatric surgery candidates. Obesity Surgery 21:811-814, 2011.
65. Bond DS, Wing RR, Vithianathan S, Sax HC, Roye GD, Ryder BA, Pohl, D, Giovanni J: Significant resolution of female sexual dysfunction after bariatric surgery. Surgery for Obesity and Related Diseases 7:1-7, 2011.
66. Leahey TM, Bond DS, Raynor H, Roye D, Vithianathan S, Ryder BA, Sax HC, Wing RR: Effects of bariatric surgery on food cravings: do food cravings and the consumption of craved foods “normalize” after surgery? Surgery for Obesity and Related Diseases 8:84-91, 2012.
67. Berci G, Hunter J, Morgenstern L, Arregui M, Brunt M, Carroll B, Edye M, Fermelia D, Ferzli G, Greene F, Petelin J, Phillips E, Ponsky J, Sax H, Schwaitzberg S, Soper N, Swanstrom L, Traverso W: Laparoscopic cholecystectomy: first, do no harm; second, take care of bile duct stones. Surgical Endoscopy. 27:1051-4, 2013.
68. Sax HC: Practitioner application. Journal of Healthcare Management 59:237-8, 2014.

RESEARCH PAPERS (NON- PEER REVIEWED)

1. Sax HC: Can early enteral feeding reduce postoperative sepsis and multiple organ failure? A review of recent studies. JCCN 1:5-14, 1993.
2. DeLegge MH, Sax HC, Zaloga GP: An illustrated guide to enteral access, Part 2: Practical aspects of specific techniques. JCCN 3:26-36, 1996.
3. Sax, HC: Improving clinical outcomes in the intensive care unit with immunonutrition. JCCN 4:25-32, 1997.
4. Perkins F, Jones J, Rodeout KH, Sax H: Symposium: postoperative pain management according to protocols at the University of Rochester. Contemp Surg 49:91-103, 1996.

BOOKS AND BOOK CHAPTERS

1. Sax HC, Warner BW: Nutrition. In Nussbaum MS (Ed.), The Mont Reid Handbook. Chicago: Year Book Medical Publishers, 1987. Pp. 32-48.
2. Sax HC: Nutritional Support in Pancreatitis. In Lang CL (Ed.), Nutritional Support in Critical Care. Rockville, MD: Aspen Publishers, Inc., 1987. Pp. 265-273.
3. Sax HC and Fischer JE: Malnutrition. In Dent TL, Kukora JS, Leibrandt TJ (Eds.), Surgical Tips. New York: McGraw-Hill Book Co., 1988. Pp. 137-161.
4. Sax HC and Hasselgren PO: Indications. In Fischer JE (Ed.), Total Parenteral Nutrition. Boston: Little, Brown & Co., 2nd Edition, 1991. Pp. 3-11.
5. Sax HC and Souba, WW: Enteral and Parenteral Feedings: Guidelines and Recommendations. In Corman LC (Ed.), Medical Clinics of North America. Philadelphia: W. B. Saunders Company, 77:863-880, 1993.
6. Sax HC: Complications of Total Parenteral Nutrition and Their Prevention. In Rombeau JL (Ed.), Clinical Nutrition Parenteral Nutrition. Philadelphia: W. B. Saunders Company, 2nd edition, 1993. Pp. 367-381.
7. Sax HC: Metabolic Response to Injury. In Ford EG, Andrassy R (Eds.), Pediatric Trauma: Initial Assessment and Management. New York: W.B. Saunders Co. 1994. Pp. 361-367.
8. Lord, LM and Sax, HC: The Role of the Gut in Critical Illness. In Clochesy JM (Ed.), AACN Clinical Issues in Critical Care Nursing. Philadelphia: J. B. Lippincott Company, 5: 450-458, 1994.
9. Sax HC: Early nutritional support in critical illness is important. Critical Care Clinics of North America. 12:661-666, 1996.
10. Sax HC, Souba WW: Nutritional Goals and Macronutrient Requirements. ASPEN Nutrition Support Practice Manual. 2-1 to 2-5, 1998.
11. Sax, HC: Nutritional Support in the Critically Ill. in Cameron JL (Ed.) Current Surgical Therapy. 6th Edition. New York: Mosby, 6th edition, 1998 pp 1143-1145.
12. Wang HT, Sax HC: Total Parenteral Nutrition: Effects on the Small Intestine. In Rombeau JL (Ed.), Clinical Nutrition: Parenteral, 3rd edition New York; W.B. Saunders Co. 2001 pp 353-365.
13. Iannoli P, Sax HC: Abdominal Adhesions, in Cameron JL (Ed.) Current Surgical Therapy. St. Louis: Mosby 7th Edition, 2001 pp 174-177.
14. Salloum R, Sax HC: Parenteral Nutrition in Adults. In Rakel R, Bope E (Eds.) Conn's Current Therapy Philadelphia: Elsevier, 2003 pp668-675.
15. Lipp J, Sax HC: Novel Immune Nutrients in Critical Illness. In Cresci G, (Ed) Nutrition Support for the Critically Ill Patient. Boca Raton: Taylor and Francis, 2005 pp: 173-189.

