

YUNG LEE MD MPH FRCSC

Clinical Scholar, McMaster University
Advanced MIS/Bariatrics/Surgical Endoscopy, Cleveland Clinic, Cleveland, OH
CPSO #121023 / SMBO #35.152078
50 Charlton Ave E, Hamilton ON G814

CV HIGHLIGHTS

CLINICAL

- **Specialization:** Minimally Invasive Surgery (MIS), Foregut, and Surgical Endoscopy
- **Fellowship:** Advanced MIS/Bariatrics/Surgical Endoscopy Fellowship at the Cleveland Clinic
- **Clinical exposure/skillset:** primary and revisional upper GI surgery, wide range of benign and malignant foregut diseases, and advanced endoscopy (third space endoscopy [POEM, GPOEM, EMR/ESD], endobariatrics, and other therapeutic endoscopic procedures), and acute care surgery
- **Vision:** To lead a MIS practice that integrates **laparoscopy, robotics, and advanced endoscopic** techniques in both elective and acute care practice

RESEARCH

- **Portfolio:** Extensive clinical epidemiology, health services, and AI research in general surgery with a focus on improving surgical outcomes, accessibility, and patient care
- **Publications:** Authored over **170 peer-reviewed manuscripts with 5,000 + citations, h-index of 38**. Authored major bariatric and metabolic surgery textbook chapters, guidelines, and statements.
- **Leadership:** Founder and chair of Evidence-based General Surgery (EVIGS) to advance the practice of evidence-based surgery through trials, population-based studies, meta-analyses, and more.
- **Initiative:** First North American editorial assistant of BJS. Member of the BJS AI working group. Co-chair of the ASMBS (American Society of Bariatric and Metabolic Surgery) Emerging Technology & Procedures committee, awarded 2026 committee of the year

EDUCATION

- **Mentorship:** Dedicated to mentoring and inspiring trainees in both clinical and research contexts
- **Recognition:** McMaster PGME Resident Mentor Award for teaching excellence
- **Innovation:** Developed the McMaster Surgical Education Checklist through the support of PGME Resident Education Grant and McMaster First Cut Competition (1st place)
- **Pedagogy/approach:** Interest in innovating teaching programs through Video-based Surgical Coaching and EVIGS research training course for residents

AWARDS & GRANTS

- **Recognition:** Recipient of **major awards and grants in MIS and bariatrics** available in NA trainee
- **Funding:** Total funding to date exceeds **\$350,000 (33 awards, 8 grants)**
- **MIS:** American College of Surgeons (ACS) Resident Research Grant (highest value resident grant in surgery), SAGES 2024 Researcher in Training Award (most prestigious resident award in MIS), SAGES 1st place in Resident/Fellows Competition, SAGES Medical Student Award, etc.
- **Bariatrics:** IFSO 2024 Young Investigator Award, IFSO 2023 Surgeons Scholarship, etc.
- Awarded full undergraduate and partial tuition to **McMaster BHSc** and **McMaster MD program** as an inaugural Wilson Leader Scholar. Awarded **full tuition support to Harvard MPH** by McMaster Department of Surgery and Michael G DeGroote Foundation.
- **McMaster University Funded Awards:** Michael G. DeGroote Fellowship, Juravinski Fellowship, Wilson Leader Scholar Award, Queen Elizabeth Scholarship
- **Community Recognition:** Korean Canadian Scholarship (KCSF), Korean Honor Scholarship, Korean Canadian Science Scholarship, Shortlist for Top 25 Canadian-Immigrant Awards 2025, etc.

ACADEMIC AFFILIATION

July 2026 –	Clinical Scholar, Department of Surgery McMaster University, Hamilton, ON, Canada
July 2025 – July 2026	Associate Staff & Clinical Fellow in Minimally Invasive Surgery, Bariatrics, and Surgical Endoscopy Cleveland Clinic, Cleveland, Ohio, USA

EDUCATION

July 2022 – Nov 2023	Master of Public Health (M.PH.) in Clinical Effectiveness Harvard T.H. Chan School of Public Health, Harvard University, Boston, MA, USA <i>American College of Surgeons Research Scholar</i> <i>Margaret and Charles Juravinski Surgical Fellow</i> <i>Michael G. DeGroot Clinical Research Fellow</i>
Aug 2017 – May 2020	Doctor of Medicine (M.D.) McMaster University, Hamilton, ON, Canada <i>Wilson Leadership Scholar</i>
Sept 2014 – May 2017	Bachelor of Health Sciences (B.H.Sc.), <i>Summa Cum Laude</i> McMaster University, Hamilton, ON, Canada <i>Queen Elizabeth Scholar</i> Provost Honours Roll (2017) and Dean's Honours List (2014-2017)

