
CURRICULUM VITAE

Jerry Dang MD PhD FRCSC

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WORK EXPERIENCE

Cleveland Clinic Main Campus, Cleveland, Ohio

2023 – Present Clinical Associate Professor of Surgery, Department of General Surgery, Digestive Disease Institute
Division of Advanced Laparoscopic Surgery, Bariatric Surgery, and Flexible Surgical Endoscopy
Associate Staff, Department of Cancer Biology, Lerner Research Institute

Tundra Engineering Associates, Calgary, Alberta

2007 – 2010 Project Engineer

Devon Canada Corporation, Calgary, Alberta

2005 – 2006 Production Engineer

EDUCATION

2017 – 2022 University of Alberta, Edmonton, Alberta
Doctor of Philosophy in Surgery
Thesis: The Intestinal Physiology of Bariatric Surgery

2010 – 2014 University of Alberta, Edmonton, Alberta
Doctor of Medicine

2002 – 2007 University of Calgary, Calgary, Alberta
Bachelor of Science in Mechanical Engineering with Internship and minor in Mechatronics

POSTGRADUATE EDUCATION

2022 – 2023 Digestive Disease Institute, Cleveland Clinic, Cleveland, Ohio
Cleveland Clinic Main Campus
Advanced Laparoscopic Surgery and Flexible Surgical Endoscopy Fellowship

2017 – 2019 University of Alberta, Edmonton, Alberta
Royal College of Physicians and Surgeons of Canada
Clinician Investigator Program

2014 – 2022 University of Alberta, Edmonton, Alberta
General Surgery Residency

BOARD CERTIFICATION

American Board of Surgery

- Board Certified in General Surgery
- Issued November 2022

Royal College of Physicians and Surgeons of Canada

- Board Certified in General Surgery
- Issued July 2022

EXAMINATIONS

American Board of Surgery

- General Surgery Qualifying Examination and Certifying Examinations

Royal College of Physicians and Surgeons of Canada

- General Surgery Written and Applied Examinations

United States Medical Licensing Examination

- Step 1, Step 2, and Step 3

Royal College of Physicians and Surgeons of Canada

- Surgical Foundations Exam

Licentiate of the Medical Council of Canada

- MCCQE Part I and II

CERTIFICATIONS

May 2024	Vanderbilt Mouse Metabolic Phenotyping Center – Mouse Bariatric Surgery Certification, Nashville, TN
Mar 2024	Society of American Gastrointestinal and Endoscopic Surgeons - Advanced Gastrointestinal Minimally Invasive Surgery Fellowship
Mar 2024	American Society for Metabolic and Bariatric Surgery – Metabolic and Bariatric Surgery Fellowship
June 2023	Bariatric Endoscopy Skill Acquisition Focused Evaluation (BE-SAFE) Certification, Las Vegas, NV
June 2023	Fundamental Use of Surgical Energy (FUSE) Certification, Cleveland, OH
Oct 2022	SAGES Robotics Fellows Course, Norcross, GA
Sept 2022	SAGES Flexible Endoscopy Course, Evanston, IL
June 2022	Da Vinci Si Surgical System (P8, P9) Certification, Edmonton, AB
February 2022	Fundamentals of Endoscopic Surgery (FES) Certification, Tucson, AZ
January 2021	Advanced Trauma Operative Management Course, Edmonton, AB
December 2018	Species Required Training in the Rat Certification, Edmonton, AB
April 2018	Mouse Isoflurane Anesthesia and Subcutaneous Injections Certification, Edmonton, AB
February 2018	Species Required Training in the Mouse Certification, Edmonton, AB
February 2018	Concepts in Biosafety Certification, Edmonton, AB
January 2018	Animal Research Ethics Certification, Edmonton, AB
November 2017	SAGES Advanced Upper Gastrointestinal/Bariatric Surgery Course, London, ON
July 2017	Advanced Cardiac Life Support Course, Edmonton, AB
February 2017	Fundamentals of Laparoscopic Surgery (FLS) Certification, Edmonton, AB
November 2016	SAGES Basic Laparoscopy and Endoscopy Course, London, ON
October 2014	Advanced Trauma Life Support Course, Edmonton, AB
July 2014	Pediatric Advanced Life Support Course, Edmonton, AB

MEMBERSHIPS

Alberta Medical Association

American College of Surgeons

American Society for Metabolic and Bariatric Surgery

Case Comprehensive Cancer Center, Immune Oncology Program

Canadian Association of Bariatric Physicians and Surgeons

Canadian Association of General Surgeons

Canadian Medical Association

Professional Association of Resident Physicians of Alberta

Society for Surgery of the Alimentary Tract

Society of American Gastrointestinal and Endoscopic Surgeons

Society of Asian Academic Surgeons

HONOURS AND AWARDS

2022	American Society for Metabolic and Bariatric Surgery (ASMBS) International Abstract Award, \$3000 USD
2022	Society of Advanced Gastrointestinal and Endoscopic Surgeons (SAGES) Researcher in Training Award, \$1000 USD

2021	George R Graham Postgraduate Memorial Bursary in Surgery, \$2000 CAD
2020	Andrew Stewart Memorial Graduate Prize, \$5000 CAD
2019	Alberta Graduate Excellence Scholarship, \$12,000 CAD
2019	University of Alberta Graduate Fellowship, \$8,000 CAD
2019 - 2022	Alberta Innovates Clinician Fellowship, \$225,000 CAD
2019	Nominated for the Vanier Canada Graduate Scholarship
2019	Graduate Student Scholarship, \$3,000 CAD
2018	Queen Elizabeth II Graduate Scholarship, \$5,400 CAD
2018	Walter H Johns Graduate Fellowship, \$5,800 CAD
2018	Canadian Institutes of Health Research (CIHR) – Frederick Banting and Charles Best Canada Graduate Scholarships-Master's, \$17,500 CAD
2017	Queen Elizabeth II Graduate Scholarship, \$5,400 CAD
2016	Canadian Surgery Forum, Highest Scoring Abstract in Bariatrics Category
2015	Surgical Foundations Research Day 3 rd Place Award Winner
2013	MD Entering and Continuing Educational Bursary, University of Alberta
2011	Jason Lang Scholarship, University of Alberta, \$1,000 CAD
2009	Dean's List – Faculty of Science, University of Calgary
2004 & 2007	Dean's List – Schulich School of Engineering, University of Calgary
2003 & 2004	Jason Lang Scholarship, University of Calgary
2004	Canadian Gas Processors Suppliers Association Bursary, University of Calgary
2004	Talisman Energy Incorporated Bursary, University of Calgary
2004	Gas Processing Association Canada Bursary, University of Calgary
2003	Tony Neidermayer Memorial Bursary, University of Calgary
2002	University of Calgary Entrance Scholarship

RESEARCH

Active Research Grants

2024 – 2025	American Society for Metabolic and Bariatric Surgery 2024 Research Grant Primary investigator Value: \$25 000 USD <i>Elucidating the Protective Mechanisms of Bariatric Surgery on Hepatocellular Carcinoma in an Obesity Mouse Model</i>
2024 – 2025	Central Surgical Association Turcotte Award 2024 Principal Investigator Value: \$20,000 USD <i>Effect of Bariatric Surgery on Ovarian Cancer Biology</i>

Completed Research Grants

2018 – 2020	American Society for Metabolic and Bariatric Surgery 2018 Research Grant Primary applicant Value: \$25 000 USD <i>Metabolic Surgery: The complex interplay between the gut microbiota, bile acids, L-cells and GLP-1</i>
2017 – 2020	Weston Family Microbiome Initiative Pilot Grant 2017 Co-applicant Value: \$149 535 CAD <i>Fecal microbial transplantation and prebiotic supplementation in subjects with obesity and metabolic syndrome</i>
2017 – 2020	Canadian Surgical Research Fund 2017 Primary applicant Value: \$10 000 CAD <i>The Microbiology of Bariatric Surgery</i>
2017 – 2020	Society of American Gastrointestinal and Endoscopic Surgeons Research Grant 2017 Primary applicant Value: \$29 987 USD <i>The Microbiology of Bariatric Surgery</i>