16. Sax HC: Causes of Intestinal Failure in the Adult. In Langnas A. (Ed.), Intestinal Failure: Diagnosis, Management, and Transplantation. Oxford: Blackwell Publishing. 2008 pp. 88-92.
17. Sax, HC: Management of the Short Bowel Syndrome. In Cameron JL, Cameron A (Eds.) Current Surgical Therapy. 11th edition, Philadelphia: Elsevier, 2011 pp. 124-127.
18. Sax HC: Building High Performance Teams in the Operating Room. In Sanchez, J (Ed) Surgical Clinics N. America Philadelphia: WB Saunders, 2012 pp.15-19.
19. Sax HC and Gewertz BL: Understanding Emotional Intelligence and Its Role in Leadership. In Kibbe MR, Chen H (Eds.) Succeeding in Academic Surgery. New York: WB Saunders, 2014 (in press.)

LETTER TO THE EDITORS

1. Sax HC, and Hurst JM: Fluoroscopic placement of nasoenteric tubes. Crit Care Med 15:802-803, 1987.
2. Pata JM, Sax HC: Ventilatory status and patient diagnosis (letter). J Am Diet Assoc 91:1378, 1991.
3. Sax HC: A simple endoscopic technique for nasoenteric feeding tube placement (comment). J Am Coll Surg 181:109-110, 1995.
4. Bond DS, Jakicic JM, Unick JL, Vithiananthan S, Pohl D, Roye GD, Ryder BA, Sax HC, Wing RR: Pre to postoperative physical activity changes in bariatric surgery patients: self report versus objective measures. Obesity (Short Communications) 1-3, 2010.
5. Sax HC: Passover in a land of freed slaves. J Israeli Mil Med 7: 109-110, 2011.

REVIEWS

1. Sax HC and Bower RH: Hepatic complications of total parenteral nutrition. JPEN 12:615-618, 1988.
2. Sax HC, Penn I: Zollinger-Ellison syndrome. Contemp Surg 36:43-46, 1990.
3. Sax HC: Somatostatin in the management of gastrointestinal fistulas: a multicenter trial. (Current Summary). JPEN 16:290-291, 1992.
4. Sax HC: Composition of fat in enteral diets can influence outcome in experimental peritonitis (Current Summary). JPEN 16:87, 1992.
5. Sax HC: Clinical and metabolic efficacy of glutamine - supplemented parenteral nutrition after bone marrow transplantation. A randomized, double-blind, controlled study. (Current Summary) JPEN 16:589-590, 1992.

6. Sax HC: Upregulation of nutrient transport in fetal rabbit intestine by transamniotic substrate administration (Current Summary). JPEN 17:96-97, 1993.
7. Sax HC: Effect of total parenteral nutrition on amino acid and glucose transport by the human small intestine (Current Summary). JPEN 18:86, 1994.
8. Sax HC: Effective total parenteral nutrition plus morphine on bacterial translocation in rats (Current Summary). JPEN 18:380-381, 1994.
9. Sax HC: Gastric acid secretion and vitamin B₁₂ absorption after vertical roux-en-y gastric bypass for morbid obesity (Current Summary) JPEN 18:470, 1994.
10. Sax HC: Arginine stimulates wound healing and immune function in elderly human beings (Current Summary) JPEN 18:559-560, 1994.
11. Sax HC: Limited review: Colonic ischemia after aortic reconstruction. Curr Surg 51:416-419, 1994.
12. Sax HC: Long-term morbidity following jejunioileal bypass: the continuing potential need for surgical reversal (Current Summary) JPEN 19:328-329, 1995.
13. Sax HC: TPN-induced sympathetic activation is related to diet, bacterial translocation, and an intravenous line (Current Summary) JPEN 19:419-420, 1995.
14. Sax HC: New treatment for patients with short bowel syndrome: growth hormone, glutamine and a modified diet. (Current Summary). JPEN 20:375-376, 1996.
15. Sax HC: Improving clinical outcomes in the intensive care unit with immunonutrition. J Crit Care Nutrition 4:25-32, 1997.
16. Iannoli P, Miller JH, Ryan CK, Sax HC: Enterocyte nutrient transport is preserved in a rabbit model of acute intestinal ischemia. JPEN 22:387-392, 1998.
17. Lord LM, Schaffner R, Decross AJ, Sax HC: Management of the patient with short bowel syndrome. AACN Clinical Issues 11: 604-618, 2000.
18. Sax HC: Effect of immune enhancing formulas in general surgery patients JPEN 25: S19-S23, 2001.
19. Ray EC, Avissar NE, Sax HC: Methods used to study intestinal nutrient transport: past and present. J Surg Res 108: 180-190, 2002.
20. Wooley J, Sax HC: Understanding indirect calorimetry – a practical approach. Nutr Clin Pract 18:434-439, 2003.
21. Sax HC: Immunonutrition in upper gastrointestinal surgery. Nutr Clin Pract 20:540-543, 2005.