POSTGRADUATE TRAINING AND CERTIFICATIONS

Aug 2025	Minimally Invasive Surgery, Bariatrics, Surgical Endoscopy, Cleveland Clinic, Cleveland, OH, USA Accredited Fellowship Training (Advanced MIS/Bariatrics/Comprehensive Flexible Endoscopy) MBSAQIP Accredited bariatric surgery program Licensed to independently practice in Ohio
April 2025	KSERS Visiting Scholar, Asan Medical Centre, Seoul, South Korea Visiting scholar at the Division of Stomach surgery for MIS gastric cancer procedures
Jul 2020 – June 2025	General Surgery Residency, McMaster University (Degree: FRCSC) Department of Surgery, McMaster University (ECFMG/ACGME accredited program) Canadian Board-Certified General Surgeon
Oct 2024- Present	Ohio Independent License 35.152078 State Medical Board of Ohio License
Jul 2025 – Present	Ontario Independent License #121023 College of Physicians and Surgeons of Ontario (CPSO) Independent License

SELECT WORK AND ACADEMIC EXPERIENCES

Sept 2018 – Present <i>Hamilton, ON</i>	Chair and Founder Evidence Based General Surgery (EVIGS) Working Group ▪ Spearheaded multi-institutional research group comprised of surgeons, research methodologists, and student researchers to evaluate surgical literature and contribute to the practice of Evidence-Based Surgery through production of meta-analyses, cohort studies, and guidelines. ▪ Led research group in the field of general surgery, effectively combining my interests in both health research methods and clinical epidemiology. ▪ Currently leading the BARICADE Trial with the support of two grants (~\$150,000).
Jul 2025 – Present	Co-chair ASMBS Emerging Technologies and Procedures Committee ▪ Lead initiatives focused on integration of novel bariatric surgical procedures and AI with co-chairs, Dr Jerry Dang and Dr Thomas Shin ▪ Oversee committee driven research, education, and guideline development on AI applications and digital health tools, and procedural innovation as part of ASMBS ▪ Awarded 2026 committee of the year
June 2024 – Present <i>London, UK</i>	Editorial Assistant and AI Working Group British Journal of Surgery (BJS) ▪ Part of the associate board the <i>British Journal of Surgery</i> (Impact Factor: 8.6, second highest impact factor journal for all surgical journals) ▪ Former Editorial Assistant (first North American) both in-person and virtual meeting (monthly) to discuss submitted papers and other journal initiatives under <i>BJS</i>, <i>BJS Open</i>, and <i>BJS Foundation</i> ▪ Member of the BJS AI working group as part of the BJS Foundation
July 2026 – Present <i>Richmond Hill, ON</i>	Locum Acute Care Surgeon Mackenzie Health (CVH and MRH) • Working as a locum ACS surgeon on weekends at both CVH and MRH hospital as an independent practitioner caring for ACS patients, offering breadth of MIS general surgery
July 2026 – Present <i>Hamilton, ON</i>	General Surgeon & Endoscopist GHA Surgical Clinics • Working as a general surgeon performing outpatient endoscopy and clinic
Feb 2022 – Present <i>Toronto, ON</i>	Advanced Trauma Life Support (ATLS) Instructor American College of Surgeons ▪ Licensed by the American College of Surgeons to teach Advanced Trauma Life Support (ATLS) certification courses to residents and attending physicians at both Sunnybrook Hospital and St. Michael's Hospital in Toronto, Ontario.
Nov 2015 – Present <i>Hamilton, ON</i>	Research Associate Department of Health Research Methods, Evidence, and Impact), McMaster University ▪ Collaborated with methodologists, physicians, and guideline panelists on meta-analyses and systematic reviews ▪ Role involves generating clinically relevant research questions, critically appraising the literature, and utilizing robust health research methods to synthesize data under the supervision of Dr. Gordon Guyatt.
Nov 2017 – June 2025 <i>Helsinki, Finland</i>	Core Team Member Clinical Urology and Epidemiology (CLUE) Working Group ▪ Part of an international collaboration: “Risk of Thrombosis and Bleeding in General Surgery”. ▪ Collaborate with an international team of urologists, general surgeons, and methodologists to investigate practice variation and patient values and preferences on specific surgical procedures under the supervision of Dr. Kari Tikkinen.