- 2017 – 2020 Digestive Health Strategic Clinical Network Systematic Review Grant 2017
Co-applicant
Value: \$9000 CAD
The Genetics of Post-Operative Crohn's Disease Recurrence
- 2017 – 2020 Centre of Excellence for Gastrointestinal Inflammation and Immunity Research - Clinical Research and Progress Grant 2017
Co-applicant
Value: \$18 190 CAD
A role for bile acids in post-operative Crohn's disease recurrence

Publications – Peer reviewed

1. Barajas-Gamboa J, Emilio Serra F, Romero-Velez G, **Dang JT**, Del Gobbo GD, Abdallah M, Abril C, Raza J, Guerron AD, Corcelles R, Kroh M, Rodriguez J, Pantoja JP. Bariatric Surgical Outcomes in the Elderly: A Comparison Study Between Primary and Revisional Procedures in the United Arab Emirates. *Obesity Surgery*. Accepted for publication.
2. Au K, Zheng M-H, Lee W-J, Ghanem OM, Mahawni K, Shabbir A, le Roux CW, Torgher G, Byrne CD, Yilmaz Y, Valenti L, Sebastiani G, Tresa-Panackel L, Xiaoyan Wang H, Sakairi N, Galvao Neto M, Kermansaravi M, Kow L, Seki Y, Thum KW, **Dang J**, Cohen RV, Stier C, Al-Sabah S, Angrisani L, Chetan Parmar M, Tang W; on behalf of Global Obesity Collaborative. Resmetirom and Metabolic Dysfunction-Associated Steatohepatitis: Perspectives on Multidisciplinary Management from Global Healthcare Professionals. *Curr Obes Rep*. 2024 Jul 25.
3. Restrepo-Rodas G, Barajas-Gamboa JS, **Dang JT**, Piechowska-Jóźwiak M, Khan M, Diaz Del Gobbo G, Abdallah M, Moreno C, Abril C, Pantoja JP, Guerron AD, Corcelles R, Kroh M, Rodriguez J. 7-Year Experience of Intramural Surgery in the Middle East: A Safety and Feasibility Analysis. *Journal of Clinical Medicine*. 2024 Jul 8.
4. Lee Y, Hircok C, **Dang J**, Yung J, Elnahas A, Khamar J, Vergis A, Tahir U, Hardy K, Samarasinghe Y, Gill R, Gu J, Pescarus R, Biertho L, Lam E, Neville A, Zevin B, Ellsmere J, Karmali S, Jackson T, Okrainec A, Doumouras A, Hong D. Assessment of Guidelines for Bariatric and Metabolic Surgery: A Systematic Review and Evaluation Using Appraisal of Guidelines for Research and Evaluation II (AGREE II). *International Journal of Obesity*. 2024 Jun 18.
5. Barajas-Gamboa J, Duran V, Romero-Velez G, Mocanu V, Lee Y, Corcelles R, Allemang M, Strong AT, Navarrete S, Rodriguez J, Kroh M, **Dang JT**. Prevalence, Indications, and Complications of Conversional Surgery After Vertical Banded Gastroplasty: A MBSAQIP Analysis. *Obesity Surgery*. 2024 Jun 11.
6. Shin TH, Medhati P, **Dang J**, Wasden K, Sheu EG, Tavakkoli A. From Bands to Bypasses: Navigating Safety of Band Conversions to Roux-en-Y Gastric Bypass and Single Anastomosis Duodenoileostomy Versus Sleeve Gastrectomy. *Obesity Surgery*. 2024 Jun 5.
7. Lee Y, Tessier L, Brar K, Malone S, Jin D, McKechnie T, Jung JJ, Kroh M, **Dang JT**. Performance of Artificial Intelligence in Bariatric Surgery: Comparative Analysis of ChatGPT-4, Bing, and Bard in The ASMBS Textbook of Bariatric Surgery Questions. *Surgery for Obesity and Related Diseases*. 2024 May 8.
8. Shin T, **Dang JT**, Howell M, Husain FA, Ghanem OM, Bittner J, Eckhouse S, Fearing N, Elli E, Hussain M, Galvani C, Johnson S, Chand B, Pandya Y, Rogers A, Kroh M, Kurian M. THE SAGES MASTERS Program Bariatric Surgery Pathway selects 10 seminal publications on revisional bariatrics. *Surgical Endoscopy*. 2024 Mar 30.
9. Barajas-Gamboa J, Diccio J, **Dang JT**, Del Gobbo GD, Raza JA, Abril C, Guerron AD, Pantoja JP, Hegazin SB, Corcelles R, Rodriguez J, Kroh M. Bariatric Surgery Outcomes in Patients with Severe Obesity Compared to Patients with Non-Severe Obesity at a New Institution in the United Arab Emirates. *Journal of Clinical Medicine*. 2024 Mar 26.
10. Lee Y, Shin T, Tessier L, Javidan A, Jung J, Hong D, Strong AT, Malone S, Jin D, Kroh M, **Dang JT**. Harnessing Artificial Intelligence in Bariatric Surgery: Comparative Analysis of ChatGPT-4, Bing, and Bard in Generating Clinician-Level Bariatric Surgery Recommendations. *Surgery for Obesity and Related Diseases*. 2024 Mar 24.
11. Barajas-Gamboa J, Khan SIK, **Dang JT**, Romero-Velez G, Del Gobbo GD, Abdallah M, Pantoja JP, Abril C, Guerron AD, Lee-St John T, Corcelles R, Rodriguez J, Kroh M, Uy-Kroh MJ. Effects of Post-Surgical Pregnancy on Weight Loss Trajectories After Bariatric Surgery: Are Initial Weight and Age Prognostic Factors? *Journal of Clinical Medicine*. 2024 Feb 23.
12. **Dang JT**, Hider AM, Barajas-Gamboa JS, Mocanu V, Shin T, Romero-Velez G, Lee Y, Navarrete S, Rodriguez J, Kroh M. Safety of Limb Lengthening after Roux-en-Y Gastric Bypass: An Analysis of the MBSAQIP Database. *Surgery for Obesity and Related Diseases*. 2024 Jan 6.