EDITORIALS

1. Sax, HC: Editorial Comments: Total parenteral nutrition-associated liver dysfunction. Comment on: Nutrition 10:255-260, 1994.
2. Sax HC: The future for the patient with severe short gut syndrome. Nutrition. 16:618- 619, 2000.
3. Sax HC: Are dietary fats antitumor agents? JPEN 26:290, 2002.
4. Sax HC: Specific nutrients in intestinal failure: one size fits no one. Gastroenterology 130(2 Suppl 1): S93-116, 2006.
5. Sax HC: Improving patient safety with the use of surgical checklists. Medicine and Health Rhode Island 92:265-6, 2009.
6. Sax HC: Selecting the “best” weight loss procedure: more may be better. Arch Surg 146:155, 2011.
7. Sax HC: Questioning the economics of bariatric surgery. Arch Surg 147: 640-641, 2012.
8. Sax HC: Practitioner Application: Model for profiling physicians across domains of care. J Healthcare Mgmt 59: 238-239, 2014.

SELECTED INVITED PRESENTATIONS

1. Update on Enteral Nutrition, Surgical Grand Rounds, Strong Memorial Hospital, Rochester, NY. January 20, 1990.
2. Practicalities of Lipids: Autoimmune Disease, ICU Patient, Vascular Disease, Advances in Nutritional Pharmacology Symposium, Salt Lake City, UT. January 24, 1990.
3. Advances in Enteral Nutrition, Upstate New York Society for Parenteral and Enteral Nutrition Annual Meeting, Rochester, NY. April 26, 1990.
4. GI Immunity and Nutrition, Nutrition Symposium, Flushing Hospital, Flushing, NY. May 24, 1990.
5. Preserving the Gut Mucosal Barrier and Immune Response, Western Michigan Dietetic Association, Grand Rapids, MI. November 6, 1990.
6. Postoperative Nutritional Support, Vermont Dietetics Committee Symposium, Burlington, VT. November 9, 1990.
7. Nutrition and the Immune System, Rochester General Hospital, Rochester, NY.

November 13, 1990.

8. Nutritional Support in the Critically Ill ICU Patient, Visiting Professor, Department of Surgery, University of Texas, Houston, TX. January 3, 1991.
9. Surgical Nutrition, Visiting Professor, Department of Surgery Keesler Air Force Base Hospital, Biloxi, MS. February 21, 1991.
10. Nutrition in the Critically Ill Patient, National Dietetics Month Symposium, Highsmith-Rainey Memorial Hospital, Fayetteville, NC. March 12, 1991.
11. Update - Surgical Nutrition, Upstate New York Chapter, American College of Surgeons, Rochester, NY. May 10, 1991.
12. Peripheral Total Parenteral Nutrition, Annual Meeting, Illinois Family Practice Association, Chicago, IL. August 2, 1991.
13. Parenteral Nutritional Support in the ICU Patient, Second Annual Meeting, Michigan Society for Parenteral and Enteral Nutrition, Traverse City, MI. September 21, 1991.
14. Nutritional Support in Pancreatitis, Wisconsin Society for Parenteral and Enteral Nutrition, Medical College of Wisconsin, Milwaukee, WI. September 26, 1991.
15. Nutritional Support in Catabolic Patients, Wisconsin Society for Parenteral and Enteral Nutrition, Medical College of Wisconsin, Milwaukee, WI. September 27, 1991.
16. Decision Making in Critical Care Nutrition, Upstate New York Chapter - Society for Parenteral and Enteral Nutrition, Cornell University, Ithaca, NY. October 26, 1991.
17. Nutritional Support in the Critically Ill, Visiting Professor, Harper Hospital/Wayne State College of Medicine, Detroit, MI. February 15, 1992.
18. Enteral vs. Parenteral Nutrition, Visiting Lecturer, Department of Nutrition and Family Studies, Andrews University, Berrien Springs, MI. March 11, 1992.
19. Parenteral Nutrition and Gut Barrier Translocation, Contemporary Issues in Nutrition Support – 1992. The Western New York Consortium for Nutrition Support, Buffalo, NY. March 12, 1992.
20. Nutritional Support in the Critically Ill, Visiting Professor, Department of Surgery, University of Vermont School of Medicine, Burlington, VT. March 18, 1992.
21. The Glutamine Issue in Nutritional Support of Oncology Patients at conference on A Nutritional Approach for Oncology Patients, Pittsford, NY. April 30, 1992.
22. Critical Care Nutrition, Symposium on Critical Care, University of Rochester, Rochester, NY. May 15, 1992.

