

CURRICULUM VITAE

ANDREW A. GUMBS MD, FACS, FECS (hon)

PRESENT TITLE AND CURRENT AFFILIATION

2021- present	Head of Surgical Oncology, Yvelines Nord Region, France Centre Hospitalier Intercommunal Poissy/Saint-Germain-en-Laye/Mantes-la-Jolie/Meulan Yvelines-Nord Region France
2019-present	HPB Surgeon, Centre Hospitalier Intercommunal Poissy/Saint-Germain-en-Laye, Poissy, France 10 Rue du Champ Gaillard Poissy 78300 France
2021-present	Professor of Surgery Grigol Robakidze University T'bilisi, Georgia 0159
2021-present	Professor of Surgery (Hon) Otto von Guericke University Magdeburg Magdeburg, Germany
2021-present	International Advisory Board Faculty of Medicine Ivane Javakhishvili Tbilisi State University (TSU) Tbilisi, Republic of Georgia
2022-present	International Surgical Advisory Board Expert in Surgical Oncology American Hospital Tbilisi Tbilisi, Republic of Georgia

CITIZENSHIP

United States of America
European Union (Italia)
British Commonwealth (Anguilla, British West Indies)

LANGUAGES

English- langue maternelle
Italian- langue maternelle
French- fluent
Spanish- medical

UNIVERSITY AND TRAINING

UNIVERSITY

Yale University, New Haven, CT

BA, 1994, Archeological Studies

Yale University School of Medicine, New Haven, CT MD, 1998, Medicine

RESIDENCY AND FELLOWSHIPS

Clinical Residency, Categorical General Surgery (PGY 1-2), Yale-New Haven Hospital, New Haven, CT, 6/1998-6/2000

Clinical Fellowship, Pancreatic Surgery, University of Verona, Verona, Italy, 6/2000-6/2002

Clinical Residency, Categorical General Surgery (PGY 3-4), Yale-New Haven Hospital, New Haven, CT, 7/2002-6/2004

Clinical Residency, Chief General Surgery Resident (PGY 5), Yale-New Haven Hospital, New Haven, CT, 7/2005-6/2006

Clinical Fellowship, Minimal Access Surgery, New York-Presbyterian Hospital, University Hospital of Columbia and Cornell, New York, NY, 7/2005-6/2006

Clinical Fellowship, Minimally Invasive HPB, Institut Mutualiste Montsouris, Universite Rene Descartes, Paris, France, 9/2006-8/2007

Integrative Medicine Fellowship, Arizona Center for Integrative Medicine, University of Arizona, Tuscon, Arizona 8/2017-9/2019

CERTIFICATIONS

BOARDS

American Board of Surgery (ABS), 02/2006-12/2016

Recertification (ABS), 1/2017-12/2027

Epreuves de Verification des Connaissances, Chirurgie viscérale et digestive, 15/06/2021

Diplôme Inter-Universitaire, Chirurgie Cancérologique Digestive, 2019-2021

LICENSES

Medical License, NJ, 25MA08843700, 2010-2019

Medical License, NY, 234999, 1/2005-present (INACTIVE)

Medical License, Ordine dei Medici della Provincia Di Genova, Italia O.M. GE13953, 12/2009-present

FELLOWSHIPS

Fellow of the American College of Surgeons (FACS), since 2009

Fellow of the Ecuadorian College of Surgeons (FESC) (Honorary), since 2010

CERTIFICATES

USMLE Step 1, passed 2000

USMLE Step 2, passed 2001

USMLE Step 3, passed 2002

Console Surgeon, DaVinci Surgical System, May 6, 2009

EXPERIENCE/SERVICE

Academic Titles

Instructor of Clinical Surgery, Cornell-Weill Medical College, New York, NY, 7/2005-6/2006

Instructor of Clinical Surgery, Columbia University College of Physicians and Surgeons, 7/2005-11/2008

Assistant Professor of Surgery, Department of Surgical Oncology, Fox Chase Cancer Center, Philadelphia, PA, 12/2008-11/2010

Professore della Scuola di Specializzazione in Chirurgia dell'Apparato Digerente ed Endoscopia Digestiva Chirurgia, Università di Genoa, Italia, 7/2008-6/2011

Assistant Clinical Professor of Surgery, Columbia University College of Physicians and Surgeons, New York, NY 1/2013-6/2018

Nominations and Responsibilities

Surgeon (part-time), Azienda Ospedaliera Universitaria Integrata Verona U.O.C. di Chirurgia Generale e del Pancreas, Verona, Italie, 7/2005-6/2018

Chirurgien Assistant, Institut Mutualiste Montsouris, Université Rene Descartes, Paris, France, 9/2006-8/2007

Assistant Attending Surgeon, Division of Upper GI and Endocrine Surgery, New York Presbyterian Hospital, University Hospital of Columbia and Cornell, New York, NY, 9/2007-11/2008

Director, Minimally Invasive HPB Surgery, Fox Chase Cancer Center, Philadelphia, PA 12/2008-11/2010

Surgical Associate Director, MIS/Endoscopic Skills Fusion Lab, Fox Chase Cancer Center, Philadelphia, PA 12/2008-11/2010

Director, Minimally Invasive HPB Surgery, Summit Medical Group, Berkeley Heights, NJ, 1/2011-June 2018

Director of Minimally Invasive Hepatic Surgery, Overlook Hospital, Summit, NJ, 1/2014- 6/2018

Chief of Hepato-Pancreato-Biliary Surgery, Summit Medical Group-MD Anderson Cancer Center, Florham Park, NJ, 6/2017-6/2018

6/2018-3/2019 Surgeon, Azienda Ospedaliera Universitaria Integrata Verona U.O.C. di Chirurgia
01/2019-12/2019 Clinical Fellow, Centre Hospitalier Intercommunal de Poissy/Saint-Germain-en-Laye, Poissy, France

01/2020-04/2020 General Surgeon, Médecin Sans Frontières, Operational Center of Paris: Mission Hospital of Tabarre, Port-au-Prince, Haiti (02/2020-03/2020)

01/2020-09/2021 Director of Robotic Surgery, Department of Surgery, Centre Hospitalier Intercommunal Poissy/Saint-Germain-en-Laye, Poissy, 10 Rue du Champ Gaillard, Poissy 78300 France

Consultant

Ethicon Biosurgery, Somerville, NJ (2009-2010)

Committees

Columbia College of P&S Protocol Review and Monitoring Committee, Irving Institute Cancer Center, 2007-2008

Summit Medical Group Scholarship Committee, 2014-2017

HONORS AND AWARDS

First Place Team Epee and Overall, Inter-Collegiate Fencing Association, 1993

First Place, Team All-Ivy, Fencing, Epee, 1994

Resident Teacher Award, Yale University, 2005

Best Surgical Resident, Bridgeport Hospital Emergency Department, 2005

Top Doctor Under 40, Philadelphia Magazine, 2009

Best Oral Presentation: The Lateral Laparoscopic Approach to Lesions in the Posterior Hepatic Segments, EHPBA Bi-Annual Meeting Athens, 2009

Second Place: Best Videos Competition, AHPBA Americas, Santiago, Chile 2011

Best Doctor, US News and World Report, 2012

Top Doctor: Regional, Castle Connolly, 2012
Honoree, American Cancer Society, 2014
Top Doctor: New York Metro Area, Castle Connolly, 2013-18
Top Doctor, Inside Jersey Magazine, 2013-18
Top Doctor for Cancer, Inside Jersey Magazine, 2013-2018

RESEARCH

Grants

Michael Coe Fellowship, Archeology, Yale University, 1993
MacArthur Center Research Fellowship, Yale School of Medicine, 1995
Parasitology Travel Fellowship, Yale School of Medicine, 1997
Pancreatic Cancer Research Fellowship, Italian Ministry of Research and Universities, Rome, Italy, 2000-2002
France Foreign Researcher's Grant, Association Recherche du Cancer (ARC), 2006-2007
Storz International HPB Clinical Grant, Tuttlingen, Germany, 2006-2007
Research Grant, Philippe Foundation, Paris, France, 2006-2007
Traveling Grant, Japanese Surgical Society, Osaka, Japan, 2007
CUMC Department of Surgery Start-Up Grant: The Contribution of Changes In Hormonal and Growth Factor Levels Associated With Obesity to Pancreatic Carcinogenesis, 2007-2008
Traveling Grant, Japanese Surgical Society, Nagasaki, Japan, 2008
Equipment Grant for iNOELS Mission to Ecuador, Covidien, 2010
Equipment Grant for iNOELS Mission to Ecuador, Karl Storz, 2010
Equipment Grant for iNOELS Mission to Ecuador, Applied Medical, 2012
Arizona Center for Integrative Medicine Scholarship, 2017
OIJ (International Youth Organization) -Structuralia Scholarship for the Master's Degree in Artificial Intelligence. Model Management and Implementation, 2021

Patents and Technology Licenses

Patents

Gumbs, A.A., Milone, L. (2013). *U.S. Patent No. 8,409,080 B2*, Washington, DC: U.S. Patent and Trademark Office. Robotically-controlled Endoscope Holder