Aug 2021 – Apr 2024 <i>Hamilton, ON</i>	Medical Foundations Clinical Skills Instructor McMaster University Taught clinical skills to pre-clerkship medical students at McMaster University.
Feb 2019 – Aug 2022 <i>Hamilton, ON</i>	Evidence Synthesis Lead Ontario Bariatric Network Surgical Task Force - Led a team comprised of general surgeons, allied health professionals, and research associates to generate evidence-based and patient centred position statements to impact health policies related to bariatric care in Ontario. - Two position statements from this initiative are currently in review by the Ontario Deputy Minister of Health for a potential cabinet decision to broaden indication for bariatric surgery and type of surgical procedures offered for severe obesity in Ontario.
Apr 2017 – Aug 2018 <i>London, UK</i>	Queen Elizabeth Scholar National Health Services (NHS) England - Commonwealth Internship program funded by the Queen Elizabeth II Diamond Jubilee Scholarship Foundation, funded an internship at the NHS England's National Primary Care Department - Collaborated with clinical and non-clinical stakeholders, as well as the National Chair of Primary Care Department on 10 High Impact Actions for General Practice Project and gained experience in healthcare commissioning and delivery, primary care policy, and healthcare leadership and decision making.
Feb 2015 – June 2017 <i>Hamilton, ON</i>	Undergraduate Research Associate McMaster Immunology Research Centre (MIRC) - Conducted basic sciences research examining the effect of female sex hormones on susceptibility to HSV-2 and HIV under the supervision of Dr. Charu Kaushic. - Developed basic sciences research skills such as animal research, cell culture, PCR, western blot, viral assays, and other lab techniques

SCHOLARSHIPS AND AWARDS

Total Funding: \$175,692.00 CAD; \$138,750.00 USD

Sept 2025	Best Video Presentation at Canadian Surgery Forum (CSF) 2025 Awarded to the best video presentation at the national surgical meeting in Canada (Montreal, QC)
Apr 2025	Shortlisted for Top 25 Canadian Immigrant Awards Selected amongst list of 75 candidates for the Top 25 Canadian Immigrant Awards, which is awarded to immigrants who have made or have the potential to make a meaningful impact in the Canadian society
Apr 2024	SAGES 2024 Researcher in Training Award Awarded to a SAGES member who is currently in residency or fellowship that demonstrates excellence in minimal access surgical research. Selections are based on research submitted to SAGES, evidence of current and previous investigation, and demonstrated interest in becoming an active participant of SAGES.
Nov 2023	2023 RBC Future Launch Scholarship (\$1,500) Scholarship awarded to Canadian youth with a drive for lifelong learning and gaining skills for the modern workforce; used to fund travel to IFSO conference 2023. Awarded the second after the first award in 2021.
June 2023	Michael G. DeGroote Fellowship Award in Clinical Research (\$50,000) Awarded to provide funding to research-intensive individuals looking to further their academic career in the Faculty of Health Sciences at McMaster University.
May 2023	International Federation of Surgery of Obesity and Metabolic Disorders (IFSO) Young Investigators Research Award (\$3,000 USD)

Awarded to the youngest among the authors of the “Best Oral Abstracts” session in IFSO 2023.