23. Nutrition in Surgical Management, Fourth Clinical Meeting of Chief Surgical Residents, New Orleans, LA. October 9, 1992.
24. Support of the Trauma Patient: Access for Enteral Feeding, and Nutritional Support of the Critically Ill Patient, Annual Nutrition Symposium, University of Alabama, Birmingham, AL. November 6, 1992.
25. Early Postoperative Feeding in Surgical and Critically Ill Patients, Visiting Professor, McLaren Regional Medical Center, Michigan State University, College of Human Medicine, Flint, MI. January 7, 1993.
26. Surgical Nutrition, and Enterocutaneous Fistulas and the Short-Gut Syndrome, Visiting Professor, Department of Surgery, University Hospital, University of Puerto Rico, San Juan, PR. January 14, 1993.
27. Methods for Optimizing the Outcome of Nutritional Support, Postgraduate course: Monitoring and Managing Nutritional Support in Critical Care, American Society for Parenteral and Enteral Nutrition Clinical Congress, San Diego, CA. February 14, 1993.
28. Indications for Home TPN, National Medical Care League of IV Therapy Education, Pittsburgh, PA. March 23, 1993.
29. Surgical Nutrition, Surgical Grand Rounds, University of Rochester Medical Center, Rochester, NY. June 5, 1993.
30. Nutritional Support of the Critically Ill Patient, North Texas Society for Parenteral and Enteral Nutrition, Dallas, TX. July 21, 1993.
31. Enterocutaneous Fistula and the Short Bowel Syndrome, Iowa Chapter ASPEN, Des Moines, IA. September 10, 1993.
32. Nutritional Support of the Critically Ill Patient, Visiting Professor, Baylor University Medical Center, Dallas, TX. October 6, 1993.
33. Nutritional Support of the Trauma and Critical Care Patient, Visiting Professor, Cooper Trauma Center, University of Medicine and Dentistry of New Jersey, Camden, NJ. October 7, 1993.
34. Gut Translocation, The First International Critical Care Symposium on the Niagara Frontier, Niagara Falls, NY. October 8, 1993.
35. Immunonutrition, Great Basin ASPEN Chapter of NW Nevada, Reno, NV. October 23, 1993.
36. Improving Outcome in Critical Care: Nutritional Immunology, 76th Annual American Dietetics Association Meeting, Breakfast with the Experts program, Anaheim, CA. October 26, 1993.
37. Early Enteral Feeding - What to Feed, When to Feed, and How to Obtain Access, Visiting Professor, University of Arizona Medical Center, Tucson, AZ. October 27, 1993.