PUBLICATIONS

Total Publications=	117
Citations	7684
h-index	46
i10-index	79

Peer-Reviewed Original Research Articles

1. Durvasula RV, Gumbs AA, Panackal A, Kruglov O, Aksoy S, Merrifield RB, Richards FF, Beard CB. Prevention of insect-borne disease: an approach using transgenic symbiotic bacteria. *Proc Natl Acad Sci U S A*. 1997 Apr 1; 94(7): 3274-8.
2. Turner BC, Haffty BG, Narayanan L, Yuan J, Havre PA, Gumbs AA, Kaplan L, Burgaud JL, Carter D, Baserga R, Glazer PM. Insulin-like growth factor-I receptor overexpression mediates cellular radioresistance and local breast cancer recurrence after lumpectomy and radiation. *Cancer Res*. 1997 Aug 1; 57(15): 3079-83.
3. Turner BC, Knisely JP, Kacinski BM, Haffty BG, Gumbs AA, Roberts KB, Frank AH, Peschel RE, Rutherford TJ, Edraki B, Kohorn EI, Chambers SK, Schwartz PE, Wilson LD. Effective treatment of stage I uterine papillary serous carcinoma with high dose-rate vaginal apex radiation (192Ir) and chemotherapy. *Int J Radiat Oncol Biol Phys*. 1998 Jan 1; 40(1): 77-84.
4. Maher MG, Sapi E, Turner B, Gumbs AA, Perrotta PL, Carter D, Kacinski BM, Haffty BG. Prognostic significance of colony-stimulating factor receptor expression in ipsilateral breast cancer recurrence. *Clin Cancer Res*. 1998 Aug; 4(8):1851-6.
5. Turner BC, Zhang J, Gumbs AA, Maher MG, Kaplan L, Carter D, Glazer PM, Hurst HC, Haffty BG, Williams T. Expression of AP-2 transcription factors in human breast cancer correlates with the regulation of multiple growth factor signalling pathways. *Cancer Res*. 1998 Dec 1; 58(23): 5466-72.
6. Spector SA, Olson ET, Gumbs AA, Friess H, Buchler MW, Seymour NE. Human insulin receptor and insulin signaling proteins in hepatic disease. *J Surg Res*. 1999 May 1; 83(1): 32-5.
7. Durvasula RV, Gumbs A, Panackal A, Kruglov O, Taneja J, Kang AS, Cordon-Rosales C, Richards FF, Whitham RG, Beard CB. Expression of a functional antibody fragment in the gut of *Rhodnius prolixus* via transgenic bacterial symbiont *Rhodococcus rhodnii*. *Med Vet Entomol*. 1999 May; 13(2): 115-9.
8. Turner BC, Harrold E, Matloff E, Smith T, Gumbs AA, Beinfield M, Ward B, Skolnick M, Glazer PM, Thomas A, Haffty BG. BRCA1/BRCA2 germline mutations in locally recurrent breast cancer patients after lumpectomy and radiation therapy: implications for breast-conserving management in patients with BRCA1/BRCA2 mutations. *J Clin Oncol*. 1999 Oct; 17(10): 3017-24.
9. Turner BC, Gumbs AA, Carbone CJ, Carter D, Glazer PM, Haffty BG. Mutant p53 protein overexpression in women with ipsilateral breast tumor recurrence following lumpectomy and radiation therapy. *Cancer*. 2000 Mar 1; 88(5): 1091-8.
10. Lehman TA, Haffty BG, Carbone CJ, Bishop LR, Gumbs AA, Krishnan S, Shields PG, Modali R, Turner BC. Elevated frequency and functional activity of a specific germ-line p53 intron mutation in familial breast cancer. *Cancer Res*. 2000 Feb 15; 60(4): 1062-9.
11. Turner BC, Gumbs AA, Carter D, Glazer PM, Haffty BG. Cyclin D1 expression and early breast cancer recurrence following lumpectomy and radiation. *Int J Radiat Oncol Biol Phys*. 2000 Jul 15; 47(5): 1169-76.
12. Turner BC, Krajewski S, Krajewska M, Takayama S, Gumbs AA, Carter D, Rebbeck TR, Haffty BG, Reed JC. BAG-1: A Novel Biomarker Predicting Long-Term Survival in Early-Stage Breast Cancer. *J Clin Oncol*. 2001 Feb 15; 19(4): 992-1000.
13. Gumbs AA, Bassi C, Moore PS, Falconi M, Frigerio I, Baron A, Piemonti L, Modlin I, Scarpa A. Overexpression of the Sm-like proto-oncogene in primary and metastatic pancreatic endocrine tumors. *Journal of the Pancreas*. 2002 Jul; 3(4): 109-15.
14. Bassi C, Salvia R, Gumbs AA, Butturini G, Falconi M, Pederzoli P. The value of standard serum tumor markers in differentiating mucinous from serous cystic tumors of the pancreas: CEA, Ca 19-9, Ca 125, Ca 15-3. *Langenbecks Arch Surg*. 2002 Nov; 387(7-8): 281-5.
15. Gumbs AA, The Endocrine and Pancreatic Unit at the University of Verona, Italy. *HPB*. 2002; 4(4): 171-3.
16. Bassi C, Falconi M, Molinari E, Mantovani W, Butturini G, Gumbs AA, Salvia R, Pederzoli P. Duct-to-mucosa versus end-to-side pancreaticojejunostomy reconstruction after pancreaticoduodenectomy: results of a prospective randomized trial. *Surgery*. 2003 Nov; 134(5): 766-71

17. Bassi C, Butturini G, Molinari E, Mascetta G, Salvia R, Falconi M, Gumbs A, Pederzoli P. Pancreatic Fistula Rate after Pancreatic Resection. The Importance of Definitions. *Dig Surg*. 2004;21(1):54-9.
18. Gumbs AA, Shah RV, Yue JJ, Sumpio B. The Open Anterior Paramedian Retroperitoneal Approach for Spine Procedures. *Arch of Surg*, 2005 Apr;140(4):339-43.
19. Mansueto G, Cenzi D, D'Onofrio M, Petrella E, Gumbs AA, Mucelli RP. Treatment of Type II Endoleaks After Endovascular Repair of Abdominal Aortic Aneurysms: Transcaval Approach. *Cardiovasc Intervent Radiol*. 2005 Sep-Oct;28(5):641-5.
20. Gumbs AA, AJ Duffy, R Chandwani, and RL Bell. Jejunojejunal Anastomotic Obstruction Following Laparoscopic Roux-Y Gastric Bypass Due to Non-absorbable Suture: A Report of Seven Cases. *Obesity Surgery*, January 2006.
21. Gumbs AA, Duffy AJ, and Bell RL. Management of Gastrogastric fistula after laparoscopic Roux-Y gastric bypass. *Surg Obes Relat Dis*. 2006 Mar-Apr;2(2):117-21.
22. Gumbs AA, Duffy AJ, and Bell RL. Incidence and Management of Marginal Ulceration after Laparoscopic Roux-Y Gastric Bypass. *Surg Obes Relat Dis*. 2006 Jul-Aug; 2(4):460-3.
23. Gumbs AA, Margolis B and Bessler M. Banded Laparoscopic Roux-en-Y Gastric Bypass. *Surg Obes Relat Dis*. 2006 May-June;2(3):408-9.
24. Gagner M, Milone L, Nelson T, Broseus A, Elliot Y and Gumbs AA. Causes of early mortality after Laparoscopic Adjustable Gastric Banding. *J.A.C.S. Apr*; 2006(4):664-9.
25. Gumbs AA, Grès P, Gayet B. Totally Laparoscopic Left Hepatectomy, *Surgical Endoscopy*, 2007 Jul;21(7):1221.
26. Gumbs AA, Hanan S, Yue JJ and Sumpio B. Revision Open Anterior Approaches for Spine Procedures. *Spine J*. 2007 May-June; 7(3): 280-5.
27. Gumbs AA, Hogle NJ and Fowler D. Evaluation of Resident Laparoscopic Performance Using Global Operative Assessment of Laparoscopic Skills. *JACS* 2007 Feb; 204(2):308-13.
28. Rau BM, Kemppainen EA, Gumbs AA, Buchler MW, Wegscheider K, Bassi C, Puolakkainen PA, Beger HG. Early Assessment of Pancreatic Infections and Overall Prognosis in Severe Acute Pancreatitis (PCT): A Prospective International Multicenter Study. *Ann Surg*. 2007 May; 245(5):745-754.
29. Mansueto G, Cenzi D, Scuro A, Gottin L, Griso A, Gumbs AA, Mucelli PZ. Treatment of type II endoleak with a transcatheter transcaval approach: Results at 1-year follow-up. *J. Vasc. Surg*. 2007 ; 45(6): 1120-1127.
30. Gumbs AA, Bloom ND, Bitan FD and Hanan SH. Open Anterior Approaches for Lumbar Spine Procedures. *Am J Surg*. 2007 Jul; 194(1):98-102.
31. Gumbs AA and Gumbs MA, Why Doctors Without Borders Has Particular Relevance to Today's Graduating Surgeons. *J Surg Ed*. 2007 Sep/Oct; 64(5).
32. Mansueto G, Cenzi D, Scuro A, Gottin L, Griso A, Gumbs AA, Mucelli PZ. Endovascular Treatment of Arterial Bleeding in Patients With Pancreatitis. *Pancreatology*, 2007. *Pancreatology*. 2007;7(4):360-9.
33. Gumbs AA and Gayet B. Totally Laparoscopic Central Hepatectomy. *Journal of Gastrointestinal Surgery*. *J. Gastrointestinal Surg*. 2008 Jul;12(7):1153.
34. Gagner M, Gumbs AA, Milone L, Yung E, Goldenberg L and Pomp A. Laparoscopic Sleeve Gastrectomy in the Super-obese (BMI > 60 kg/m²). *Surg Today*. 2008;38(5):399-403.
35. Gumbs AA, Grès P, Madureira F and Gayet B. Laparoscopic vs. Open Resection of Intraductal Pancreatic Mucinous Neoplasms. *J Gastrointest Surg*. 2008 Apr;12(4):707-12.
36. Gumbs AA, Crovari F, Vidal C, Henri P and Gayet B. Modified Robotic Lightweight Endoscope (ViKY) Validation in Vivo in a Porcine Model. *Surg Innov*. 2007 Dec;14(4):261-4.
37. Gumbs AA. The Minimally Invasive Hepato-Pancreato-Biliary Fellowship at the Institut Mutualiste Montsouris (IMM), Paris, France. *HPB*. 2007;9(6):470-1.