13. Vaughan T, Romero-Velez G, Barajas-Gamboa J, **Dang JT**, Rodriguez J, Navarrete S, Strong AT, Rosenthal R, Corcelles R, Kroh M. Hiatal Hernia Repair After Previous Laparoscopic Roux-en-Y Gastric Bypass. Surgery for Obesity and Related Diseases. 2023 Nov 25.
14. **Dang JT**, Hage K, Corbett J, Mosleh KA, Kroh M, Ghanem OM, Clapp B. Third Time's A Charm – Band to Sleeve to Bypass. Surgical Endoscopy. 2023 Nov 17.
15. MacVicar S, Mocanu V, Jogiat U, Verhoeff K, **Dang J**, Birch DW, Karmali S, Switzer N. Revisional Bariatric Surgery for Gastroesophageal Reflux Disease: Characterizing Patient and Procedural Factors and 30-Day Outcomes for a Retrospective Cohort of 4412 Patients. Surgical Endoscopy. 2023 Oct 31.
16. Romero-Velez G, **Dang J**, Barajas-Gamboa J, John TL, Strong AT, Salvador N, Corcelles R, Rodriguez J, Fares M, Kroh M. Machine Learning Prediction of Major Adverse Cardiac Events after Elective Bariatric Surgery. Surgical Endoscopy. 2023 Sept 25.
17. Hage K, Barajas-Gamboa J, Romero-Velez G, Allemang M, Navarrete S, Corcelles R, Rodriguez J, Ghanem OM, Kroh M, **Dang JT**. Revisional Procedures After Sleeve Gastrectomy for Weight Recurrence or Inadequate Weight Loss: An Analysis of the MBSAQIP Database. Journal of Clinical Medicine. 2023 Sep 15.
18. Barajas-Gamboa J, Moon S, Romero-Velez G, Strong AT, Allemang M, Salvador N, Corcelles R, Rodriguez J, Kroh M, **Dang JT**. Primary Single Anastomosis Duodeno-Ileal Bypass with Sleeve Gastrectomy (SADI-S) Versus Sleeve Gastrectomy to SADI Conversions: A Comparison Study of Prevalence and Safety. Surgical Endoscopy. 2023 Jul 27.
19. Wilson H, Verhoeff V, **Dang J**, Kung J, Switzer N, Birch DW, Madsen K, Karmali S, Mocanu V. Safety and Outcomes of Bariatric Surgery in Patients With Inflammatory Bowel Disease: A Systematic Review and Meta-Analysis. Foregut. 13 Jul 2023.
20. Jogiat U, Wilson H, Bedard A, Blakely P, **Dang J**, Sun W, Karmali S, Bedard ELR, Wong C. Optimizing Management for Early-Stage Esophageal Adenocarcinoma: Longitudinal Results from a Multidisciplinary Program. Surgical Endoscopy. 11 Jul 2023.
21. Lee Y, Kazi T, **Dang J**, Kroh M, Doumouras A, Hong D. Financial toxicity risk among patients with gastric banding complications in the United States: Analysis of the National Inpatient Sample. Surgical Endoscopy. 9 Jul 2023.
22. Verhoeff K, Mocanu V, **Dang J**, Birch DW, Karmali S, Switzer N. Lasting impact of COVID-19 on bariatric surgery delivery in North-America: A retrospective international cohort study of 349,209 patients in 902 centers. Surgeries. 7 Jul 2023.
23. Lee Y, Tahir U, Tessier L, Yang K, Hassan T, **Dang J**, Kroh M, Hong D. Long-term outcomes following Dor, Toupet, and Nissen fundoplication: a network meta-analysis of randomized controlled trials. Surgical Endoscopy. 2023 Jun 12.
24. Romero-Velez G, Leon-Ballesteros GP, Al Zubaidi M, Barajas-Gamboa JS, **Dang J**, Corcelles R, Strong AT, Navarrete S, Kroh M. Presence of SARS-CoV-2 in Abdominal Tissues and Biologic Fluids During Abdominal Surgery: A Systematic Review. Surgical Endoscopy. 23 May 2023.
25. McLennan S, Verhoeff K, Purich K, **Dang JT**, Kung JY, Mocanu V. Duodenal-Jejunal Bypass Liners are superior to Optimal Medical Management in Ameliorating Metabolic Dysfunction: A Systematic Review and Meta-Analysis. Obesity Reviews. 2023 May 8.
26. **Dang JT**, Clapp B, Ahmad M, Ghanem OM, Parmar C, Kroh M, English W. One vs two-stage conversions of adjustable gastric bands: An analysis of the MBSAQIP database. Surgery for Obesity and Related Diseases. 2023 Mar 16.
27. Lee Y, Tessier L, Jong A, Padoan A, Samarasinghe Y, McKechnie T, Molnar A, Walsh M, Doumouras A, **Dang J**, Kroh M, Hong D. The effect of chronic kidney disease or end-stage kidney disease on perioperative outcomes and healthcare utilization in patients undergoing bariatric surgery. Obesity Surgery. 2023 Mar 15.
28. **Dang JT**, Vaughan T, Mocanu V, Mubashir H, Barajas-Gamboa JS, Corcelles Codina R, Rodriguez J, Karmali S, Kroh M. Conversion of Sleeve Gastrectomy to Roux-en-Y Gastric Bypass: Indications, Prevalence and Safety. Obesity Surgery. 2023 Mar 15.
29. **Dang JT**, Kim GJ, Kroh M. Bariatric Endoscopy: From Managing Complications to Primary Metabolic Procedures. Journal of Minimally Invasive Surgery. 15 Mar 2023.
30. Mocanu V, Verhoeff K, **Dang JT**, Birch DW, Karmali S, Switzer NJ. Post-operative but not Pre-operative COVID-19 predicts serious complications and mortality following elective bariatric surgery. Obesity Surgery. 2023 Feb 18.
31. Jogiat UM, Mocanu V, Verhoeff K, **Dang JT**, Birch DW, Switzer NJ, Karmali S. Method of Venous Thromboembolism Prophylaxis is not a Predictor of Pulmonary Embolus Following Elective Bariatric Surgery: A Retrospective Cohort of 135,409 Patients. Surgery for Obesity and Related Diseases. 2022 Dec 1.