38. Immunonutrition, Arkansas A.S.P.E.N. Chapter Meeting, Little Rock, AR. November 4, 1993.
39. Early Post Operative Feeding, Visiting Professor, University of Arkansas Medical Center, Little Rock, AR. November 4, 1993.
40. Early Post Operative Feeding in the Critically Ill Patient, Surgical Grand Rounds, Allegheny General Hospital, Pittsburgh, PA. December 7, 1993.
41. Therapy of the Short-Gut Syndrome, Surgical Grand Rounds, University of South Alabama, Mobile, AL. January 13, 1994.
42. Practical Aspects of Immunonutrition, The Second Annual Meeting of Master Clinical Dietitians, San Antonio, TX. January 29, 1994.
43. The Impact of Nutrition on Immune Function, Postgraduate Course, 18th Clinical Congress American Society for Parenteral and Enteral Nutrition, San Antonio, TX. January 30, 1994.
44. Immunonutrition, Scientific presentations to Visiting Buffalo Surgical Society at University of Rochester Medical Center, Rochester, NY. February 25, 1994.
45. Early Enteral Feeding, The Genesee Hospital, Rochester, NY. March 15, 1994.
46. Nutrition in the Post Operative Patient, Surgical Grand Rounds, Louisiana State University Medical Center, New Orleans, LA. April 6, 1994.
47. Nutrition in the Post Operative Patient, Surgical Conference, Ochsner Medical Foundation, New Orleans, LA. April 7, 1994.
48. Early Postoperative Feeding in the Critically Ill Patient, Medical Grand Rounds, St. Mary's Hospital, Rochester, NY. April 12, 1994.
49. Early Post Operative Feeding of the Critically Ill Patient, Visiting Professor, Duke University Medical Center, Durham, NC. April 14, 1994.
50. Early Post Operative Feeding of the Surgical Patient, Visiting Professor, Eastern Virginia Medical School, Norfolk General Hospital, Norfolk, VA. April 15, 1994.
51. Nutritional Support in the Trauma Patient, Visiting Professor, Montreal General Hospital, Montreal, QC. May 5, 1994.
52. Early Enteral Feeding in the Critical Care Patient, Management of Complex Enterocutaneous Fistula, Throckmorton Surgical Society, Surgical Symposium on Critical Care, Iowa Chapter-American College of Surgeons, Des Moines, IA. May 6, 1994.
53. Early Post Operative Feeding of the Surgical Patient, Surgical Grand Rounds, St. Francis Medical Center, University of Medicine and Dentistry of New Jersey, Trenton, NJ.

May 25, 1994.

54. Immunocompetence and Improving Clinical Outcomes, The North Carolina Dietetic Association Annual Meeting, Greensboro, NC. June 7, 1994.
55. Surgical Nutrition, Visiting Professor, Roper Hospital, University of South Carolina, Charleston, SC. June 8, 1994.
56. Early Post Operative Feeding of the Critically Ill and Surgical Patients, Visiting Professor, McMaster University Hospital, Hamilton, ON. September 21, 1994.
57. Early Post Operative Feeding of the Critically Ill and Surgical Patients, United Health Services Hospitals - Wilson Hospital, Johnson City, NY. September 29, 1994.
58. Early Post Operative Feeding, Consensus Conference of the Connecticut Society of Parenteral and Enteral Nutrition, Rocky Hill, CT. November 12, 1994.
59. The Benefits of Enteral Feeding vs. Parenteral Feeding, Mobile Surgical Society, Mobile, AL. January 12, 1994.
60. Assessing Clinical Outcomes - Do In Vitro Changes Reflect Real-life Results? 19th Clinical Congress, American Society Parenteral and Enteral Nutrition, Miami Beach, FL. January 16, 1995.
61. Visiting Professor, University of Hawaii, Honolulu, HI. February 16 - 22, 1995.
62. Nutritional Support in the Critically Ill, Ithaca Dietician's Meeting, Ithaca, NY. March 21, 1995.
63. New Advances of Nutrition Support, Nutrition Day Seminar, Andrews University, Berrien Spring, MI. March 30, 1995.
64. Advances in Nutritional Support, Mercy-Memorial Medical Center, St. Joseph, MI. March 30, 1995.
65. Short-Gut Syndrome, Visiting Professor, Medical College of Virginia, Division of Gastroenterology, Richmond, VA. April 17, 1995.
66. Enterocutaneous Fistulas and the Short-Gut Syndrome, Grand Rounds, University of Massachusetts Medical Center, Worcester, MA. May 24, 1995.
67. Update on Surgical Nutrition, Auburn Memorial Hospital, Auburn, NY. June 26, 1995.
68. Short-Gut Syndrome, and Achieving Enteral Access, Surgical ICU Conference, University of Minnesota, Minneapolis, MN. July 6, 1995.
69. Hormonal Manipulation of Small Bowel Adaptation, 16th Annual Gut Hormone Symposium, Florissant, CO. July 25, 1995.