38. Gumbs AA, Grès P, Madureira F and Gayet B. Laparoscopic vs. Open Resection of Pancreatic Endocrine Neoplasms: Single-Institution's Experience Over 14-Years. *Langenbecks Arch Surg.* 2008 May;393(3):391-5.
39. Gumbs AA, Gayet B and Gagner M. Laparoscopic Liver Resection: When to Use the Laparoscopic Stapler Device, 2008. *HPB.* ;10(4):296-303.
40. Gumbs AA and Gayet B. Laparoscopic Duodenopancreatectomy: the Posterior Approach. *Surg Endosc.* 2008 Feb;22(2):539-40.
41. Gumbs AA and Brice Gayet, VIDEO: The Lateral Laparoscopic Approach to Lesions in the Posterior Segments. *J Gastrointestinal Surg.* 2008 Jul;12(7):1154.
42. Gumbs AA, B Bar-Zakai and B Gayet. Totally Laparoscopic Extended Left Hepatectomy, *J Gastrointestinal Surg.* 2008 Jul;12(7):1152.
43. Gumbs AA, P Bouhanna, B Bar-Zakai, X Briennon and B Gayet. Laparoscopic Partial Splenectomy Using Radiofrequency Ablation. *J Laparoendosc Adv Surg Tech.* 2008 Aug;18(4):611-3.
44. Gumbs AA and Brice Gayet. Totally Laparoscopic Extended Right Hepatectomy, *Surg Endo* 2008. Sep;22(9):2076-7.
45. Gumbs AA, Gumbs MA, Gleit Z and Hopkins MA. How International Electives Could Save General Surgery. *Am J Surg.* 2009.
46. Gumbs AA, Fowler D, Milone L, Evank JC, Ude AO, Stevens P, Bessler M. Trans-vaginal Natural Orifice Transluminal Endoscopic Surgery (NOTES) Cholecystectomy: Early Evolution of the Technique. *Annals of Surg.* 2009 Jun;249(6):908-12.
47. Gumbs AA, Zain J, Neylon E, MacGregor-Cortelli B, Patterson M and OA O'Connor. The Importance of Early Splenectomy in Patients With HepatoSplenic T-cell Lymphoma and Severe Thrombocytopenia. *Annals of Surg. Oncology.* 2009;16(7):2014-7.
48. Curcillo II, Paul; Wu, Andrew; Podolsky, Erica; Graybeal, Casey; Katkhouda, Namir; Saenz, Alex; Dunham, Robert; Fendley, Steven; Neff, Mark; Copper, Chad; Bessler, Marc; Gumbs, Andrew; Norton, Michael; Iannelli, Antonio; Mason, Rodney Single Port Access (SPA) Cholecystectomy: A Multi-Institutional Report of the First 297 Cases. *Surg. Endo.* 2009.
49. Gumbs AA, Milone L, Sinha P and Bessler M. VIDEO: Totally Transumbilical Laparoscopic Cholecystectomy. *J Gastrointestinal Surg* 2009; 18(4): 611-3.
50. Gumbs AA, Milone L, Geha R, Delacroix J and Chabot JA. Laparoscopic Radical Cholecystectomy. *J Laparoendosc Adv Surg Tech* 2009; 19(5):519-20.
51. Gumbs AA. VIDEO: Laparoscopic Anterior Cystogastrostomy. *Surg Lap Endosc Percut Tech.* 2009.
52. Bessler M, Gumbs AA, Milone L, Evank J, Stevens P and Fowler D. Pure N.O.T.E.S Cholecystectomy. *Surg Endo.* 2009.
53. Gumbs AA and Hoffman JP. Laparoscopic radical cholecystectomy and Roux-en-Y choledochojejunostomy for gallbladder cancer. *Surg Endo* 2010.
54. Gumbs AA and Hoffman JP. Laparoscopic completion radical cholecystectomy for T2 gallbladder cancer. *Surg Endo* 2010.
55. Gumbs AA, Leventhal A and Hofman JP. Laparoscopic Right Hepatectomy and Partial Diaphragm, Resection. *Surg Endo.* 2010.
56. Milone L, Okhunov Z and Gumbs AA. Laparoscopic Diagnosis of Annular Pancreas in a Patient with Mucinous Cystadenoma of the Body of the Pancreas. *J. of Gastrointest Canc.* 2010.
57. Milone M and Gumbs AA. Single Incision Diagnostic Laparoscopy in a Case of Sclerosing Peritonitis. *Surg Lap Endosc Percut Tech.* 2010
58. Gill IS, Advincula AP, Aron M, Cadeddu J, Canes D, Curcillo PG 2nd, Desai MM, Evanko JC, Falcone T, Fazio V, Gettman M, Gumbs AA, Haber GP, Kaouk JH, Kim F, King SA, Ponsky J, Remzi F, Rivas H, Rosemurgy A, Ross S, Schauer P, Sotelo R, Speranza J, Sweeney J, Teixeira J. Consensus statement of the consortium for laparoendoscopic single-site surgery. *Surg Endo.* 2010.

59. Chouillard E, Gumbs AA, Dache A, Fangio P, Lacherade JC, Cherqui D. Hepatic Resection For Liver Cystic Lesions. *Minerva Chir.* 2010.
60. Chouillard E, Gumbs AA, Meyer F, Ata T, Helmy N, Toubal M, Karaa A, Laparoscopic versus open gastrectomy for adenocarcinoma: A prospective comparative analysis. *Minerva Chir.* 2010.
61. Chouillard E, Dache A, Torciva A, Helmy N, Ruseykin I, and Gumbs AA. Single Incision Laparoscopic Appendectomy for Acute Appendicitis: A Preliminary Experience. *Surg. Endo.* 2010.
62. Milone L and Gumbs AA. Single Incision Diagnostic Laparoscopy in a Case of Sclerosing Peritonitis. *Surg Lap Endosc Percut Tech.* 2010.
63. Gumbs AA, Gayet B and Hoffman JP. Laparoscopic Whipple Procedure with a 2-Layered Pancreato-Jejunostomy. *Surg Endo.* 2010.
64. Gumbs AA, Rodrigues-Rivera A, Milone L and Hoffman JP. Laparoscopic Pancreatoduodenectomy: a review of 285 published cases. *Annals of Surg Onc.* 2011.
65. Rodrigues-Rivera A. and Gumbs AA. VIDEO: Laparoscopic Left Hepatectomy for Liver Metastases at a National Cancer Center. *J Laparoendosc Adv Surg Tech* 2011.
66. Gumbs AA, Tsai TJ and Hoffman JP. Initial Experience with Laparoscopic Hepatic Resection at a Comprehensive Cancer Center. *Surg Endo.* 2011
67. Gumbs AA, El Rassi Z and Chouillard E. Laparo-Endoscopic Single Site (LESS) Cholecystectomy Using a Gelport Device. *Surgical Laparoscopy Endoscopy & Percutaneous Techniques.* 2011
68. Tsai TJ, Chouillard EK and Gumbs AA. Laparoscopic Right Hepatectomy with Intrahepatic Transection of the Right Bile Duct. *Annals of Surg Onc.* 2011.
69. Ishizawa T, Gumbs AA, Kokudo N and Gayet B. Laparoscopic segmentectomy of the liver: from segment I to VIII. *Annals of Surgery.* 2012
70. Gumbs A, Tsai G, Gomez N, Jama S, Perez E and Schuldt JS. Puerto Único (PU) Caminando Hacia Un Nuevo Horizonte: Experiencias en el Hospital León Becerra-Guayaquil (HLB) Y Grupo Hospitalario Kennedy (GHK) 2010-2011, *Medicina De Hoy*, 26 (2), Julio-Diciembre, 2010: 16-20.
71. Gumbs AA and Chouillard EK. Laparoscopic Distal Pancreatectomy and Splenectomy for Malignant Tumors. *Journal of Gastrointestinal Cancer.* 2011.
72. V. Siripurapu, J. C. Watson, Y. S. Chun, A. Gumbs, and J. P. Hoffman. Preoperative or postoperative therapy for resectable gallbladder cancer? A retrospective analysis of patients treated at a single institution. *Journal of Clinical Oncology* 2011 29:4_suppl, 309-309.
73. Gumbs AA, Jarufe N and Gayet B. Minimally Invasive Approaches to Extra-Pancreatic Cholangiocarcinoma. *Surg Endo* 2012.
74. Gumbs AA, Croner R, Rodriguez A, Zuker N, Perrakis A and Gayet B. 200 Consecutive Laparoscopic Pancreatic Resections Performed With a Robotically-Controlled Laparoscope Holder. *Surg Endo* 2013.
75. J Kim, JP Hoffman, RK Alpaugh, AD Rhim, M Reichert, BZ Stanger, EE Furth, AR Sepulveda, CX Yuan, KJ Won, G Donahue, J Sands, AA Gumbs, and KS Zaret. An iPS Cell Line From Human Pancreatic Ductal Adenocarcinoma Undergoes Early to Invasive Stages of Pancreatic Cancer Progression. *Cell Online* 2013.
76. Gumbs AA, Gayet B. Adopting Gayet's Techniques of Totally Laparoscopic Liver Surgery in the United States. *Liver Cancer.* 2013 Jan;2(1):5-15.
77. Chouillard E, Chahine E, Khoury G, Vinson-Bonnet B, Gumbs A, Azoulay D and Abdalla E. NOTES Total Mesorectal Excision (TME) for Patients with Rectal Neoplasia: a preliminary experience. *Surgical Endoscopy* 2014.
78. Palanivelu C, Takaori K, Abu Hilal M, Kooby D, Wakabayashi G, Agarwal A, Berti S, Besselink M, Chen KH, Gumbs AA, Han HS, Hond G, Hua ZM, Khatkov I, Kim HJ, Li JT, Long TCD, Machado M, Matsushita A, Menon K, Nakamura M, Nagakawa M, Pekolj J, Poves J, Rahman S, Rong L, Sa Cunha A, Senthilnathan P, Shrikhande SV, Gurumurthy SS, Toon DS and Khatri V. International Summit on Laparoscopic Pancreatic Resection (ISLPR) "Coimbatore Summit Statements, *Surgical Oncology*, 2018.

79. Gumbs AA, Dhamija A, Gorman D and Ben-Menachem T. Laparoscopic Right Hepatectomy, Common Bile Duct Excision, and Left Hepaticojejunostomy for Biliary Tract: Intraductal Papillary Mucinous Neoplasm. *Videoscopy*, 2018.
80. Han HS, Soon YS, Agarwal AK, Belli G, Itano O, Gumbs AA, Yoon DS, Kang CM, Lee SE, Wakai T and Troisi RI. Laparoscopic Surgery for Gallbladder Cancer: AN Expert Consensus Statement. *Digestive Surgery*. 2018.
81. Gumbs AA, Daskalaki and Milone L. Laparoscopic Total Pancreatectomy for Chronic Pancreatitis. *Surgical Laparoscopy, Endoscopy & Percutaneous Techniques*. 2018.
82. D'Alessandro A, Gumbs AA, Cartillone M, Elkary N, Chahine E et Chouillard E. Trans-stomal single-port laparoscopic Hartmann's reversal is an efficacious and efficient procedure: a case-controlled study. *Techniques in Coloproctology*. 2020 May; 24(5):455-462.
83. Chouillard E, Chahine E, D'Alessandro A, Vitte RL, Gumbs A, Kassir R. Roux-en-Y Gastro-jejunostomy for Complex Leak After the "Nissen" Variant of Sleeve Gastrectomy. *Obes Surg*. 2020 May 27.
84. Chahine E, Alkandari M, De Simone B, Dirani M, D'alessandro A, Saikaly E, Gumbs A, Cartillone MC, Crispo L, Chouillard MA, Kassir R, Chouillard E. Weight Regain After Gastric Plication: Re-operative Sleeve Gastrectomy or Roux-en-Y Gastric Bypass?-Analysis of 116 Consecutive Cases. *Obes Surg*. 2020 Jun 17.
85. Andrew A Gumbs, Elie Chouillard, Mohamed Abu Hilal, Roland Croner, Brice Gayet, Michel Gagner. The experience of the minimally invasive (MI) fellowship-trained (FT) hepatic-pancreatic and biliary (HPB) surgeon: could the outcome of MI pancreatoduodenectomy for peri-ampullary tumors be better than open? *Surg Endosc*. 2020 Nov 4. doi: 10.1007/s00464-020-08118-x.
86. Andrew A Gumbs, Mohamed Abu Hilal, Roland Croner, Brice Gayet, Elie Chouillard, Michel Gagner. The initiation, standardization and proficiency (ISP) phases of the learning curve for minimally invasive liver resection: comparison of a fellowship-trained surgeon with the pioneers and early adopters. *Surg Endosc*. 2020 Nov 10. doi: 10.1007/s00464-020-08122-1.
87. Rahimli Mirhasan; Aristotelis Perrakis; Vera Schellerer; Andrew Gumbs; Eric Lorenz; Mareike Franz; Jörg Arend; Victor-Radu Negrini; Roland Siegfried Croner. Robotic and laparoscopic liver surgery for colorectal liver metastases: an experience from a German Academic Center. *World Journal of Surgical Oncology*. 2020 Dec 22;18(1):333. doi: 10.1186/s12957-020-02113-1. PMID: 33353551; PMCID: PMC7756910.
88. Chouillard E, Chouillard MA, El Kary N, De Simone B, Gumbs AA. Clostridium difficile infection secondary to ileostomy closure. *Mini-invasive Surg* 2021;5:9. <http://dx.doi.org/10.20517/2574-1225.2020.108>
89. Mazen Dirani, Elias Chahine, Antonio D'Alessandro, Marc-Anthony Chouillard, Andrew A. Gumbs, Elie Chouillard. The use of Permacol® biological mesh for complex abdominal wall repair. *Minerva Surgery*. 2021 Apr 23. doi: 10.23736/S2724-5691.21.08779-4. Epub ahead of print. PMID: 33890445.
90. Eric Lorenz, Jörg Arend, Mareike Franz, Mirhasan Rahimli, Aristotelis Perrakis, Victor Negrini, Andrew Gumbs, Roland Croner. Robotic and laparoscopic liver resection – comparative experiences of a high volume German Academic Center. *Langenbeck's Archives of Surgery*. 2021 May;406(3):753-761. doi: 10.1007/s00423-021-02152-6. Epub 2021 Apr 8.
91. Perrakis A, Rahimli M, Gumbs AA, Negrini V, Andric M, Stockheim J, Wex C, Lorenz E, Arend J, Franz M, Croner RS. Three-Device (3D) Technique for Liver Parenchyma Dissection in Robotic Liver Surgery. *J Clin Med*. 2021 Nov 12;10(22):5265. doi: 10.3390/jcm10225265. PMID: 34830547; PMCID: PMC8653962.
92. Andrew A. Gumbs, Mohammad Abu-Hilal, Tzu-Jung Tsai, Lee Starker, Elie Chouillard, Roland Croner. Keeping surgeons in the loop: are handheld robotics the best path towards more autonomous actions? (A comparison of complete vs. handheld robotic hepatectomy for colorectal liver metastases). *Artificial Intelligence Surgery*. 2021 IN PRESS
93. De Simone B, Abu-Zidan FM, Gumbs AA, Chouillard E, Di Saverio S, Sartelli M, Coccolini F, Ansaloni L, Collins T, Kluger Y, Moore EE, Litvin A, Leppaniemi A, Mascagni P, Milone L, Piccoli