32. **Dang JT**, Mocanu V, Verhoeff K, Allemang M, Kroh M, Karmali S. Predicting serious complications following bariatric surgery in geriatric patients: Development of the GeriBari scoring tool using the MBSAQIP database. *Surgery for Obesity and Related Diseases*. 13 Sep 2022.
33. Verhoeff K, AlKattan K, Mocanu V, Fang B, **Dang J**, Kung JY, Switzer N, Birch D, Karmali S. Are we overestimating the effect of indocyanine green on leaks following colorectal surgery: a systematic review and meta-analysis. *Innovations in Surgery and Interventional Medicine*. 15 June 2022.
34. **Dang JT**, Deprato A, Verhoeff K, Sun W, Pandey A, Mocanu V, Karmali S, Switzer NJ, Nguyen NT. Variation of Laparoscopic Roux-en-Y Gastric Bypass Techniques: A Survey of 518 Bariatric Surgeons. *Obesity Surgery*. 6 May 2022.
35. Verhoeff K, Mocanu V, Fang B, **Dang JT**, Sun W, Switzer N, Birch DW, Karmali S. Characterization of near-infrared imaging and indocyanine-green use amongst general surgeons: a survey of 263 general surgeons. *Surgical Innovation*. 22 April 2022.
36. **Dang JT**, Mocanu V, Park H, Laffin M, Karmali S, Birch DW, Madsen K. Roux-en-Y gastric bypass and sleeve gastrectomy induce substantial and persistent changes in microbial communities and metabolic pathways. *Gut Microbes*. 22 Mar 2022.
37. Purich K, Mocanu V, Joy J, Verhoeff K, **Dang J**, Switzer NJ, Birch DW, Karmali S. The Impact of Metabolic and Bariatric Surgeon Status on Outcomes After Bariatric Surgery: A Retrospective Cohort Study Using the MBSAQIP Database. *Obesity Surgery*. 2022 Mar 29.
38. Verhoeff K, Mocanu V, **Dang J**, Wilson H, Switzer N, Birch D, Karmali S. Effect of the COVID-19 pandemic on bariatric surgery in North America – A retrospective analysis of 834,647 patients. *Surgery for Obesity and Related Diseases*. 2022 Mar 19.
39. Verhoeff K, Mocanu V, **Dang J**, Switzer NJ, Birch DW, Karmali S. Characterization and Risk Factors for Early Biliary Complications Following Elective Bariatric Surgery: An MBSAQIP Analysis. *Obesity Surgery*. 2022 Jan 19.
40. Connell M, Sun WYL, Mocanu V, **Dang J**, Kung J, Switzer NJ, Birch D, Karmali S. Management of Choledocholithiasis after Roux-en-Y Gastric Bypass: A Systematic Review and Pooled Proportion Meta-Analysis. *Surgical Endoscopy*. 2022 Jan 18.
41. Mocanu V, **Dang JT**, Delisle M, Switzer NJ, Birch DW, Karmali S. 30-day Major Adverse Cardiac Events (MACE) after elective bariatric surgery: the development and validation of the Bari-MACE clinical predictive tool. *Surgery for Obesity and Related Diseases*. 2022 Mar 1.
42. Sun W, Verhoeff K, Hafid ME, Mocanu V, **Dang JT**, Lutzak G, Sultanian R, Karmali S, Wong CK. The Effect of COVID-19 Pandemic on Current and Future Endoscopic Personal Protective Equipment Practices: A National Survey of 77 Endoscopists. *Journal of the Canadian Association of Gastroenterology*. 2022 Jan 19.
43. **Dang JT**, Mocanu V, Park H, Laffin M, Tran C, Hotte N, Karmali S, Birch DW, Madsen K. Ileal microbial shifts after Roux-en-Y gastric bypass orchestrate changes in glucose metabolism through modulation of bile acids and L-cell adaptation. *Scientific Reports*. 2021 Dec 10.
44. Verhoeff K, Mocanu V, Zalaski A, **Dang J**, Kung JY, Switzer NJ, Birch DW, Karmali S. Evaluation of metabolic outcomes following SADI-S: A systematic review and meta-analysis. *Obesity Surgery*. 2022 Jan 19.
45. Verhoeff K, Mocanu V, **Dang J**, Purich K, Switzer NJ, Birch DW, Karmali S. Five Years of MBSAQIP Data: Characteristics, Outcomes, and Trends for Patients with Super-obesity. *Obesity Surgery*. 2021 Nov 15.
46. Jogiat UM, Sun WYL, **Dang JT**, Mocanu V, Kung JY, Karmali S, Turner SR, Switzer NJ. Gastric ischemic conditioning prior to esophagectomy reduces anastomotic leaks and strictures: a systematic review and meta-analysis. *Surgical Endoscopy*. 2021 Nov 15.
47. **Dang JT**, Mocanu V, Fang B, Laffin M, Karmali S, Madsen K, Birch DW. A Protocol for Roux-en-Y Gastric Bypass in Rats Using Linear Staplers. *Journal of Visualized Experiments*. 2021 Aug 21.
48. Mierzwa A, Mocanu V, Marcil G, **Dang JT**, Switzer NJ, Birch DW, Karmali S. Characterizing timing of postoperative complications following elective Roux-en-Y gastric bypass and sleeve gastrectomy. *Obesity Surgery*. 2021 Aug 10.
49. Mocanu V, Park H, **Dang J**, Hotte N, Thiesen A, Laffin M, Wang H, Birch D, Madsen K. Timing of Tributyrin supplementation differentially modulates gastrointestinal inflammation and gut microbial recolonization following murine ileocecal resection. *Nutrients*. 2021 Jun 17.
50. Mocanu V, Marcil G, **Dang JT**, Birch DW, Switzer NJ, Karmali S. Preoperative weight loss is linked to improved mortality and leaks following elective bariatric surgery: An Analysis of 548,597 patients from 2015 to 2018. *Surgery for Obesity and Related Diseases*. 2021 Jul 7.
51. Abu-Omar N, Marcil G, Valentin V, **Dang JT**, Switzer J, Kanji A, Birch D, Karmali S. The effect of the COVID-19 Pandemic on bariatric surgery delivery in Edmonton Alberta – A single center experience. *Canadian Journal of Surgery*. 2021 May 26.

52. Wilson H, Mocanu V, Sun W, **Dang J**, Jogiat U, Kung J, Switzer N, Wong C, Karmali S. Fundoplication is superior to medical therapy for Barrett's esophagus disease regression and progression: a systematic review and meta-analysis. *Surgical Endoscopy*. 18 May 2021.
53. **Dang JT**, Dang TNT, Chambers T, Wine E, Dicken B, Madsen K, Laffin MR. The Genetics of Post-operative Recurrence in Crohn's Disease: A Systematic Review, Meta-analysis, and Framework for Future Work. *Crohn's & Colitis* 360. 17 Mar 2021.
54. Mocanu V, Rajuruban S, **Dang J**, Kung J, Deehan E, Madsen K. Repeated fecal microbial transplantations and antibiotic pre-treatment are linked to improved clinical response and remission in inflammatory bowel disease. *Journal of Clinical Medicine*. 1 Mar 2021.
55. Shelton JP, Mocanu V, **Dang JT**, Abualhassan N, Birch DW, Switzer NJ, Karmali S. Implications of Technical Factors in Development of Early Sleeve Stenosis After Laparoscopic Sleeve Gastrectomy: An Analysis Using the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program Database. *Obesity Surgery*. 18 Feb 2021.
56. Mocanu V, Lai K, **Dang JT**, Switzer NJ, Birch DW, Ball GDC, Karmali S. Evaluation of the Trends, Characteristics, and Outcomes in North American Youth Undergoing Elective Bariatric Surgery. *Obesity Surgery*. 6 Feb 2021.
57. Modi R, Kabani R, **Dang J**, Chapelsky S, Sharma AM. Anti-Obesity Medications: An Update for Canadian Physicians. *Canadian Journal of General Internal Medicine*. 18 Nov 2020.
58. Verhoeff K, **Dang JT**, Deprato A, Kung JY, Switzer NJ, Birch DW, Wong C, Karmali S. Surgical management of hiatal hernia vs medical therapy to treat bleeding Cameron lesions: a systematic review and meta-analysis. *Surgical Endoscopy*. 6 Nov 2020.
59. Skulsky S, **Dang JT**, Switzer NJ, Sharma A, Karmali S, Birch DW. Higher Edmonton Obesity Staging System scores are independently associated with postoperative complications and mortality following bariatric surgery: An analysis of the MBSAQIP. *Surgical Endoscopy*. 5 Nov 2020.
60. Nasralla A, Lee J, **Dang J**, Turner S. Elevated preoperative CEA is associated with subclinical nodal involvement and worse survival in stage I non-small cell lung cancer: a systematic review and meta-analysis. *Journal of Cardiothoracic Surgery*. 15 Oct 2020.
61. Verhoeff K, **Dang JT**, Modasi A, Switzer NJ, Birch DW, Karmali S. Bariatric Surgery Outcomes in Patients with Previous Organ Transplant: Scoping Review and Analysis of the MBSAQIP. *Obesity Surgery*. 15 Oct 2020.
62. Mocanu V, **Dang JT**, Birch DW, Karmali S, Switzer NJ. Factors implicated in discharge disposition following elective bariatric surgery. *Surgery for Obesity and Related Diseases*. 2 Sep 2020.
63. **Dang JT**, Shelton J, Mocanu V, Sun W, Birch DW, Karmali S, Switzer NJ. Trends and Outcomes of Laparoscopic Sleeve Gastrectomy Between 2015 and 2018 in the United States and Canada. *Obesity Surgery*. 21 Aug 2020.
64. Mocanu V, Mihajlovic I, **Dang JT**, Birch DW, Karmali S, Switzer NJ. Evolving trends in North American gastric bypass delivery: a retrospective MBSAQIP analysis of technical factors and outcomes from 2015 to 2018. *Obesity Surgery*. 6 Aug 2020.
65. Clement E, **Dang JT**, Laffin M, Wang H. Incidence of venous thromboembolism following proctectomy is greater in ulcerative colitis than in malignancy or Crohn's Disease. *Journal of Gastrointestinal Surgery*. 23 July 2020.
66. Sun W, **Dang JT**, Modasi A, Nasralla A, Switzer N, Birch DW, Turner S, Karmali S. Diagnostic Accuracy of Sentinel Lymph Node Biopsy Using Indocyanine Green In Lung Cancer: A Systematic Review and Meta-Analysis. *General Thoracic and Cardiovascular Surgery*. 16 June 2020.
67. Mocanu V, **Dang JT**, Sun W, Birch DW, Karmali S, Switzer NJ. An evaluation of the modern North American bariatric surgery landscape: current trends and predictors of procedure selection. *Obesity Surgery*. 8 May 2020.
68. Purich K, **Dang JT**, Poonja A, Sun W, Bigam D, Birch D, Karmali S. Intraoperative fluorescence imaging with indocyanine green in hepatic resection for malignancy: a systematic review and meta-analysis of diagnostic test accuracy studies. *Surgical Endoscopy*. 7 Apr 2020.
69. **Dang JT**, Tavakoli I, Switzer N, Mocanu V, Shi X, de Gara C, Birch DW, Karmali S. Factors that predict 30-day readmission after bariatric surgery: experience of a publicly funded Canadian centre. *Canadian Journal of Surgery*. 1 April 2020.
70. **Dang JT**, Lee JKH, Kung J, Switzer NJ, Karmali S, Birch DW. The Effect of Bariatric Surgery on Migraines: A Systematic Review and Meta-Analysis. *Obesity Surgery*. 2020 Mar 30.
71. Sun WT, Switzer NJ, **Dang JT**, Gill R, Shi X, de Gara C, Birch D, Nataraj A, Karmali S. Idiopathic Intracranial Hypertension and Bariatric Surgery: A Systematic Review. *Canadian Journal of Surgery*. 20 Mar 2020.
72. **Dang JT**, Moolla M, Dang TNT, Shaw A, Tian C, Karmali S, Sultanian R. Sodium phosphate is superior to polyethylene glycol in constipated patients undergoing colonoscopy: A systematic review and meta-analysis. *Surgical Endoscopy*. 2020 Mar 2.