70. Nutrition in the 90's. Butterworth Hospital, Michigan State University, Grand Rapids, MI. September 13, 1995.
71. Marriott Clinical Update, Park Ridge Education Center, Rochester, NY. September 15, 1995.
72. Improving Clinical Outcomes with Immunonutrition, The Fourth Annual Meeting of Master Clinical Dietitians, Washington, DC. January 13, 1996.
73. Critical Care I: Nutrition Support of the Critical Care Patient, Post Graduate Course # 2; Forging an Alliance: The Nurse Practitioner/Doctor Relationship, The Nurse Practitioner as a Physician Extender: One Surgeon's View, 20th Clinical Congress, American Society Parenteral and Enteral Nutrition, Washington, DC. , January 14-17, 1996
74. Cost Effectiveness of Nutritional Support, Medical Grand Rounds, Park Ridge Hospital, Rochester, NY. January 30, 1996.
75. Symposium, North Pennsylvania Dietetic Association; Improving Patient Outcomes in the Critically Ill Patient, Health Center Grand Rounds, Veteran Affairs Medical Center; and Grand Rounds, St. Vincent Health Center, Erie, PA. February 1-2, 1996
76. Early Postoperative Feeding, Surgical Grand Rounds, Fitzgerald Mercy Hospital, Darby, PA. March 14, 1996.
77. Early Enteral Feeding and Access, Grand Rounds, Nassau County Medical Center, East Meadow, NY. December 18, 1996.
78. Control Group Issues/Other Problems With Prospective Randomized Controlled Trials, American Society for Parenteral and Enteral Nutrition, 21st Clinical Congress, San Francisco, CA. January 16, 1997.
79. Nutrition Support - A Practical Approach. Seminar, Martin Memorial Medical Center, Stuart, FL. March 27, 1997.
80. Options in Management of Short-Gut Syndrome, Central New York Surgical Society Spring Meeting, Syracuse, NY. April 3, 1997.
81. Current and Future Nutritional Therapy in the United States, Korean Study Group of Surgical Metabolism and Nutrition, Seoul, KOR. September 25, 1998.
82. Moderator: Inflammatory Bowel Disease, International Symposium: Growth Factors and Nutrients in Intestinal Health and Disease, Osaka, JP. November 3, 1998.
83. Clinical Nutrition. Surgical Grand Rounds, Strong Memorial Hospital. December 9, 1999.
84. Nutrition Support in the Hospitalized Patient. Medical Grand Rounds, Strong Memorial Hospital. March 16, 2000.

85. Enterocutaneous Fistulas and the Short-Gut Syndrome, Medical College of Georgia, Augusta, GA. May 5, 2000.
86. Therapy of Enterocutaneous Fistulas and the Short Gut Syndrome, Grand Rounds, Department of Surgery, University of Oklahoma. September 13, 2000.
87. Physiology of Nutrient Transport. Western New York Dietetic Association, Buffalo, NY. October 5, 2000.
88. Therapy of Enterocutaneous Fistulas and the Short Gut Syndrome. Mid-Atlantic Society for Parenteral and Enteral Nutrition, Greensboro, NC. October 6, 2000.
89. Perioperative Nutrition in the Patient with Gastrointestinal Disease. Post Graduate Course, American College of Surgeons, Clinical Congress, Chicago, IL. October 22, 2000.
90. Lessons from the Cockpit; The Surgical Team and Crew Resource Management. Surgery/Anesthesiology Grand Rounds, University of Rochester. November 2, 2000.
91. Enterocutaneous Fistulas. Medical/Surgical Grand Rounds. *Hermanos Ameijeiras* Clinical Surgical Hospital, Havana, Cuba. March 29, 2001.
92. Lessons from the Cockpit: the Surgical Team and CRM. Sacramento Surgical Society, Visiting Professor, University of California, Davis. June 7-8, 2001.
93. Parenteral Research. Harvard Medical School Nutrition CME Course. November 4-6, 2001.
94. Short Gut Syndrome – Options and Traps – Surgery Grand Rounds. University of Rochester. January 10, 2002.
95. Intravenous Access Devices. Nutrition for the Practicing Clinician. American Society for Parenteral and Enteral Nutrition. San Diego, CA. February 22, 2002.
96. Use of Immune Enhancing Formulas in General Surgery. American Society for Parenteral and Enteral Nutrition. San Diego, CA. February 25, 2002.
97. Lessons from the Cockpit: the Surgical Team and CRM. Visiting Professor, University of South Florida, Tampa, FL. June 14, 2002.
98. Predicting Success After Gastric Bypass – Behavioral Factors. Northeast Regional Symposium on Obesity. Rochester, NY September 26, 2002.
99. Bariatric Surgery- Yes or No? Arnot Ogden Medical Center, Elmira, NY. November 9, 2002.
100. Course Director – Teambuilding in the OR – It’s More than CRM. University of Rochester Medical Center. March 8, 2003.