M, Abu-Hilal M, Sugrue M, Biffi WL, Catena F. Knowledge, attitude, and practice of artificial intelligence in emergency and trauma surgery, the ARIES project: an international web-based survey. *World J Emerg Surg.* 2022 Feb 10;17(1):10. doi: 10.1186/s13017-022-00413-3. PMID: 35144645; PMCID: PMC8832812.

94. Rahimli M, Perrakis A, Gumbs AA, Andric M, Al-Madhi S, Arend J, Croner RS. The LiMAx Test as Selection Criteria in Minimally Invasive Liver Surgery. *J Clin Med.* 2022 May 27;11(11):3018. doi: 10.3390/jcm11113018. PMID: 35683406; PMCID: PMC9181538.
95. Andrew A. Gumbs, Frank Alexander, Konrad Karcz, Elie Chouillard, Roland Croner, Jasmine Coles-Black, Belinda de Simone, Michel Gagner, Brice Gayet, Vincent Grasso, Alfredo Illanes, Takeaki Ishizawa, Luca Milone, Mehmet Mahir Özmen, Micaela Piccoli, Stefanie Spiedel, Gaya Spolverato, Patricia Sylla, Jaime Vilaça, Lee L Swanström. White paper: definitions of artificial intelligence and autonomous actions in clinical surgery. *Artificial Intelligence Surgery.* IN PRESS 2022

Invited Articles

1. Chouillard E, Gumbs AA and Cherqui E. VASCULAR CLAMPING: Physiology, Indications and Techniques. *Annals of Surgical Innovation and Research.* 2010.
2. Gumbs AA, Rodriguez-Rivera A and Hoffman JP. Minimally Invasive Pancreatic Surgery of the Entire Gland: Initial Experience. *Min Chir.* 2011.
3. Gumbs AA, Croner R, Chouillard E. Is robotic pancreatic surgery ready for prime time? *Hepatobiliary Surgery & Nutrition.* *Hepatobiliary Surg Nutr.* 2020 Oct; 9(5):650-653. doi: 10.21037/hbsn.2019.12.05.
4. Gumbs AA, DeSimone B and Chouillard E. Searching for a better definition of robotic surgery: is it really different from laparoscopy? *Journal of Mini-Invasive Surgery.* 2020 IN PRESS
5. Gumbs AA, Anciaux D, Dezard U, Mangurat L, Richme R, Olibrice WH, Jean B, Allaire E and Letoquart JP. MSF Hospital in Tabarre, Haiti: Why a Field General Surgery Fellowship is Necessary. *Surgeries.* 2021 IN PRESS
6. Bouhanna P, Ben Miled S, Rozenberg P, Chouillard E and Gumbs AA. The Sonographic Sliding Sign: can it predict the need for open as opposed to minimally invasive surgery? *Digestive Medical Research.* 2021. IN PRESS
7. Gumbs AA, Gogol M, Spolverato G, Taher H and Chouillard EK. Systematic Review of the Integrative Medicine Recommendations for Patients with Pancreatic Cancer, Surgeries. 2021 IN PRESS
8. Croner RS, Gumbs AA, Perrakis A, Andric M, Stockheim J, Lorenz E, Arend J, Franz M, Rahimli M. Robotic vs. laparoscopic liver surgery: what are the advantages of the robot? *Dig Med Res* 2021. IN PRESS
9. Andrew A. Gumbs, Isabella Frigerio , Gaya Spolverato , Roland Croner , Alfredo Illanes, Elie Chouillard and Eyad Elyan. Artificial Intelligence Surgery: How Do We Get to Autonomous Actions in Surgery? *Sensors* 2021, 21, 5526. <https://doi.org/10.3390/s21165526>
10. Gumbs AA, Lorenz E, Tsai TJ, Starker L, Flanagan J, Benedetti Cacciaguerra A, Yu NJ, Bajul M, Chouillard E, Croner R, Abu Hilal M. Study: International Multicentric Minimally Invasive Liver Resection for Colorectal Liver Metastases (SIMMILR-CRLM). *Cancers (Basel).* 2022 Mar 8;14(6):1379. doi: 10.3390/cancers14061379. PMID: 35326532; PMCID: PMC8946765.
11. Gumbs AA, Grasso V, Bourdel N, Croner R, Spolverato G, Frigerio I, Illanes A, Abu Hilal M, Park A, Elyan E. The Advances in Computer Vision That Are Enabling More Autonomous Actions in Surgery: A Systematic Review of the Literature. *Sensors (Basel).* 2022 Jun 29;22(13):4918. doi: 10.3390/s22134918. PMID: 35808408.
12. Mirhasan Rahimli, Aristotelis Perrakis, Mihailo Andric, Jessica Stockheim, Mareike Franz, Joerg Arend, Sara Al-Madhi, Mohammad Abu Hilal, Andrew A. Gumbs, Roland S. Croner Does robotic liver surgery enhance R0 results in liver malignancies during minimally invasive liver surgery? - A systematic review and meta-analysis. *CANCERS.* 2022. IN PRESS
13. Gumbs AA, Croner, R, Lorenz E, Tsai TJ, Starker L, Flanagan J, Benedetti Cacciaguerra A, Yu NJ, Chouillard E, Abu Hilal M. Survival Study: International Multicentric Minimally Invasive Liver Resection for Colo-Rectal Liver Metastases (SIMMILR-2). *CANCERS.* 2022. IN PRESS

14. Heba Taher; Vincent Grasso; Sherifa Tawfik; Andrew Gumbs. The Challenges of Deep Learning in Artificial Intelligence and Autonomous Actions in Surgery A review of the literature. *Artificial Intelligence Surgery*. 2022. IN PRESS

Editorials

1. Gumbs A.A. and Bessler M. Editorial: Bariatric Surgery Reduces Cancer Risk In Morbidly Obese Patients (Christou Et. Al.). *Surg Obes Relat Dis*. 2008;4(6):696-7
2. Gumbs AA, Perretta S, Bernard D and Chouillard E. What is Artificial Intelligence Surgery. *Art Int Surg* 2021;1:1-10. <http://dx.doi.org/10.20517/ais.2021.01>
3. Gumbs AA, Grasso SV and Gumbs MA. Editorial: Case Reports in Visceral Surgery, *Frontiers in Surgery*. 2022. IN PRESS

Review Articles

1. Friess H, Kleeff J, Gumbs AA, Buchler MW. Molecular versus conventional markers in pancreatic cancer. *Digestion*. 1997; 58(6):557-63.
2. Talamini G, Bassi C, Butturini G, Falconi M, Casetti L, Gumbs AA, Carrara S, Fantin A, Pederzoli P. Outcome and quality of life in chronic pancreatitis. *Journal of the Pancreas*. 2001 Jul; 2(4):117-23.
3. Gumbs AA, Moore PS, Falconi M, Bassi C, Beghelli S, Modlin I, Scarpa A. Review of the clinical, histological, and molecular aspects of pancreatic endocrine neoplasms. *J Surg Oncol*. 2002 Sep;81(1):45-53.
4. Gumbs, AA, Modlin, IM, Ballantyne, GH, Changes in Insulin Resistance following Bariatric Surgery: Role of Caloric Restriction and Weight Loss, *Obesity Surgery*, 2005 Apr;15(4):462-73.
5. Ballantyne, GH, Gumbs, AA, Modlin, IM. Changes in Insulin Resistance Following Bariatric Surgery and the Adipoinular Axis: Role of the Adipocytokines, Leptin, Adiponectin and Resistin. *Obesity Surgery*, 2005 May; 15(5):692-9.
6. Gumbs AA and Gagner M. Laparoscopic Adrenalectomy. *Best Pract Res Research Clin Endocrinol and Metab*. 2006 Sep;20(3):483-99. *Endocrine Hypertension*.
7. Gumbs AA, Gagner M, Dakin G, and Pomp A. Review Article: Sleeve Gastrectomy for Morbid Obesity. *Obesity Surgery*, 2007 July.
8. Gagner M, Gumbs AA. Gastric banding: Conversion to sleeve, bypass or DS. *Surg Endo*. 2007 Nov;21(11):1931-5. Epub 2007 Aug 20.
9. Gumbs AA, Pomp A and Gagner M. Revisional Bariatric Surgery for Inadequate Weight Loss. *Obesity Surgery*, 2007 Sep;17(9):1137-45.
10. Gumbs AA, Bessler M, Milone L, Schrope B and Chabot J, Review Article: Obesity and the Prevalence of Pancreatic Cancer. *Surg Obes Relat Dis*. *Surg Obes Relat Dis*. 2008 Mar-Apr;4(2):186-93.
11. Gumbs AA. Obesity, Pancreatitis and Pancreatic Cancer. *Obesity Surgery* Sep; 18 (9) :1183-7.
12. Ferrari L, Mari V, Parini S, Capelli G, Tacconi G, Chessa A, De Santi G, Verdi D, Frigerio I, Scarpa M, Gumbs A, Spolverato G. Discrimination Towards Women in Surgery: A Systematic Scoping Review. *Ann Surg*. 2022 Mar 10. doi: 10.1097/SLA.0000000000005435. Epub ahead of print. PMID: 35275886.
13. Ferrari L, Mari V, De Santi G, Parini S, Capelli G, Tacconi G, Chessa A, Verdi D, Frigerio I, Spolverato G, Gumbs A. Early Barriers to Career Progression of Women in Surgery and Solutions to Improve Them: A Systematic Scoping Review. *Ann Surg*. 2022 Jul 4. doi: 10.1097/SLA.0000000000005510. Epub ahead of print. PMID: 35797642.