- Apr 2023 **1st Place SAGES Resident and Fellows Research Session (\$500 USD)**
Awarded to the best podium presentation at the Resident and Fellows session from SAGES 2023 meeting at Montreal, QC.
- Jan 2023 **Margaret and Charles Juravinski Surgical Fellowship Award (\$30,000)**
Awarded to support a McMaster University surgery resident pursuing a graduate degree interested in clinical research and academic surgery.
- Aug 2022/2023 **International Federation of Surgery of Obesity and Metabolic Disorders (IFSO) Surgeons Scholarship (\$2,500 USD)**
Awarded to residents/young surgeons with accomplishment and potential for the field of bariatric surgery.
- Oct 2021 **2021 RBC Future Launch Scholarship (\$1,500)**
Scholarship awarded to Canadian youth with a drive for lifelong learning for gaining skills in the modern workforce; used to fund research projects within EVIGS.
- Aug 2021 **101st AATS Annual Meeting 2021 Best Resident Poster Award in Thoracic Surgery (\$500 USD)**
Awarded to the best poster presentation for “Effect of Routine Jejunostomy Tube Insertion after esophagectomy” during the AATS Annual Meeting.
- April 2020 **SAGES Medical Student Summer Research Award (\$2,000 USD)**
Awarded to the most promising medical student researcher interested in a career in gastrointestinal and minimally invasive surgery. The award was used to fund the project, “The variations in the management of Gastric Cancer in Ontario,” supervised by Dr. Dennis Hong.
- Sept 2018 **International Congress of Obesity and Metabolic Syndromes (ICOMES) Research Travel Award (\$1,100 USD)**
Research award provided by the ICOMES scientific committee to an international attendee who has presented a high-quality oral presentation at ICOMES 2018 in Seoul, South Korea.
- Aug 2018 **The Korean Honor Scholarship – Ministry of Foreign Affairs, Republic of Korea (\$2,500)**
Scholarship awarded by the South Korean Ministry of Foreign Affairs to an outstanding Korean Canadian student leader to help them achieve their highest academic potential and develop leadership skills for their future career.
- Jun 2018 **Korean Canadian Science Scholarship Foundation (KCSSF) – SK Group Life Sciences Scholarship (\$3,000)**
Scholarship awarded by the KCSSF to a Korean Canadian student who has demonstrated outstanding research and academic performance in the field of life sciences.
- May 2018 **National Student Research Award - Canadian Society for Vascular Surgery (CSVs) (\$2,000)**
Research award provided by the CSVs to a Canadian medical student engaging in any research related to vascular surgery.
- May 2018 **Benoit Cartier Travel Scholarship (\$750)**
Travel scholarship awarded by CSVs to a medical student presenting a research project at the 2018 CSVs Annual Meeting.
- Apr 2018 **First Place Poster Presentation Award - McMaster Medical Student Research Day (\$500)**
Awarded Top Poster Presentation at the 2018 McMaster Medical Student Research Day. Presented the project "Empiric Antibiotic Therapy for Hospital Acquired Pneumonia: A Network Meta-Analysis," supervised by Dr. Gordon Guyatt.

Mar 2018	McMaster Medical Student Research Excellence Scholarship 2018 (\$2,000) Research scholarship awarded by McMaster University's MD program to medical students pursuing research that could enhance the profile and scientific output of the medical school.
Feb 2018	Korean Canadian Scholarship Foundation (KCSF) - Medical Student Award (\$2,500) Scholarship awarded by KCSF to a Korean Canadian medical student who demonstrated exceptional leadership, community involvement, and academic/professional performance.
Apr 2017 – Aug 2018	Queen Elizabeth II Diamond Jubilee Scholarship (\$6,000) Commonwealth Internship Scholarship program funded by the Queen Elizabeth II Diamond Jubilee Scholarship Foundation (created by the Honourable Jean Chrétien and the Right Honourable David Johnston). This scholarship was used to fund an internship at the NHS England's National Primary Care Department in London, United Kingdom.
Apr 2016 – Apr 2018	Wilson Leadership Scholar Award (\$50,000) \$50,000 scholarship and admission to an elite leadership development program at McMaster University. The Wilson Scholar program, which was first started in 2016 by Lynton Wilson, recognizes promising undergraduate students in Canada. This program is among the highest value undergraduate scholarships in Canada.
Apr 2016	Institute of Infectious Diseases Research (IIDR) Student Fellowship Award (\$1,000) Scholarship funded by the Institute for Infectious Disease Research (IIDR) to an outstanding research student working in an IIDR faculty member's lab (Dr. Charu Kaushic).
Apr 2016	Bachelor of Health Sciences Summer Research Scholarship (\$4,000) Research scholarship funded by McMaster University's Bachelor of Health Sciences (BHSc) program to students who pursue summer research.
Mar 2016	NSERC Science, Action! Video Contest Finalist Award (\$3,000) Finalist award funded by the NSERC's Science, Action! Video Contest. The video featured Dr. Dawn Bowdish's NSERC-funded research on macrophage evolution (https://www.youtube.com/watch?v=YafNXZWlipw).
Mar 2016	Best Overall Poster Award at the 29th Annual Ontario Biology Day (\$250) Awarded Best Overall Poster Presentation award (\$250) amongst ~85 poster presentations by Canadian undergraduate students at the 29th Ontario Biology Day.
Sept 2014	McMaster University President's Award (\$2,500) Awarded by McMaster University to students with a final admission average of 95% or higher.
Jul 2014	Mackenzie Health Hospital Student Achievement Scholarship (\$500) Awarded by the Mackenzie Health Hospital to students who demonstrated an outstanding volunteer track record in the community and the hospital.