101. What Can Aviation Teach Medicine About Safety? Greater Rochester Quality Council. Rochester, NY. May 29, 2003.
102. Lessons from the Cockpit: The Surgical Team and Crew Resource Management. Visiting Professor, Emory University, Atlanta. September 24-26, 2003.
103. NIH Research Initiatives in Bariatric Surgery. 2nd Northeast Regional Symposium on Obesity. Rochester, NY. October 2, 2003.
104. Course Director – Lessons from the Cockpit – What Aviation Can Teach Medicine about Teambuilding and Safety. University of Rochester Medical Center. November 15, 2003.
105. Trophic Factor Modulation of Adaptation Upstate New York ASPEN Annual Meeting. Rochester, NY. November 20, 2003.
106. NIDDK/ASPEN Intestinal Failure Workshop Moderator – “Novel Trophic Factors in Gut Failure. Las Vegas, NV. February 7, 2004.
107. Course Director – Lessons from the Cockpit – What Aviation Can Teach Medicine about Teambuilding and Safety. University of Rochester Medical Center. March 9, 2004; October 13, 2004; March 16, 2005.
108. Lessons from the Cockpit: Improving Surgical Team Performance; Options in the Therapy of Morbid Obesity. Visiting Professor, Cleveland Clinic Foundation, Cleveland. Aug 24-25, 2004.
109. What Can Aviation Teach Medicine About Team Building and Safety? Surgery Grand Rounds, Brown University School of Medicine, Providence, RI. September 30, 2004.
110. Surgical Options in the Treatment of Obesity – Infertility Update, University of Rochester, November 2, 2004.
111. Bariatric Surgery - NYSPANNA postoperative nurses conference. Rochester, NY. February 5, 2005.
112. Lessons from Aviation – Patient Safety University of Buffalo Medical Grand Rounds, Buffalo, NY. February 16, 2005.
113. Lessons from the Cockpit ; Options in the Therapy of Short Bowel Syndrome. Visiting Professor Department of Surgery, Berkshire Medical Center, Pittsfield, MA. August 19, 2005.
114. Integrating Checklists into the OR – Lessons from Aviation. AORN, Boston, MA. October 15, 2005.
115. Lower Gastrointestinal Bleeding – Etiology and Epidemiology. Post graduate Course, American College of Surgeons Clinical Congress. San Francisco, CA. October 17, 2005.
116. Teambuilding and Simulation – Lessons from Aviation. American College of Surgeons Clinical Congress, San Francisco, CA. October 19, 2005.

117. Evidence – based Nutrition Support – Specialty IV formulations and the Morbidly Obese. American College of Surgeons Clinical Congress, San Francisco, CA. October 19, 2005.
118. Growth Factor Modulation of Adaptation - Stanley Dudrick Symposium, ASPEN, Dallas, TX. February 12, 2006
119. Lessons from the Cockpit - Surgery Grand Rounds, University of Texas Southwestern, Dallas TX. February 15, 2006
120. Lessons from the Flight Deck - Medicine Grand Rounds, Rhode Island Hospital, Providence, RI. April 18, 2006.
121. SCIP: Working Toward High Reliability - SIP/SCIP Collaborative Conference, Marlborough, MA. March 9, 2006.
122. What Surgery Can Learn from Aviation about Team Functioning - Hawaii Chapter, American College of Surgeons, Honolulu, HI. August 12, 2006.
123. Lessons from the Cockpit – Measuring Surgical Quality – Visiting Professor, University of Hawaii, Honolulu, HI. August 14 – 17, 2006.
124. Surgical Options in Morbid Obesity – Coastal Medical, Fall CME Symposium, Newport, RI. September 13, 2006.
125. Short Bowel Syndrome: Disease Spectrum from the Surgical Perspective. American College of Surgeons Clinical Congress, Chicago, IL. October 8, 2006.
126. Surgical Grand Rounds: Lessons from the Flight Deck. Massachusetts General Hospital, Boston, MA. October 26, 2006.
127. What Aviation Can Teach Medicine about Patient Safety. Johns Hopkins Medical Biennial Meeting, Baltimore, MD. June 2, 2007.
128. Lessons from the Flight Deck. Keynote Address: A.S.P.E.N. Clinical Nutrition Week. Chicago, IL. February 10, 2008.
129. Lessons from the Flight Deck. Association of Anesthesia Clinical Directors PeriOPro Conference, Orlando, FL. March 7, 2008.
130. Master Session with Residents and Program Directors on Patient Safety. University of Buffalo School of Medicine, Buffalo, NY. April 15, 2008.
131. Bariatric Surgery. Family Medicine Grand Rounds, Brown University, Providence, RI. May 16, 2008.
132. Lessons from the Flight Deck. I.S.P.E.N. Nutrition Conference; Visiting Professor, Department of Surgery, University of Indiana, Indianapolis, IN. September 18-19, 2008.