Book Chapters

1. Mansueto G, Cenzi D, Gumbs AA, D'Onofrio M. Imaging and intervention in acute pancreatic conditions. *Emergency Radiology*. Springer-Verlag. B. Marincek, M.D. 2006
2. Gumbs AA and Gayet B, *Liver Resection, Mastery of Endoscopic and Laparoscopic Surgery*, 3rd Edition, 2008.
3. Gumbs AA and Brice Gayet, MD, *Laparoscopic biliary and pancreatic surgery*, *Textbook of Laparoscopic Surgery*, 2008.
4. Gumbs AA and Gayet B. *Laparoscopic esophago-gastric surgery*, *Textbook of Laparoscopic Surgery*, 2008.
5. Gumbs AA and Gayet B. Current role of laparoscopic surgery for liver malignancies, *New Techniques in Liver Resection in Recent Advances in Liver Surgery*. Ed. Dionigi, Landes Publishers, 2008.
6. Gumbs AA and WB Inabnet. *Laparoscopic Enucleation/Resection for Neuroendocrine Tumor. Atlas of Endocrine Surgery Techniques*. Ed. Duh. 2009.
7. Shaw C and Gumbs AA. Obesity as a Cause of Cancers. *Handbook of Obesity Surgery*. Ed. M. Deitel. 2010
8. Gumbs AA, Angel Rodrigues and Hoffman JP, *Cancer of the Hepato-Biliary System Gallbladder / Extrahepatic Ducts, Minimal Invasive Surgical Oncology – State of the art cancer management* . Ed. Becker J and Matteotti R. Springer-Verlag. 2011
9. Gumbs AA. *Laparoscopic Choledochojejunostomy. Laparoscopic Hepato-Pancreato-Biliary Surgery—Atlas of Procedures*. Ed. Michel Gagner 2012.
10. Gumbs AA. *Laparoscopic Splenopancreatectomy. Laparoscopic Hepato-Pancreato-Biliary Surgery—Atlas of Procedures*. Ed. Michel Gagner 2012.
11. Gumbs AA and Gayet B. *Laparoscopic Central Pancreatectomy. Laparoscopic Hepato-Pancreato-Biliary Surgery—Atlas of Procedures*. Ed. Michel Gagner 2012.
12. Chouillard EK and Gumbs AA. *Laparoscopic Major Left . Laparoscopic Hepato-Pancreato-Biliary Surgery—Atlas of Procedures*. Ed. Michel Gagner 2012.
13. Siripurapu V, Tsai T, Papavasilio P and Gumbs AA. *Laparoscopic Radical Cholecystectomy. Video Atlas of Advanced Minimally Invasive Surgery*. Ed. Carlson and Frantzides. 2011.
14. Rodriguez, AM and Gumbs AA. *Gallbladder Cancer: Etiology, Pathogenesis and Management. Laparoscopic Approaches to Pre- and Post-operatively Diagnosed Gallbladder Cancer. GALLBLADDER CANCER: Etiology, Pathogenesis and Management*. Ed. Watanabe. 2011
15. Perrakis A , Gumbs AA, Rodriguez AM and Croner RS. *Minimally Invasive distal Pancreatectomy: Description of the Procedure and review of the current literature. Pancreas: Anatomy, Diseases and Health Implications*. Editors: Akiko Satou and Hana Nakamura. 2012
16. Rodriguez AM, Perrakis A, Croner RS Gumbs AA. *Minimally Invasive Pancreatoduodenectomy: Description of the Procedure and review of the current literature. Pancreas: Anatomy, Diseases and Health Implications*. Editors: Akiko Satou and Hana Nakamura. 2012
17. Zucker N, Gumbs AA and Gayet B. *Liver Resection, Mastery of Endoscopic and Laparoscopic Surgery*, 4th Edition, 2012.
18. Rodriguez, AM and Gumbs AA. *Laparoscopic Single Site Cholecystectomy: Preparation, Procedure and Outcomes. Cholecystectomies: Procedures, Prognosis and Potential Complications*. Nova Publishers. 2012
19. Epelboym, I and Gumbs AA. *Laparoscopic Liver Surgery: Current State and Future Considerations. "LAPAROSCOPIC GASTROINTESTINAL SURGERY. Novel Techniques, extending the Limits"*. Eds: Mariano Palermo, Mariano Giménez, Michel Gagner. 2014.

Letters to the Editor

1. Bessler M, Stevens P, Milone L, Gumbs AA, Fowler D. Reply to: 080653: Re: Transvaginal laparoscopic cholecystectomy. *Surg Endosc.* 2009 Apr;23(4)911
2. Gumbs AA, Fowler D, Milone L, Bessler M. Response to: Transvaginal NOTES Cholecystectomy: is it the best route? *Ann Surg* 2010.
3. Gumbs AA, Fowler D, Milone L and Bessler M. Response to: Surgery with Hidden Scars-Natural Orifice Transluminal Endoscopic Surgery (NOTES). *Ann Surg* 2010.
4. Belinda De Simone, Elie Chouillard, Andrew Gumbs, Massimo Sartelli, Salomone Di Saverio, Walter L Biffi, Luca Ansaloni and Fausto Catena. COVID-19 pandemic: the second phase, are we ready now? An emergency surgeon's manifesto. *Minerva Surgery.* 2021 IN PRESS
5. Gumbs AA, Spolverato G and Chouillard E. Integrative Medicine and Surgery: What are the diet and supplement recommendations for someone with pancreatic cancer? *Hepatobiliary Surgery and Nutrition* 2021 IN PRESS
6. Parini S, Lucidi D, Azzolina D, Verdi D, Frigerio I, Gumbs AA, Spolverato G. Women in Surgery Italia: A Reply.: In Reply to Bellini. *J Am Coll Surg.* 2021 Sep 27:S1072-7515(21)02138-4. doi: 10.1016/j.jamcollsurg.2021.09.004. Epub ahead of print. PMID: 34593308.

EDITORIAL AND REVIEW ACTIVITIES

Editor-in-Chief

Artificial Intelligence Surgery 2021-present

Associate Editor

Frontiers in Surgery, 2021-Present

Member of Editorial Board

Open Obesity Journal, 2008-2014

Obesity Surgery, 2009-2011

Global Journal of Surgery, 2010-2014

World Journal of Surgical Procedures, 2011-2014

Journal of Blood and Lymph, 2011-2014

Cancer Report, 2011-2014

PLoS ONE, 2011-2014

Case Reports in Surgery, 2012-2014

Journal of Gastrointestinal Cancer, 2010-present

Frontiers in Surgery, 2015-present

World Journal of Gastrointestinal Surgery 2019-present

Digestive Medical Research 2020-present

Mini-Invasive Surgery 2020-present

Surgeries 2021-present

Annals of Translational Medicine 2022-present

Journal Reviewer

AD HOC Reviewer, Hepatobiliary Surgery and Nutrition, 2022-present

AD HOC Reviewer, Annals of Surgery, 2022-present

AD HOC Reviewer, International Journal of Computer Assisted Radiology and Surgery, 2022-present

AD HOC Reviewer, Computers, 2021-present

AD HOC Reviewer, Biomedicines, 2021-present

AD HOC Reviewer, International Journal of Surgery, 2021-present

AD HOC Reviewer, Cancers, 2021-present

AD HOC Reviewer, Drug Design, Development and Therapy, 2021-present

AD HOC Reviewer, Cancer Management and Research, 2021-present
AD HOC Reviewer, International Journal of Molecular Sciences, 2021-present
AD HOC Reviewer, Nature Scientific Reports, 2021-present
AD HOC Reviewer, Gland Surgery, 2021-present
AD HOC Reviewer, World Journal of Surgical Oncology, 2020-present
AD HOC Reviewer, World Journal of Gastroenterology, 2020-present
AD HOC Reviewer, World Journal of Hepatology, 2020-present
AD HOC Reviewer, World Journal of Clinical Cases, 2020-present
AD HOC Reviewer, World Journal of Gastrointestinal Surgery, 2019-present
AD HOC Reviewer, Journal of Surgical Oncology, 2016-present
AD HOC Reviewer, World Journal of Gastroenterology, 2012-present
AD HOC Reviewer, Journal of Cancer Therapeutics and Research, 2012-present
AD HOC Reviewer, S.O.A.R.D.S, 2012-present
AD HOC Reviewer, Hepatobiliary & Pancreatic Diseases International, 2011-present
AD HOC Reviewer, Videoscopy, 2012-present
AD HOC Reviewer, Journal of Laparoendoscopic & Advanced Surgical Techniques, 2011-present
AD HOC Reviewer, Digestive and Liver Disease, 2011-present
AD HOC Reviewer, Journal of Medical Case Reports, 2011-present
AD HOC Reviewer, Saudi Medical Journal, 2011-present
AD HOC Reviewer, Journal of Graduate Medical Education, 2011-present
AD HOC Reviewer, Journal of the American College of Surgeons, 2010-present
AD HOC Reviewer, Surgical Endoscopy, 2010-present
AD HOC Reviewer, Annals of Surgical Oncology, 2010-present
AD HOC Reviewer, Annals of Surgical Innovation and Research, 2009-present
AD HOC Reviewer, Journal of Laparoscopy, Endoscopy and Percutaneous Techniques, 2009-present
AD HOC Reviewer, International Journal of Cancer, 2008-present
AD HOC Reviewer, Journal of the Society of Obesity And Related Diseases, 2008-present
AD HOC Reviewer, International Journal of Biomedical Science, 2008-present
AD HOC Reviewer, Obesity Surgery, 2007-present
AD HOC Reviewer, Journal of the Pancreas, 2005-present

TEACHING

Medical Students

Teaching of Medical Students at Columbia-Presbyterian Hospital 9/2007-11/2009
Teaching of Medical Students at Fox Chase Cancer Center 1/2009-10/2010
Teaching of Medical Students at Overlook Hospital 1/2011-6/2018
Teaching of Medical Students Grigol Robakidze University, Tblisi, Republic of Georgia

Postdoctoral Research Fellows

Training of Research Fellows at Fox Chase Cancer Center 1/2010-10/2010

Clinical Residents and Fellows

Teaching of Residents from Columbia-Presbyterian Hospital 9/2007-11-2008
Teaching of Surgical Oncology Fellows at Fox Chase Cancer Center 1/2009-11/2010
Teaching of Surgical Residents from Columbia-Presbyterian Hospital at Overlook Hospital 1/2011-6/2018