73. Zhang Z, Mocanu V, Cai C, **Dang J**, Slater L, Deehan EC, Walter J, Madsen KL. Impact of Fecal Microbiota Transplantation on Obesity and Metabolic Syndrome-A Systematic Review. *Nutrients*. 25 Sep 2019.
74. Ta D, **Dang JT**, Sharma AM, Karmali S, Modi R. Use of Liraglutide in a Tertiary Bariatric Clinic: A Case Series. *Journal of Obesity and Chronic Diseases*. 12 Sep 2019.
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65. Skulsky S, **Dang J**, Switzer N, Sharma A, Birch D, Karmali S. The Edmonton Obesity Staging System predicts risk of postoperative complications and mortality following bariatric surgery. *Can J Surg* (4 Suppl 2) S167 August 2019.
66. Tavakoli I, Mocanu V, MacDonald A, **Dang J**, Switzer N, Birch D. The impact of attention-deficit/hyperactivity disorder on bariatric surgery outcomes: systematic review and meta-analysis. *Can J Surg* (4 Suppl 2) S167 August 2019.
67. Lee J, **Dang J**, Switzer N, Kung J, Karmali S, Birch D. The effect of bariatric surgery on migraines: a systematic review and meta-analysis. *Can J Surg* (4 Suppl 2) S168 August 2019.
68. Mocanu V, **Dang J**, Switzer N, Birch D, Karmali S. Race and sex predict adverse outcomes following bariatric surgery: a propensity-matched MBSAQIP analysis. *Can J Surg* (4 Suppl 2) S169 August 2019.
69. Dang TN, **Dang J**, Moolla M, Switzer N, Madsen K, Birch D, Karmali S. Clostridium difficile after Laparoscopic Bariatric Surgery: An Analysis of the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program. *Gastroenterology* (2019) S1477-1478.
70. Dang TNT, **Dang J**, Moolla M, Sadowski D, Sultanian R, Wong CK. Impact of Fit Cut-Off Values on Missed Colorectal Cancer and High-Risk Lesions. *Gastroenterology* (2019) S704.
71. Modasi A, **Dang J**, Switzer N, Birch D, Karmali S. Bariatric Surgery Outcomes in Patients Requiring Anticoagulation: An Analysis of the MBSAQIP. *Gastroenterology* (2019) S1379.
72. Hefler J, **Dang J**, Modasi A, Switzer N, Birch D, Karmali S. Bariatric Surgery Outcomes in Steroid-Dependent Patients. *Gastroenterology* (2019) S1504.
73. Modasi A, **Dang J**, Switzer N, Birch DW, Karmali S. Bariatric Surgery Outcomes in Patients with Previous Organ Transplants: An Analysis of the MBSAQIP. *Gastroenterology* (2019) S1479.
74. Modasi A, **Dang J**, Switzer N, Birch DW, Karmali S. Bariatric Surgery Outcomes in Patients with Oxygen Dependency: An Analysis of the MBSAQIP. *Gastroenterology* (2019) S1468.
75. **Dang J**, Moolla M, Modasi A, Bryns S, Switzer N, Birch DW, Karmali S. Concurrent Laparoscopic Ventral Hernia Repair with Bariatric Surgery: A Propensity-Matched Analysis of the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (MBSAQIP) Database. *Gastroenterology* (2019) S1424.
76. **Dang J**, Dang TN, Moolla M, Shaw A, Tian C, Karmali S, Sultanian R. Sodium Phosphate is Superior to Polyethylene Glycol in Constipated Patients Undergoing Colonoscopy: A Systematic Review and Meta-Analysis. *Gastroenterology* (2019).
77. Moolla M, **Dang J**, Shaw A, Dang TN, Tian C, Karmali S, Sultanian R. Simethicone Decreases Bloating and Improves Bowel Preparation Effectiveness: A Systematic Review and Meta-Analysis. *Gastroenterology* (2019).
78. **Dang JT**, Tran C, Delisle M, Switzer N, Laffin M, Madsen K, Birch D, Shahzeer K. Surgical Site Infections Following Laparoscopic Bariatric Surgery: Development of the Bariwound Tool Using the MBSAQIP Database. *S050 Surgical Endoscopy* (2019) 33:S1–S77.
79. **Dang JT**, Szeto V, Elnahas A, Ellsmere J, Okrainec A, Neville A, Malik S, Yorke E, Hong D, Biertho L, Jackson T, Karmali S. Canadian Consensus Conference Statement: Enhanced Recovery After Surgery (ERAS) in Bariatric Surgery. *S107 Surgical Endoscopy* (2019) 33:S1–S77.
80. Skulsky S, **Dang JT**, Battiston A, Switzer N, Birch D, Sharma A, Karmali S. The utility of the Edmonton Obesity Staging System in predicting post-operative complications after bariatric surgery. *S051 Surgical Endoscopy* (2019) 33:S1–S77.