133. Can Aviation-Based Team Training Elicit Sustainable Behavioral Change? Poster presentation at the NESS Annual Meeting, Burlington, VT. September 28-30, 2008.
134. Lessons from the Cockpit. APM Fall Symposium – ACCM Forum. Academic Internal Medicine Week., Lake Buena Vista, FL. Oct 30-Nov 2, 2008.
135. Let's Talk – Enhancing Patient Safety through Great Communication. VHATV 2008 Nursing Leadership Excellence Series, Irving, TX. Nov 11, 2008.
136. Lessons from the Flight Deck: What Aviation Can Teach Medicine About Team Building and Patient Safety. Annual James F. Hammarsten Lecture, University of Oklahoma Health Sciences Center, Oklahoma City, OK. April 1, 2009.
137. Lessons from the Flight Deck. Kent County Hospital, Warwick, RI. March 18, 2009.
138. Lessons from the Flight Deck. Memorial Hospital of Rhode Island, Pawtucket, RI. April 30, 2009.
139. Overview of the Rhode Island Universal Surgical Protocol. Hospital Association of Rhode Island, Providence, RI. June 23, 2009.
140. What Can Surgery Learn from Aviation about Safety. Ronald Fegelman Memorial Lectureship, The Jewish Hospital, Cincinnati, OH. January 15, 2010.
141. Wrong Site Surgery. Visiting Professor, Cedars Sinai Medical Center, Los Angeles, CA. September 24-25, 2010.
142. Team Training in the Operating Room – Does it Work? American College of Surgeons Clinical Congress, Washington, DC. October 6, 2010.
143. Wrong Site Surgery. Los Angeles Surgical Society, Los Angeles, CA. March 10, 2011.
144. Team Building, Communication, and Crew Resource Management. Association of Anesthesia Clinical Directors Perioperative summit. Huntington Beach, CA. March 11, 2011.
145. Creation and Maintenance of High Performance Teams. American College of Surgeons Clinical Congress Postgraduate Course. San Francisco, CA. October 25, 2011.
146. Creating a Robust Infrastructure for Physician Profiling. Advisory Board Annual Crimson Summit. Orlando, FL. May 5, 2012
147. Reap What You Sew: Accurately Coding to Reflect the work You Do. Surgery Grand Rounds, Cedars-Sinai, Los Angeles, CA. November 21, 2012.
148. Physician Profiling and Dashboards – Keys to a Successful Rollout. American College of Healthcare Executives Annual Clinical Congress. Chicago, IL. March 11, 2013

149. Measure Twice: Cut Once - Human Factors in the OR. American College of Surgeons Postgraduate Course. Chicago, IL. October 17, 2013.
150. Enhancing Communication in the OR: Seeing the Message Hidden by the Mask. American College of Surgeons Clinical Congress 2014. San Francisco, CA. October 26-27, 2014.
151. From Volume to Value - Surgeons Will Still Matter. The 14th Annual Symposium on Current Concepts in Spinal Disorders. Las Vegas, NV. January 29, 2015.

GRANTS

1. Efficacy and Mechanisms of GLN Dipeptide in the SICU
National Institutes of Health/National Institute of Diabetes and Digestive and Kidney Diseases
U01 – DK069322
01/01/06 - 7/31/09
Direct \$270,010 Total \$377,805
Principal Investigator (Site)
2. A Study of the Efficacy & Safety of Teduglutide in Subjects with Parenteral Nutrition Dependent Short Bowel Syndrome
NPS Alexis
04/07/04 - 12/31/06
Principal Investigator (Site)
3. Amino Acid Transport After Small Bowel Resection,
National Institutes of Health/National Institute of Diabetes and Digestive and Kidney Diseases
R01-DK47989
04/01/00-1/31/06
Direct \$1,517,384 Total \$2,453,897
Principal Investigator
4. Amino Acid Transport After Small Bowel Resection
National Institutes of Health/National Institute of Diabetes and Digestive and Kidney Diseases
1R29 DK47989-01A1
9/30/94 - 9/30/99
Direct \$349,705 Total \$545,540
Principal Investigator
5. Effects of Enteral and Parenteral Nutrients on the Rodent Gut
CL0600-004
Ross Laboratories 9/81 - 9/92
Principal Investigator - \$9,800.00
6. Basic Science Research Grant - 5-27192
University of Rochester 1/90 - 1/91
Principal Investigator

\$7,300.00

7. Intravenous Methylnaltrexone for Treatment of Postoperative Ileus After Ventral
Hernia Repair
Wyeth 3200L2-301-WW
The Miriam Hospital
Principal Investigator
\$180,000