Teaching Outside Current Institution

Formal Teaching

Courses Taught

- Single Incision Laparoscopic Surgery, University of Balamand, Beirut, Lebanon, June 22-23, 2009
- Single Incision Laparoscopic Surgery, Applied Medical, Las Vegas, NV, November 21, 2009
- War Surgery : the Perpetual Pandemic, Ukranian Armed Forces Course. Ukraine (Webinar), June 19, 2022

Other Supervisory Teaching

- Laparoscopic Pancreatic and Hepatic Surgery, Covidien, Preceptor, 2009-2010
- Laparoscopic Pancreatic and Hepatic Surgery, Novare Surgical, Preceptor, 2009-2010

CONFERENCES AND SYMPOSIA

Organization of Conferences/Symposia (Include chairing session)

- Moderator, Oral Presentations. 7th Congress of the European Chapter of the IHPBA, EHPBA, Verona, Italy June 6-9, 2007.
- Moderator, Scientific Session. SLS Annual Meeting and Endo Expo, San Francisco, USA Sept 5-8, 2007
- Moderator, Advanced Laparoscopic Procedures. V International Meeting of ICLYS during the XVII Congreso Latinoamericano de Cirurgia F.E.L.A.C., Santiago, Chile November 18-22, 2007.
- Instructor in Single Port Surgery. for NewYork-Presbyterian Hospital Second Annual International. NOTES Course. December 15-16, 2008. December 15-16, 2008.
- Faculty Advanced Laparoscopic Techniques. SAGES, Phoenix, AZ, April 22-25, 2009.
- Faculty New Techniques in Colorectal Laparoscopic Surgery. Practical Anatomy and Surgical Education of Saint Louis University. St. Louis, MO, June 5-6, 2009.
- Moderator, Philadelphia Hepatoma Symposium, Philadelphia, PA, June 10, 2009.
- Hand on skill station instructor, American College of Surgeons Single Incision Surgery Course for Clinical Congress, Chicago, IL, October 13, 2009
- Co-Chairman, NOTES and SILS Section. IHPBA, Buenos Aires, April 18-22, 2010
- Co-Chairman, Single Port Access Session. SAGES, Washington, DC, April 14-17, 2010
- Faculty, Single-Port Access, Hands-on Course. SAGES, Washington, DC, April 14-17, 2010.
- Faculty, PANEL: Management of Liver Tumors, Laparoscopic Major Hepatectomy, 2010 American Radium Society 92nd Annual Meeting, Cancun, Mexico, May1-5, 2010
- Faculty, Advanced Laparoscopic Intestinal and Solid Organ Surgery Resident Course, Cincinnati, OH, November 18-19, 2010
- Hand on skill station instructor, American College of Surgeons Single Incision Surgery Course for Clinical Congress, San Francisco, CA, October 25, 2011
- Panelist: Cáncer de Vesícula Biliar; Panelist: Tumores Malignos y Benignos de Hígado and Panelist: Tumores de Páncreas y Tumores Quísticos de Páncreas. II Congreso Internacional de Cirurgia Hepatopancreatobiliar, Ecuadorian Chapter of AHPBA, San Cristobal, Galapagos, Ecuador, September 8-11, 2011
- Moderator, Parallel Competitive Videos: Pancreatic Biliary. AHPBA 2012 Annual Meeting, Miami, March 11, 2012
- Chairman, Best Free Oral Session: Pancreas. IHPBA, Paris, France, July 4, 2012
- Chair, Poster Session, 8th International Meeting of Hepatocellular Carcinoma: Eastern and Western Experiences, Tokyo Feb. 1-2, 2013

Panelist, Surgical Lesions of the Biliary Tract and Panelist, Cystic Tumors of the Pancreas, AHP-BA-Ecuador Chapter, Santa Cruz, Galapagos Islands, Ecuador, September 12-15, 2013
Chairman, Revised Tokyo Guidelines 2013, IHPBA 2014, Seoul, Korea, March 22-27, 2014
Moderator: Worldwide Statistics on Laparoscopic Pancreatic Resections; Panelist: Panel Discussion on post-operative complications following laparoscopic pancreatic resections, are they any different? and Chairperson: Current Perspective on Laparoscopic Liver Surgery. IASGCON 2016, Coimbatore, India, October 7-9, 2016
Moderator, Women in Surgery, Verona, Italy November 30, 2018
Chairperson Solid Organs. Egyptian Society of Laparoscopic Surgeons, Cairo, Egypt, February 14-16, 2019.
Chairperson. Artificial Intelligence Surgery and the Promise of Autonomous Actions. First Annual Webinar of the Journal of Artificial Intelligence Surgery, November 18, 2021.
Panelist, Management of Bile Duct Injuries during Laparoscopic Cholecystectomy, IRCAD Africa Webinar Series, November 3, 2021.
Chairman: Meet the Masters II. American Hospital Tblisi, January 15, 2022. Tblisi, Republic of Georgia.
Chairman, State of the Art Lectures I, Egyptian Society of Laparoscopic Surgery, Cairo, Egypt, February 17-19, 2022.
Panelist, The Certification Systems for Surgical Providers in Europe :Witnesses of ESS. What do we do? What should we do? European Surgical Society XXIV Annual Meeting, Genoa, Italy, June 28-29, 2022.

Presentations at National or International Conferences

Invited

Minimally Invasive Hepatic Pancreatic and Biliary Surgery: the NEXT Frontier, Grand Rounds Mercy Hospital, April 2, 2007.
Laparoscopic Vs. Open Resection of Pancreatic Endocrine Neoplasms: Single-Institutions's Experience Over 14-Years. 7th Congress of the European Chapter of the IHPBA, EHPBA, Verona, Italy June 6-9, 2007.
Major Hepatic Resections and the Whipple Procedure: When laparoscopic surgery is not minimally invasive. 15th Annual EAES Meeting, Athens July 5-7, 2007.
Laparoscopic Pancreatic Resections. V International Meeting of ICLYS during the XVII Congreso Latinoamericano de Cirugía F.E.L.A.C., Santiago, Chile November 18-22, 2007
Laparoscopic Whipple Procedure; Plenary Session, SAGES, Philadelphia April 9-12, 2008
MIS and Cirrhosis: Good or Bad Friends? Post-graduate Course: Pearls and Pitfalls of Solid Organ MIS, SAGES, Philadelphia April 9-12, 2008
Laparoscopic Major Hepatic Resection. Fox Chase Cancer Center, Philadelphia, PA April 30, 2008
Laparoscopic Pancreatic Surgery, International Perspectives on Hepatic, Pancreatic and Biliary Surgery, New York, NY May 1-3, 2008.
Résection Pancréatique Et Hépatique Laparoscopique - Techniques Et Limites. Le 3e Congrès de Chirurgie de la Francophonie jumelé au 39e Congrès annuel de l'Association québécoise de chirurgie, Québec, Canada June 25-28, 2008.
Current Concepts in General Surgery: Laparoscopic Whipple Procedure and Laparoscopic Major Hepatic Resection and the Laparoscopic lateral Approach? Albuquerque, NM September 3-5, 2008.
Laparoscopic Major Hepatic Resection. Memorial Sloan-Kettering Cancer Center, New York, NY September 13, 2008
Laparoscopic Right Hepatectomy, Annual ACS Meeting 2008, San Francisco, CA October 15, 2008.
Minimally Invasive Hepatic Surgery. Bridgeport Hospital Grand Rounds. November 20, 2008.

Laparo-Endoscopic Single Site (LESS) Surgery: Cholecystectomy and Appendectomy. New-York-Presbyterian Hospital Second Annual International. NOTES Course. December 15-16, 2008.

Minimally Invasive Hepatic Pancreatic and Biliary Surgery: the NEXT Frontier. Grand Rounds Jeanes Hospital. January 14, 2009.

Laparo-Endoscopic Single Site (LESS) Surgery: Cholecystectomy and Appendectomy. New Techniques in Colorectal Laparoscopic Surgery. Practical Anatomy and Surgical Education of Saint Louis University. June 5-6, 2009.

Laparoscopic Approaches to Gallbladder Cancer; Laparoscopic Surgery for Pancreatic Tumors; Laparoscopic Major Hepatectomies; Laparo-Endoscopic Single Site (LESS) Surgery: Cholecystectomy and Appendectomy. Middle Eastern Surgical Association, Beirut, Lebanon June 25-27, 2009.

SILS. Cholecystectomy. Appendectomy, Single Incision Laparoscopic Surgery in Cancer Patients, Pure Transvaginal Cholecystectomy and From Hybrid to Pure NOTES Cholecystectomy. 3rd International NOTES W.I.D.E.R.- Barcelona, September 7-8, 2009.

Minimally Invasive Hepatic-Pancreatic and Biliary Surgery, The Corinne V. Imber Memorial Lecture, The Reading Hospital and Medical Center, September 16, 2009.

Minimally Invasive Hepatic-Pancreatic and Biliary Surgery, Grand Rounds Lutheran Medical Center, Brooklyn, NY, November 19, 2009.

Laparoscopic Enucleation and Distal Pancreatectomy, MIS & Cancer Endocrine/Solid Organ Postgraduate Course. SAGES, Washington, DC, April 14-17, 2010.

Minimally Invasive Hepatic-Pancreatic and Biliary Surgery, Grand Rounds University Medical Center at Princeton, NJ, May 18, 2010.

Minimally Invasive Hepatic-Pancreatic and Biliary Surgery, Grand Rounds, New York Methodist Hospital, Brooklyn, NY June 1, 2010.

Hepatic, Pancreatic, and Biliary (HPB) Surgery, Oncology Practice Reviews Series, Philadelphia, PA, July 10, 2010.

Laparoscopic Whipple Procedure, is it indicated for cancer?; Laparoscopic Major Hepatectomy; Laparoscopic Approaches for Gallbladder Cancer; Single Incision Laparoscopic Surgery and NOTES; Laparoscopic Distal and Central Pancreatectomy: the bridge to the laparoscopic Whipple; Advanced Laparoscopic HPB: Laparoscopic Central Hepatectomy and the Lateral Laparoscopic Approach for Lesions in the Deep Segments. Ecuadorian College of Surgeons, Ecuadorian Chapter of the AHPBA and the Ecuadorian Chapter of the ACS. Guayaquil, Ecuador, November 4-10, 2010.