81. **Dang JT**, Grant C, Switzer N, Sun W, Birch DW, Karmali S. Concurrent Laparoscopic Cholecystectomy with Bariatric Surgery: A Propensity-Matched Analysis of the MBSAQIP Database. S060 Surgical Endoscopy (2019) 33:S109–S114.
82. Switzer N, **Dang J**, Warwar S, Noria S. Improving Healthcare Utilization Following Bariatric Surgery: Shifting Care of Nausea, Vomiting, and Dehydration from the Hospital to the Outpatient Setting. S073 Surgical Endoscopy (2019) 33:S109–S114.
83. Ladak F, **Dang J**, Switzer N, Mocanu V, Birch DW, Karmali S. Rates of Reoperation and Intervention Within 30 Days of Bariatric Surgery. P047 Surgical Endoscopy (2019) 33:S130–S413.
84. Robertson-More C, Modasi A, **Dang JT**, Switzer N, Birch DW, Karmali S. Early Outcomes Following Bariatric Surgery: Primary Vs Revisional Surgery. P087 Surgical Endoscopy (2019) 33:S130–S413.
85. Sun W, **Dang JT**, Switzer NJ, Birch D, Karmali S. The Utility of Routine Preoperative Upper Gastrointestinal Series for Laparoscopic Sleeve Gastrectomy. P111 Surgical Endoscopy (2019) 33:S130–S413.
86. Gamme G, **Dang J**, Switzer N, Gill R, Birch D, Karmali S. Evaluating the Safety of Bariatric Surgery for Weight Loss in Class I Obesity: A Propensity-Matched Analysis of North American data. P125 Surgical Endoscopy (2019) 33:S130–S413.
87. Lee Y, **Dang J**, Yu J, Tian C, Switzer N, Birch DW, Karmali S. Impact of Bariatric Surgery on Male Sex Hormones and Sperm Quality: A Systematic Review and Meta-Analysis. P132 Surgical Endoscopy (2019) 33:S130–S413.
88. Ta D, **Dang JT**, Sharma AM, Karmali S, Modi R. Liraglutide in a Tertiary Bariatric Clinic: A Case Series. P148 Surgical Endoscopy (2019) 33:S130–S413.
89. Mocanu V, **Dang J**, Skubleny D, Switzer N, Birch D, Karmali S. Predictors and Outcomes of Bleeding After Sleeve Gastrectomy: An Analysis of the MBSAQIP Data Registry. P152 Surgical Endoscopy (2019) 33:S130–S413.
90. **Dang J**, Mocanu V, Ladak F, Switzer N, Birch D, Karmali S. Predictors and Outcomes of Leak after RYGB: An Analysis of the MBSAQIP Data Registry. P154 Surgical Endoscopy (2019) 33:S130–S413.
91. Hefler J, **Dang J**, Switzer N, Mocanu V, Birch DW, Karmali S. Repair of Paraesophageal Hernia at the Time of Bariatric Surgery: A Propensity Matched Analysis of the MBSAQIP Database. P170 Surgical Endoscopy (2019) 33:S130–S413.
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93. Warwar S, Switzer NJ, **Dang J**, Delisle M, Holcomb C, Karmali S, Maurer S, Needleman B, Noria S. Pre-operative Risk Factors for 30-Day Mortality After Primary Laparoscopic Bariatric Procedures. P182 Surgical Endoscopy (2019) 33:S130–S413.
94. Mocanu V, Tavakoli I, **Dang J**, Switzer N, Birch D, Karmali S. The Impact of ADHD on Outcomes Following Bariatric Surgery: A Systematic Review and Meta-analysis. P192 Surgical Endoscopy (2019) 33:S130–S413.
95. Moolla M, **Dang J**, Shaw A, Dang TNT, Tian C, Karmali S, Sultanian R. Simethicone Decreases Bloating and Improves Bowel Preparation Effectiveness: A Systematic Review and Meta-Analysis. P430 Surgical Endoscopy (2019) 33:S130–S413.
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99. Fang B, **Dang JT**, Karmali S. Laparoscopic Nissen Fundoplication: An Educational Video. V272 Surgical Endoscopy (2019) 33:S414–483.
100. Fang B, **Dang J**, Karmali S. Laparoscopic Nissen fundoplication: a step-by-step educational video. Can J Surg Vol. 61 (4 Suppl 2) S100 August 2018.
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105. Mocanu V, **Dang J**, Switzer N, Tavakoli I, Tian C, de Gara C, Birch DW, Karmali S. The Role of Antibiotics in Acute Uncomplicated Diverticulitis: A Systematic Review and Meta-analysis P255 *Surgical Endoscopy* (2018) 32:S130–S359.
106. Ladak F, **Dang J**, Switzer N, Tian C, Birch D, Turner S, Karmali S. A Systematic Review and Meta-analysis on the Use of Indocyanine Green for the Prevention of Anatomic Leaks Following Esophagectomy P416 *Surgical Endoscopy* (2018) 32:S130–S359.
107. Nasralla A, **Dang JT**, Jacobsen M, Switzer N, de Gara C, Birch DW, Karmali S. Inconsistencies in the Reporting of Weight Loss in Bariatric Surgery: A Systematic Review P575 *Surgical Endoscopy* (2018) 32:S130–S359.
108. Skubleny D, Switzer NJ, **Dang JT**, de Gara C, Birch DW, Karmali S. The Role of Cefazolin, Metronidazole and Oral Chlorhexidine Rinse in Reducing Surgical Site Infection Following Bariatric Surgery: A Quality Control Initiative. P595 *Surgical Endoscopy* (2018) 32:S130–S359.
109. Sun W, **Dang JT**, Switzer NJ, Ta D, Tian C, de Gara C, Birch DW, Karmali S. The Relationship Between Thyroid Hormone Levels and Bariatric Surgery: A Systematic Review P607 *Surgical Endoscopy* (2018) 32:S130–S359.
110. **Dang JT**, Skulsky S, Switzer NJ, Walsh C, Shi X, Karmali S, Neville A. Secondary Surgery After Sleeve Gastrectomy, Roux-en-Y Gastric Bypass vs Biliopancreatic Diversion with Duodenal Switch: A Systematic Review and Meta-analysis P619 *Surgical Endoscopy* (2018) 32:S130–S359.
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112. **Dang JT**, Switzer N, Skulsky S, Miskew Nichols B, Shi X Eagle Bear S, de Gara C, Birch DW, Karmali S. Bariatric Surgery: The Impact of Socioeconomic Factors and Indigenous Status P649 *Surgical Endoscopy* (2018) 32:S130–S359.
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114. **Dang JT**, Switzer NJ, Skulsky S, Miskew Nichols B, Shi X, Eagle Bear S, de Gara C, Birch DW, Karmali S. Bariatric surgery: the impact of socioeconomic factors and Indigenous status. *Can J Surg* Vol. 60 (4 Suppl 1) S109 September 2017.
115. Sun WY, **Dang JT**, Switzer NJ, Gill R, de Gara C, Birch DW, Karmali S. The Utility of Routine Esophagogastroduodenoscopy Prior to Laparoscopic Roux-en-Y Gastric Bypass. *Can J Surg* Vol. 60 (4 Suppl 1) S109 September 2017.
116. Mocanu V, **Dang JT**, Switzer NJ, de Gara C, Birch DW, Karmali S. The effect of Helicobacter pylori on outcomes following bariatric surgery: a systematic review. *Can J Surg* Vol. 60 (4 Suppl 1) S109 September 2017.
117. **Dang JT**, Tavakoli I, Switzer NJ, Shi X, de Gara C, Birch DW, Karmali S. Predictive factors of 30-day readmission after bariatric surgery in a publicly funded bariatric centre: a multivariate analysis. *Can J Surg* Vol. 60 (4 Suppl 1) S109 September 2017.
118. Skubleny D, Switzer NJ, **Dang JT**, de Gara C, Birch DW, Karmali S. The role of cefazolin, metronidazole and oral chlorhexidine rinse as preoperative antimicrobial prophylaxis in reducing surgical site infection following bariatric surgery: a quality control initiative. *Can J Surg* Vol. 60 (4 Suppl 1) S109 September 2017
119. Skubleny D, Switzer NJ, **Dang J**, Gill RS, Shi X, de Gara C, Birch DW, Wong C, Hutter MM, Karmali S. Linx® Magnetic Esophageal Sphincter Augmentation Versus Nissen Fundoplication for Gastroesophageal Reflux Disease: A Systematic Review and Meta-analysis. *Surgical Endoscopy* (2017) 31:S137–S334.
120. Sun W, **Dang JT**, Switzer NJ, Shi X, Gill R, de Gara C, Birch DW, Karmali S. The Utility of Routine Esophagogastroduodenoscopy Prior to Laparoscopic Roux-En-Y Gastric Bypass. *Surgical Endoscopy* (2017) 31:S137–S334.
121. **Dang JT**, Switzer NJ, Shi X, de Gara C, Birch DW, Karmali S. Predictive Factors of 30-Day Readmission After Bariatric Surgery in a Publicly-Funded Bariatric Center: A Multivariate Analysis. *Surgical Endoscopy* (2017) 31:S137–S334.
122. **Dang JT**, Sheppard C, Kim DH, Shi X, Li X, de Gara C, Karmali S, Birch DW. Treating type 2 diabetes with bariatric surgery — a predictive tool. *Can J Surg* Vol. 59 (4 Suppl 1) S78 August 2016.
123. Sun WYL, Switzer NJ, Smart T, **Dang JT**, Gill R, de Gara C, Birch D, Karmali S. An update on idiopathic intracranial hypertension and bariatric surgery: a systematic review. *Can J Surg* Vol. 59 (4 Suppl 1) S78 August 2016.