Laparoscopic Liver Surgery. Faculty, Advanced Laparoscopic Intestinal and Solid Organ Surgery Resident Course, Cincinnati, OH, November 18-19, 2010

When Can You Watch a Pancreatic Cyst? An Update in HPB Surgery for the Community Surgeon, Pre-Meeting Workshop, SSO Annual Meeting, San Antonio, TX, March 2, 2011

Laparoscopic Resection for GB Cancer, AHPBA Annual Meeting, Miami, FL, March 10-13, 2011

Laparoscopic Liver Resection- Current Status Surgical Technique, SAGES/SSAT Minimally Invasive Hepatobiliary and Pancreatic Surgery, SAGES Annual Meeting, San Antonio, TX, March 31, 2011

Laparoscopic Approaches to Segmentectomy Versus Hemihepatectomy, AHPBA Americas Postgraduate Course, Santiago, Chile, June 30-July 1, 2011

Laparoscopic Hepatectomy and Robotic Surgery; Laparoscopic Lateral Approach to Lesions in the Posterior Hepatic Segments, First International Symposium on Precision Liver Surgery, Beijing, China, August 19-21, 2011

Advanced Laparoscopic HPB: Laparoscopic Central Hepatectomy and the Lateral Approach for Lesions in the Deep Segments and Laparoscopic Distal and Central Pancreatectomy: the bridge to the laparoscopic Whipple, Morristown Hospital, Morristown, NJ, November 30, 2011

Minimally Invasive Approaches to Intrahepatic and Extrahepatic Cholangiocarcinoma. SAGES Annual Meeting, San Diego March 6-10, 2012

Best Oral: Laparoscopic Pancreatic Surgery with Robotic Assistance: 197 Procedures Performed With a Robotically-Controlled Laparoscope Holder. IHPBA, Paris, France, June 30, 2012

Laparoscopic Whipple Procedure: the Posterior Approach. Post-Graduate Course, IHPBA, Paris, France, June 30, 2012

Use of laparoscopy in complex liver tumor resection; Laparoscopic Whipple: is a reasonable option; Laparoscopic Whipple procedure. New Frontiers in Minimally Invasive Surgery:

Challenges of the XXI Century, Santiago, Chile October 18-19, 2012.

Adopting Gayet's Techniques of Totally Laparoscopic Liver Surgery in the U.S., 8th International Meeting of Hepatocellular Carcinoma: Eastern and Western Experiences, Tokyo Feb. 1-2, 2013.

Limits of Laparoscopic Liver Surgery. Clinical Robotic Surgery Association (CRSA) Annual Meeting, October 3-5, 2013

Adopting Gayet's Techniques of Totally Laparoscopic Liver Surgery in the U.S., 5th International Tubingen-Symposium on Pediatric Solid Tumors: New Treatment Concepts in Pediatric Liver Tumors, Tubingen, Germany, March 14-15, 2014

Meet the Professor (Biliary), Advanced Laparoscopic bile duct surgery; Master Video Symposium, Advanced laparoscopic surgery for various biliary diseases; Laparoscopic Approaches to Pre and Post-operatively diagnosed gallbladder cancer, IHPBA 2014, Seoul, South Korea, March 22-27, 2014.

When do we use laparoscopic surgery in chronic pancreatitis. Single Incision Laparoscopic Cholecystectomy. AHPBA, Panama Chapter, Panama City, Panama September 17-18, 2014.

Laparoscopic Whipple Procedure, Laparoscopic Right Hepatectomy and laparoscopic Approaches to Gallbladder Cancer. Kuwait First Relive Bariatric and Advanced Laparoscopic Surgery Conference, Kuwait City, Kuwait, March 20-22, 2015.

HPB Tumoral Palliation, Stents vs. Surgery. IHPBA 2016. Post-Graduate Course, Sao Paulo, Brazil, April 20, 2016.

Parenchymal Division and Undilated PD: How to Manage? and Laparoscopic Distal Pancreatectomy with Splenectomy. IASGCON 2016, Coimbatore, India, October 7-9, 2016

Laparoscopic Whipple Procedure. Laparoscopic Left-sided and Central Pancreatectomy. Laparoscopic Major Hepatectomy. 2nd Relive Conference. Kuwait City, Kuwait, April 21-23, 2018.

Laparoscopic Right Hepatectomy, Common Bile Duct Excision, and Left Hepaticojejunostomy for Biliary Tract: Intraductal Papillary Mucinous Neoplasm. ACS 2017, San Diego, CA October 22-26, 2017.

He for She, Women in Surgery, Verona, Italy November 30, 2018

State of the Art Lecture: Laparoscopic Right Hepatectomy, CBD Excision and Left Hepaticojejunostomy for BT-IPMN. Laparoscopic Total Pancreatectomy. Egyptian Society of Laparoscopic Surgeons, Cairo, Egypt, February 14-16, 2019.

Plenary Session: Laparoscopic Whipple Procedure and Total Pancreatectomy. Plenary Session: Complex Laparoscopic Right Hepatectomy: Diaphragmatic and Biliary Reconstruction, Egyptian Society of Surgeons, Cairo, Egypt, March 13-15, 2019.

He for She in Surgery. YSICO Hands-on Course Focus on Pancreatic Surgery. Verona, Italy May 23-25, 2019.

One-Hundred consecutive laparoscopic hepatic resections performed with a robotically controlled laparoscope holder. Egyptian Society of Laparoscopic Surgeons, Cairo, Egypt, February 20-22, 2020

Case-controlled trial of minimally invasive hepatectomy AND Case-controlled trial of minimally invasive Whipple Procedure, Egyptian Surgical Society, June 18, 2020

Management of intra-operative bleeding during laparoscopic major hepatectomy. Surgical Mistakes: a critical audit to learn from mistakes, Italian Association of Hospital Surgeons (ACOI), Trentino Surgical Congress 2020, Trento, Italy, February 28, 2020

CVS in laparoscopic cholecystectomy: Lectures & Discussions with Experts. IRCAD, Strasbourg, France, January 8, 2021

Real-life Examples of AI Surgery Today. Artificial Intelligence & Surgery. IRCAD, Strasbourg, April 8, 2021

Surgical Artificial Intelligence-State of the Art. The Surgery Dialog: Artificial Intelligence- Significance For Visceral Medicine. Munich, Germany, June 23, 2021

Examples of Autonomous Actions in Artificial Intelligence Surgery. Artificial Intelligence & Innovation Conference. University of Toledo College of Medicine and Life Sciences. Toledo, Ohio, USA. August 14, 2021

The initiation, standardization and proficiency (ISP) phases of the learning curve for minimally invasive liver resection: comparison of a fellowship-trained surgeon with the pioneers and early adopters. SAGES, Las Vegas, Nevada, USA, August 31-September 2, 2021.

Artificial Intelligence Surgery: Is There Already Autonomy in Surgery? Shanghai Chest Hospital Webinar. September 18, 2021

The initiation, standardization and proficiency (ISP) phases of the learning curve for minimally invasive liver resection: comparison of a fellowship-trained surgeon with the pioneers and early adopters AND The experience of the minimally invasive (MI) fellowship-trained (FT) hepatic-pancreatic and biliary (HPB) surgeon: could the outcome of MI pancreatoduodenectomy for peri-ampullary tumors be better than open? Alexandria, Egypt. Egyptian Surgical Society September 23-25, 2021

Artificial Intelligence in Surgery AND Laparoscopic Pancreatectomy-Current Perspectives, XIV Sociedade Portuguesa de Cirurgia Minimamente Invasiva Congress, Peniche, Portugal, October 29-30, 2021

The Varying Degrees of Robotic Autonomy in Surgery. Artificial Intelligence Surgery and the Promise of Autonomous Actions. First Annual Webinar of the Journal of Artificial Intelligence Surgery AND demonstration of 2 Minimally Invasive Pancreatic Resections, November 18, 2021. Magdeburg University, Magdeburg, Germany.

Artificial Intelligence: How do we get to autonomous actions in surgery? Association of Minimal Access Surgeons Conference (AMASICON) 2021, New Delhi, India, November 26-28, 2021.

I Have a Bile leak During Cholecystectomy, Now What? IRCAD Africa Webinar Series, November 3, 2021

Artificial Intelligence and the Promise of Autonomous Actions, iBreastbook Webinar, Aberdeen, Scotland, December 21, 2021

Artificial Intelligence Surgery and the Promise of Autonomous Actions AND Minimally Invasive Hepatic Pancreatic and Biliary Surgery. Meet the Masters II. American Hospital Tbilisi, January 15, 2022. Tbilisi, Republic of Georgia.

Artificial Intelligence Surgery and the Promise of Autonomous Actions, Advanced Laparoscopic Surgery Workshop and Demonstration of Laparoscopic Liver Resection, January 25-26, 2022. Mansoura University, Mansoura, Egypt.

The experience of the minimally invasive (MI) fellowship-trained (FT) hepatic-pancreatic and biliary (HPB) surgeon: could the outcome of MI pancreatoduodenectomy for peri-ampullary tumors be better than open? AND Artificial Intelligence Surgery: How Do We Get to Autonomous Actions in Surgery? AND The initiation, standardization and proficiency (ISP) phases of the learning curve for minimally invasive liver resection: comparison of a fellowship-trained surgeon with the pioneers and early adopters. Egyptian Society of Laparoscopic Surgery, Cairo, Egypt, February 17-19, 2022.

Will Robotic-Assisted Surgery Become More Popular with Pancreatic Surgeons. Robotic Week, University of Lublin, Poland. February 28-March 4, 2022.

Artificial Intelligence Surgery : How Do We Get to Autonomous Actions in Surgery AND Being Surgeons in the Loop : are handheld robotics the best path towards more autonomous actions? (A comparison of complete vs. handheld robotic hepatectomy for colorectal liver metastases). Updates in Robotic Surgery, Riyadh, Saudi Arabia, March 11-13, 2022

Chirurgie de l'Intelligence Artificielle : quelle est la meilleure voie à suivre pour des actions plus autonomes? Société Française du Cancer, Paris, France, March 14, 2022

La Création d'un Centre De Cancerologie : Est-Elle Possible Dans Un GHT ? Académie Nationale de Chirurgie. Paris, France. Mars 25, 2022

Study : International Multi-centric Minimally Invasive Liver Resection for Colo-Rectal Liver Metastases (SIMMLR-CRLM) AND Artificial Intelligence Surgery and the Promise of Autonomous Actions. 1st International Scientific Conference "Translational and Clinical Medicine," Ivane Jakakhishvili Tbilisi State University, Tbilisi, Republic of Georgia,. May 5-7, 2022

Round Table "Bloc Opératoire Augmenté", SANTEXPO. Fédération Hospitalière de France/ Medtronic. Paris, France May 17-19, 2022

Artificial Intelligence Endoscopy AND Round Table Discussion : Endoscopy in 2030, where will we be then? 93rd Annual Meeting of the German Society of Otolaryngology. Hannover, Germany, May 25-28, 2022

The Utilization of AI in Publication. Surgical Disruptive Technological Summit and SAGES Next Big Thing Summit. Houston, Texas, USA, June 9-11, 2022.

Laparoscopic Surgery. Pancreas Carcinoma : Upfront Resectable, Borderline Resectable, Unresectable. Combined Diagnosis and Therapies. European Surgical Society XXIV Annual Meeting, Genoa, Italy, June 28-29, 2022.

Other, Including Scientific Exhibitions/Abstracts

Gumbs AA , Turner BC, Knisely JP, Kacinski BM, Haffty BG, Roberts KB, Frank AH, Peschel RE, Rutherford TJ, Edraki B, Kohorn EI, Chambers SK, Schwartz PE, Wilson LD. Post-Operative High Dose Rate Vaginal Apex Brachytherapy in Stage I Endometrial Adenocarcinoma. 1996 ASTRO 38th Annual Meeting (American Society for Therapeutic Radiology and Oncology), Los Angeles, California October 27-30. POSTER

Disease Vector, Triatoma Infestans. 1996 XXIII Annual Meeting On Basic Research In Chagas' Disease, Caxambu, Brazil, 6-8 November. ORAL

- Gumbs AA, Bassi C, Moore PS, Falconi M, Frigerio I, Baron A, Piemonti L, Modlin I, Scarpa A. Overexpression of the Sm-like proto-oncogene in primary and metastatic pancreatic endocrine tumors. 2001 Second Meeting of the Mediterranean Pancreatic Club, Santorini, Greece, September 8-12. ORAL/POSTER
- Gumbs AA, Shah RV, Yue JJ, Sumpio B. The Open Retroperitoneal Approach for Spine Procedures: Experience with 59 Patients. 2004 Annual Meeting of the New England Surgical Society, Montreal, Canada, October 1-3. ORAL
- Gumbs AA, Duffy AJ, Chandwani R, and Bell RL. Jejunojejunal Anastomotic Obstruction Following Laparoscopic Roux-Y Gastric Bypass Due to Non-Absorbable Suture: A Report of Seven Cases. 2005 SAGES, Fort Lauderdale, Florida, April 13-15. POSTER.
- Gumbs AA, Duffy and Bell RL. Marginal Ulceration after Laparoscopic Roux-Y Gastric Bypass. 2005 SLS, San Diego, California, September 14-17. ORAL
- Gumbs AA, Hogle N and Fowler D. Global Operative Assessment of Laparoscopic Skills (GOALS) in the Evaluation of Residents Performing Laparoscopic Appendectomy. 2006 SAGES, Dallas, Texas, April 25-29. POSTER
- Gumbs AA, Hogle N and Fowler D. Evaluation of Resident Laparoscopic Cholecystectomy Performance Using Global Operative Assessment of Laparoscopic Skills (GOALS). 2006 SAGES, Dallas, Texas, April 25-29. POSTERS
- Gumbs AA, Margolis B and Bessler M. Banded Laparoscopic Roux-en-Y Gastric Bypass. 2006 ASBS, San Francisco, California, June 26-July 1. ORAL/VIDEO
- Gumbs AA, Bessler M, Durak E, N Hogle, Fowler D. Renovascular Anomalies in Laparoscopic Donor Nephrectomies. 2006 ACS Clinical Congress, Oct 5-8. ORAL/VIDEO
- Gagner M, Gumbs AA, Milone L, Pomp A. Laparoscopic Sleeve Gastrectomy With Transoral Extraction for Morbid Obesity, 2006 ACS Clinical Congress, Oct. 5-8. ORAL/VIDEO
- Gumbs AA, Grès P, Madureira F and Gayet B. Laparoscopic vs. Open Resection of Pancreatic Endocrine Neoplasms: Single-Institution's Experience Over 14-Years. European Association of Endoscopic Surgeons. Consensus Conference of Pancreatic Endocrine Neoplasms, Vienna May 2007. ORAL
- Gumbs A, Crovari F, Vidal C, Henri P and Gayet B. Manipulador Laparoscópico Robótico Ultraliviano (ViKY System) Ensayo In Vivo en un Modelo Porcino. XVII Congreso Latinoamericano de Cirugía (FELAC), Santiago Chile November 2007. ORAL
- Gumbs AA and Brice Gayet, Totally Laparoscopic Right Hepatectomy, American College of Surgery 2007 Annual Meeting, New Orleans. ORAL/VIDEO
- Gumbs AA, Grès P, Madureira F and Gayet B. Laparoscopic vs. Open Resection of Intraductal Pancreatic Mucinous Neoplasms. IHPBA, Mumbai, India 2008. ORAL
- Gumbs AA, Barak Bar-Zakai and Brice Gayet. Totally Laparoscopic Extended Left Hepatectomy, IHPBA, Mumbai, India 2008. ORAL/VIDEO
- Gumbs AA and Gayet B. Totally Laparoscopic Central Hepatectomy, IHPBA, Mumbai, India 2008. ORAL/VIDEO
- Gumbs AA, Barak Bar-Zakai and Brice Gayet. Totally Laparoscopic Extended Left Hepatectomy, AHPBA 2008. ORAL/VIDEO
- Gumbs AA and Gayet B. Totally Laparoscopic Central Hepatectomy, AHPBA 2008. ORAL/VIDEO
- Gumbs AA and Gayet B. Laparoscopic Doudenopancreatectomy: SAGES 2008. ORAL/VIDEO
- Bessler M, Stevens, P, Milone L, Gumbs AA and Fowler D. Rigid Transvaginal Retraction In Hybrid Notes Cholecystectomy. SAGES 2008. ORAL/VIDEO
- Gayet Brice, Gumbs Andrew, Grès Philippe, Strauss Christiane, Mal Frédéric. P7 - Etude comparative de 221 résections hépatiques coelioscopiques consécutives aux séries françaises de référence par voie ouverte. Journées Francophones d'Hépatogastroentérologie et

d'Oncologie Digestive, 2008.

Gumbs AA and Brice Gayet, Totally Laparoscopic Extended Right Hepatectomy. SSAT Annual Meeting, San Diego, CA 2008. ORAL/VIDEO

Gumbs AA and Brice Gayet, VIDEO: The Lateral Laparoscopic Approach to Lesions in the Posterior Segments. SSAT Annual Meeting, San Diego, CA 2008. ORAL/VIDEO

Gumbs AA and Brice Gayet, 200 Laparoscopic Hepatectomies, SSAT Annual Meeting, San Diego, CA 2008. ORAL

Gumbs AA and Brice Gayet, 200 Laparoscopic Hepatectomies, 108th Japanese Surgical Society, Nagasaki, Japan 2008. ORAL

Gumbs AA, Bessler M, Milone L, Evanko JC, Ude AO, Stevens P, Fowler D. Getting to True NOTES Transvaginal Cholecystectomy, without Laparoscopic or Needleoscopic-Assistance. AHPBA 2009. ORAL/POSTER

Bessler M, Gumbs AA, Milone L, Evanko JC, Ude AO, Stevens P, Fowler D. Pure NOTES Cholecystectomy. SAGES 2009. ORAL/VIDEO

Gumbs AA and Gayet B. Totally Laparoscopic Posterior Approach to Lesions in the Deep Posterior Segments, EHPBA 2009. ORAL/VIDEO

Gumbs AA, Milone L, Sinha P, Chabot JA and Bessler M. VIDEO: Totally Transumbilical Laparoscopic Cholecystectomy. EHPBA 2009 ORAL/VIDEO

Gumbs AA and Brice Gayet, Totally Laparoscopic Extended Right Hepatectomy. EHPBA 2009 ORAL/POSTER

Matteotti R, Gumbs AA, Choillard E, Siripurapu and Hoffman JP. Laparoscopic Liver Surgery in Cancer Patients: Experience at a National Cancer Center, SSO 2010 POSTER

Matteotti R, Gumbs AA, Choillard E, Siripurapu and Hoffman JP. Laparoscopic Liver Surgery in Cancer Patients: Experience at a National Cancer Institute. SAGES 2010 Annual Meeting, Washington, DC 2010. POSTER/ORAL

Gumbs AA and Hoffman JP. Laparoscopic Radical Cholecystectomy and Roux-En-Y Choledochojejunostomy for Gallbladder Cancer. SAGES 2010 Annual Meeting, Washington, DC 2010. VIDEO CHANNEL ROTATION

Matteotti R, Gumbs AA, Chouillard E, Siripurapu V and Hoffman JP. Laparoscopic Liver Resections In Cancer Patients: Experience At A National Cancer Center. IHPBA 2010, Buenos Aires. POSTER

Matteotti R, Chouillard E, El Rassi Z, and Gumbs AA. Single Incision Cholecystectomy Using The Gelport Device. IHPBA 2010 Annual Meeting, Buenos Aires. ORAL/VIDEO

Gumbs AA, Jarufe N and Gayet B. Minimally Invasive Approaches to Extra-Pancreatic Cholangiocarcinomas. SAGES 2012 Annual Meeting, San Diego. ORAL

Jungsun Kim, Kenneth S. Zaret, John P. Hoffman, Maximilian Reichert, Andrew D. Rhim, Ben Z. Stanger and Andrew Gumbs. Abstract B98: Induced pluripotent stem cells from pancreatic ductal adenocarcinoma can recapitulate early developmental stages of cancer. Cancer Res July 15 2012 (72) (14 Supplement) B98; DOI: 10.1158/1538-7445.PANCA2012-B98

Gumbs AA, Chouillard E, Abu Hilal M, Croner R, Gayet B, Gagner M. The experience of the minimally invasive (MI) fellowship-trained (FT) hepatic-pancreatic and biliary (HPB) surgeon: could the outcome of MI pancreatoduodenectomy for peri-ampullary tumors be better than open? SAGES, Las Vegas, Nevada, USA, August 31-September 2021.

Other Presentations at State and Local Conferences

Gumbs AA, Fowler D, Milone L, Evanko JC, Ude AO, Stevens P and Bessler M. Getting to

True NOTES Transvaginal Cholecystectomy, without Laparoscopic or Needleoscopic-Assistance. New York Surgical Society, April 29, 2009. ORAL

PROFESSIONAL MEMBERSHIPS/ACTIVITIES

Professional Society Activities, with Offices Held

National and International

American College of Surgeons (ACS)

Associate Member, 2006-present

Program Committee, 2011

Society of American Gastrointestinal and Endoscopic Surgeons (SAGES)

Member, 2005-present

American Hepato-Pancreato-Biliary Association (AHPBA)

Member, 2006-present

Program Committee, 2011-2012

International Relations Committee, 2011-2012

Society of Surgical Oncology (SSO)

Member, 2010-present

International Hepato-Pancreato-Biliary Association (IHPBA)

Member, 2008-2014

Eastern Cooperative Oncology Group (ECOG)

Member, 2008-2010

Medecins Sans Frontieres (MSF)

Member, 2006-2008 and 11/2018-present

Intercontinental Natural Orifice Endo-Laparoscopic Surgeons (iNOELS)

Founding Member and Vice-President, 2009-2022

Women-in-Surgery Italia

Member, 2019-present

European and African Hepato-Pancreato-Biliary Association (AHPBA)

Member, 2022-present

Local/State

New York Surgical Society

Member, 2007-2008

UNIQUE ACTIVITIES

Humanitarian Missions

Surgeon, Hopital du Rutshuru, Médecins Sans Frontières, Democratic Republic of Congo, 7/2006-8/2006

MIS Surgeon, Hospital Leon Bercerra, Intercontinental Natural Orifice Endo Laparoscopic Surgeons, Guayaquil, Ecuador 3/2010 and 4/2012

Surgeon, Tabarre Hospital, Médecins Sans Frontières, Haiti, 1/2020-2/2020

DATE OF LAST CV UPDATE

5/8/2022