124. Chow A, Switzer NJ, **Dang J**, Shi X, de Gara C, Birch DW, Gill RS, Karmali S. A systematic review and meta-analysis of outcomes for type 1 diabetes after bariatric surgery. *Can J Surg* Vol. 59 (4 Suppl 1) S79 August 2016.
125. **Dang J**, Lester E, Sun W, Dykstra M, Fawcett V, Widder S, Tsang B. Traumatic injury in the oil industry. *Can J Surg*. 2016 Jun; 59(3): S1-S37.
126. **Dang JT**, Sheppard C, Kim DH, Shi X, de Gara C, Karmali S, Birch DW. Predictive Factors of Type 2 Diabetes Remission After Bariatric Surgery: A Multivariate Analysis. *Surgical Endoscopy* (2016) 30:S325–S500 P485.
127. Sun W, Switzer NJ, Smart T, **Dang JT**, Gill RS, de Gara C, Birch D, Karmali S. An Update on Idiopathic Intracranial Hypertension and Bariatric Surgery: A Systematic Review. *Surgical Endoscopy* (2016) 30:S325–S500 P490.
128. Chow A, Switzer NJ, **Dang JT**, Shi X, de Gara C, Birch D, Gill RS, Karmali S. Bariatric Surgery Outcomes in Type 1 Diabetes: A Systematic Review. *Surgical Endoscopy* (2016) 30:S325–S500 P501.
129. **Dang JT**, Switzer NJ, Wu J, Gill R, Thereaux J, Shi X, de Gara C, Birch D, Karmali S. Gastric Band Removal in Revisional Bariatric Surgery, One-Step or Two-Step? A Systematic Review and Meta-analysis. *Surgical Endoscopy* (2016) 30:S325–S500 P505.

Presentations

1. Podium presentation: Safety of Limb Lengthening after Roux-en-Y Gastric Bypass. *American Society of Metabolic and Bariatric Surgeons Meeting 2023, Las Vegas, NV*.
2. Video presentation: Complex Reconstruction for Gastro-Gastric Fistula after Roux-en-Y Gastric Bypass. *Society of American Gastrointestinal and Endoscopic Surgeons Meeting 2023, Montreal, QC*.
3. Video presentation: Laparoscopic Bochdalek Hernia Repair. *Society of American Gastrointestinal and Endoscopic Surgeons Meeting 2023, Montreal, QC*.
4. Podium presentation: Comparing the Safety of Revisional Bariatric Procedures for Weight Recurrence and Inadequate Weight Loss After Sleeve Gastrectomy: An Analysis of the MBSAQIP Database. *Society of American Gastrointestinal and Endoscopic Surgeons Meeting 2023, Montreal, QC*.
5. Poster presentation: Revisional Surgery After Sleeve Gastrectomy: A MBSAQIP Analysis. *Society of American Gastrointestinal and Endoscopic Surgeons Meeting 2023, Montreal, QC*.
6. Podium presentation: Characterizing the prevalence and safety of revisional sleeve gastrectomy to Roux-en-Y gastric bypass. *International Federation for the Surgery of Obesity and Metabolic Disorders World Congress 2022, Miami, FL*.
7. Podium presentation: Predicting serious complications following bariatric surgery in geriatric patients: Development of the GeriBari tool using the MBSAQIP database. *American Society of Metabolic and Bariatric Surgeons Meeting 2022, Dallas, TX*.
8. Podium presentation: Ileal microbial shifts after Roux-en-Y gastric bypass orchestrate changes in glucose metabolism through modulation of bile acids and L-cell adaptation. *American Society of Metabolic and Bariatric Surgeons Meeting 2022, Dallas, TX*.
9. Podium presentation: Integrated Fecal Microbiome and Serum Metabolomic Analysis Reveals Key Metabolic Pathways After Roux-en-Y Gastric Bypass and Sleeve Gastrectomy: A Three-Arm Prospective Clinical Trial. *Society of American Gastrointestinal and Endoscopic Surgeons Meeting 2022, Denver, CO*.
10. Poster presentation: Variation of Laparoscopic Roux-en-Y Gastric Bypass Techniques: A Survey of 518 Bariatric Surgeons. *Society of American Gastrointestinal and Endoscopic Surgeons Meeting 2021, Las Vegas, NV*.
11. Podium presentation: Predicting Major Cardiac Complications Following Laparoscopic Bariatric Surgery. *Society of American Gastrointestinal and Endoscopic Surgeons Meeting 2020 Virtual Meeting*.
12. Podium presentation: Trends and Outcomes of Laparoscopic Sleeve Gastrectomy Between 2015 and 2018 in the United States and Canada. *General Surgery Research Day 2020, Edmonton, AB*.
13. Podium presentation: Genetics of post-operative recurrence of Crohn's disease: A systematic review and meta-analysis. *Canadian Surgery Forum, 2019, Montreal, QC*.
14. Podium presentation: Technical Factors Associated with Early Sleeve Stenosis after Sleeve Gastrectomy. *Canadian Surgery Forum, 2019, Montreal, QC*.
15. Podium presentation: Concurrent Laparoscopic Ventral Hernia Repair with Bariatric Surgery: A Propensity-Matched Analysis. *Canadian Surgery Forum, 2019, Montreal, QC*.
16. Podium presentation: Evaluating the Safety of Intragastic Balloon: An Analysis of the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program. *General Surgery Research Day 2019, Edmonton AB*.
17. Podium presentation: Surgical Site Infections Following Laparoscopic Bariatric Surgery: Development of the BariWound Tool Using the MBSAQIP Database. *Tom Williams Research Day 2019, Edmonton, AB*.
18. Podium presentation: Concurrent Laparoscopic Ventral Hernia Repair with Bariatric Surgery: A Propensity-Matched Analysis of the Metabolic Surgery Accreditation and Quality Improvement Program (MBSAQIP) Database. *Digestive Diseases Week 2019, San Diego, CA*.

19. Podium presentation: Bariatric Surgery Outcomes in Patients Requiring Anticoagulation: An Analysis of the MBSAQIP. *Digestive Diseases Week 2019, San Diego, CA.*
20. Poster presentation: Bariatric Surgery Outcomes in Steroid-Dependent Patients. *Digestive Diseases Week 2019, San Diego, CA.*
21. Poster presentation: Bariatric Surgery Outcomes in Patients with Previous Organ Transplants: An Analysis of the MBSAQIP. *Digestive Diseases Week 2019, San Diego, CA.*
22. Poster presentation: Bariatric Surgery Outcomes in Patients with Oxygen Dependency: An Analysis of the MBSAQIP. *Digestive Diseases Week 2019, San Diego, CA.*
23. Poster presentation: Sodium Phosphate is Superior to Polyethylene Glycol in Constipated Patients Undergoing Colonoscopy: A Systematic Review and Meta-Analysis. *Digestive Diseases Week 2019, San Diego, CA.*
24. Poster presentation: Simethicone Decreases Bloating and Improves Bowel Preparation Effectiveness: A Systematic Review and Meta-Analysis. *Digestive Diseases Week 2019, San Diego, CA.*
25. Podium presentation: Surgical Site Infections Following Laparoscopic Bariatric Surgery: Development of the Bariwound Tool Using the MBSAQIP Database. *Society of American Gastrointestinal and Endoscopic Surgeons Meeting 2019, Baltimore, MD.*
26. Podium presentation: Canadian Consensus Conference Statement: Enhanced Recovery After Surgery (ERAS) in Bariatric Surgery. *Society of American Gastrointestinal and Endoscopic Surgeons Meeting 2019, Baltimore, MD.*
27. Poster presentation: Sodium Phosphate is Superior to Polyethylene Glycol in Constipated Patients Undergoing Colonoscopy: A Systematic Review and Meta-Analysis. *Society of American Gastrointestinal and Endoscopic Surgeons Meeting 2019, Baltimore, MD.*
28. Poster presentation: Predictors and Outcomes of Bleeding After Sleeve Gastrectomy: An Analysis of the MBSAQIP Data Registry. *Society of American Gastrointestinal and Endoscopic Surgeons Meeting 2019, Baltimore, MD.*
29. Poster presentation: Predictors and Outcomes of Leak after RYGB: An Analysis of the MBSAQIP Data Registry. *Society of American Gastrointestinal and Endoscopic Surgeons Meeting 2019, Baltimore, MD.*
30. Poster presentation: Comparing Mini-gastric Bypass and Roux-en-Y Gastric Bypass for Bariatric Surgery Using the Metabolic and Bariatric Surgery Accreditation and Quality Improvement (MBSAQIP) Database. *Society of American Gastrointestinal and Endoscopic Surgeons Meeting 2019, Baltimore, MD.*
31. Podium presentation: Evaluating the Safety of Intra-gastric Balloon: An Analysis of the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program. *Canadian Surgery Forum 2018, St. Johns, NL.*
32. Podium presentation: Predicting venous thromboembolism following laparoscopic bariatric surgery: Development of the BariClot tool using the MBSAQIP database. *Canadian Surgery Forum 2018, St. Johns, NL.*
33. Podium presentation: Predicting venous thromboembolism following laparoscopic bariatric surgery: Development of the BariClot tool using the MBSAQIP database. *Tom Williams Research Day 2018, Edmonton, AB.*
34. Poster presentation: Bariatric Surgery: The Impact of Socioeconomic Factors and Indigenous Status. *Society of American Gastrointestinal and Endoscopic Surgeons 2018, Seattle, WA.*
35. Poster presentation: The Role of Antibiotics in Acute Uncomplicated Diverticulitis: A Systematic Review and Meta-analysis. *Canadian Digestive Diseases Weekly 2018, Toronto, ON.* Awarded Poster of Distinction.
36. Poster presentation: Bariatric Surgery: The Impact of Socioeconomic Factors and Indigenous Status. *Canadian Surgery Forum 2017, Victoria, BC.*
37. Poster presentation: Bariatric Surgery: The Impact of Socioeconomic Factors and Indigenous Status. *Tom Williams Research Day 2017, Edmonton, AB.*
38. Podium presentation: Heated Insufflation with or without Humidification for Laparoscopic Abdominal Surgery. *General Surgery Research Day 2017, Edmonton, AB.*
39. Poster presentation: Predictive Factors of 30 Day Readmission After Bariatric Surgery in a Publicly-Funded Bariatric Centre: A Multivariate Analysis. *Society of American Gastrointestinal and Endoscopic Surgeons Meeting 2017, Houston, TX.*
40. Invited panelist at Canadian Journal of Surgery Biology Club at *Canadian Surgery Forum 2016.*
41. Podium presentation. Treating type 2 diabetes with bariatric surgery – A predictive tool. *Canadian Surgery Forum 2016, Toronto, ON.* Highest scoring abstract in Bariatrics category.
42. Poster presentation. Major Traumatic Injury in the Oil and Gas Industry. *Trauma Association of Canada Scientific Meeting & Conference 2016, Halifax, NS.*
43. Podium presentation. Treating type 2 diabetes with bariatric surgery – A predictive tool. *Tom Williams Research Day 2016, Edmonton, AB.*
44. Podium presentation. Treating type 2 diabetes with bariatric surgery – A predictive tool. *General Surgery Research Day 2016, Edmonton, AB.*
45. Podium presentation. Gastric band removal in revisional bariatric surgery, one-step versus two-step: A systematic review and meta-analysis. *General Surgery Research Day 2016, Edmonton, AB.*

46. Poster presentation. Gastric band removal in revisional bariatric surgery, one-step versus two-step: A systematic review and meta-analysis. *Society of American Gastrointestinal and Endoscopic Surgeons Meeting 2016*, Boston, MA.
47. Poster presentation. Treating type 2 diabetes with bariatric surgery – A predictive tool. *Society of American Gastrointestinal and Endoscopic Surgeons Meeting 2016*, Boston, MA.
48. Podium presentation. Predictive factors of type 2 diabetes remission after bariatric surgery: A multivariate analysis. Surgical Foundations Research Day, Edmonton, AB. October 2015, 3rd place award.

Editorial Board

2023 – Present	Journal of Clinical Medicine Topical Advisory Panel
2022 – Present	Annals of Laparoscopic and Endoscopic Surgery
2022 – Present	Mini-invasive Surgery

Guest Editor

2023 – 2024	Journal of Clinical Medicine Special Issue “New Challenges in Laparoscopic, Robotic and Endoscopic Surgery”
2023 – 2024	Journal of Clinical Medicine Special Issue “Clinical Advances in Obesity and Bariatric Surgery”
2022 – 2023	Journal of Clinical Medicine Special Issue “Complications in Bariatric Surgery”
2022 – 2023	Frontiers in Clinical Diabetes and Healthcare Special Issue “Bariatric Surgery for Diabetes Type 2 Mellitus”
2022 – 2023	Journal of Visualized Experiments Special Issue “Techniques in Minimally Invasive Foregut Surgery”

Peer Reviewer

2023 – 2024	Surgical Innovation
2023 – 2024	Surgical Endoscopy
2018 – 2024	Surgery for Obesity and Related Diseases
2020	Scientific Reports
2020	PLOS ONE
2020	Proceedings
2019 - 2022	Journal of Clinical Medicine
2018	Langenbecks Archives of Surgery

COMMITTEE AND VOLUNTEER EXPERIENCE

Oct 2023 – Present	Cleveland Clinic – Digestive Disease Institute Innovations Think Tank Member
Oct 2023 – Present	Cleveland Clinic – Digestive Disease Institute Artificial Intelligence Working Group Member
Jan 2024 – Present	American Society for Metabolic and Bariatric Surgery (ASMBS) - Flexible Endoscopy Committee Member
May 2023 – Present	American Society for Metabolic and Bariatric Surgery (ASMBS) – Artificial Intelligence and Digital Surgery Task Force Co-Chair
May 2023 – Present	American Society for Metabolic and Bariatric Surgery (ASMBS) – Numbers Committee – Co-Chair
April 2023 – Present	American Society for Metabolic and Bariatric Surgery (ASMBS) – Communications Committee Member
August 2022 – Present	<ul style="list-style-type: none"> Journal Club Subcommittee Lead
	Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) – Metabolic and Bariatric Surgery Committee Member
August 2022 – Present	<ul style="list-style-type: none"> Bariatric Endoscopy Skill Acquisition Focused Evaluation (BE-SAFE) subcommittee member and senior examination proctor
	Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) – Flexible Endoscopy Committee Member
Sept 2017 – Present	Canadian Association of General Surgeons (CAGS) – Clinical Practice Committee
Sept 2016 – June 2022	<ul style="list-style-type: none"> Clinical Practice Updates Subcommittee Lead
	University of Alberta, Faculty of Medicine and Dentistry, Edmonton, Alberta Assisted the Centre for the Advancement of Surgical Education and Simulation in the development of their curriculum and instructed junior residents during laparoscopic surgery sessions