RESEARCH GRANTS

Total Funding: \$ 177,746.27 CAD (131,668.75 USD)

Feb 2023	Ontario Association of General Surgeons (OAGS) Resident Research Grant (\$5,000) Investigator: Y Lee, J Khamar, C Eskicioglu. Faculty Supervisor: I Yang "Surgical Education Checklist: A Novel Tool to Improve Resident Experience and Competency by Design."
Dec 2022	Postgraduate Medical Education (PGME) Resident Education Research Grant (\$3,500) Investigator: Y Lee, J Khamar, C Eskicioglu. Faculty Supervisor: I Yang "Surgical Education Checklist: A Novel Tool to Improve Resident Experience and Competency by Design."

Sept 2022	First Cut Surgical Innovation Competition (\$3,000) Investigator: Y Lee , J Khamar, C Eskicioglu. Faculty Supervisor: I Yang “Surgical Education Checklist: A Novel Tool to Improve Resident Experience and Competency by Design.”
July 2022	American College of Surgeons Resident Research Scholarship (\$60,000 USD) Investigators: Y Lee , AG Doumouras, A Molnar, M Walsh. Faculty Supervisor: D Hong “Effect of BARIatric surgery on Chronic renal Disease: A Pilot Randomized Controlled Trial (BARICADE Trial) and Population-based Study.”
Apr 2021	MSA Clinical Research Grant (\$30,000) Investigators: Y Lee , AG Doumouras, A Molnar, M Walsh. Faculty Supervisor: D Hong “Effect of BARIatric surgery on Chronic renal Disease: A Pilot Randomized Controlled Trial (BARICADE Trial).”
Apr 2021	MSA Education Grant (\$30,000) Investigators: Y Lee , T McKechnie, K Bilimoria, C Eskicioglu, S Voineskos, D Hong, M Bhandari Faculty Supervisor: J Agzarian. “Evidence-Based Medicine (EBM) Hackathon: Adapting the hackathon model to promote research education and accelerate generation of surgical clinical epidemiology research.”
June 2020	SAGES COVID-19 Research Grant (\$15,000 USD) Investigators: Y Lee , AG Doumouras, F Saleh. Faculty Supervisor: D Hong “Impact of COVID-19 Lockdown on Urgent and Cancer Surgery Outcomes: A Population-Based Cohort Study.”
Oct 2019	2019 Mach-Gaensslen Medical Student Research Grant (\$5,000) Investigators: Y Lee , AG Doumouras. Faculty Supervisor: D Hong "The variations in the management of Gastric Cancer in Ontario."

HONORS AND DISTINCTIONS

May 2026	ASMBS Committee of the Year Awarded best committee of the year by American Society of Metabolic and Bariatric Surgery (ET&P committee chairs, Jerry Dang, Thomas Shin, Yung Lee)
June 2025	Hamilton Academy of Medicine Resident Award Award of distinction provided by the Hamilton Academy of Medicine to a resident in Hamilton, Ontario who has contributed to their profession.
June 2022	McMaster University Resident Mentor Award Awarded by the postgraduate medical education to a resident who demonstrated outstanding advocacy for medical students and resident colleagues through exemplary mentorship in clinical setting and research.
Jan 2021	Society of Thoracic Surgeons (STS) Looking to the Future Scholarship Award Award of distinction by STS for US or Canadian Residents interested in Thoracic Surgery.
Jun 2019	Hamilton Academy of Medicine Medical Student Award Award of distinction provided by the Hamilton Academy of Medicine to a medical student in Hamilton, Ontario who has contributed to the medical profession.
Sept 2017	Provost Honour Roll Medal Award of distinction for students with a 4.0 (12.0 McMaster Scale) GPA sessional average.

- Feb 2016 **1st Place in Anatomy & Physiology at CULSC, University of Toronto**
 Awarded first place honors in anatomy and physiology at the Canadian University Life Sciences Challenge (CULSC), a competition between undergraduate teams across Canada.
- Sep 2014 - 2017 **McMaster Dean's Honours List (*Summa Cum Laude*)**
 Maintained Dean's Honour List (minimum 9.5 GPA) throughout all three years of undergraduate degree.

ICES PUBLICATIONS

1. **Y Lee**, F Nguyen, A Molnar, AG Doumouras, S Anvari, M Walsh, D Hong. Impact of Bariatric Surgery on Patients with Chronic Kidney Disease and Severe Obesity: A Multiple Linked Population Based Cohort Study. **British Journal of Surgery** (2025). 112(8).
2. AG Doumouras, **Y Lee**, JM Paterson, HC Gerstein, BR Shah, B Sivapathasundaram, JE Tarride, M Anvari, D Hong. Association between Bariatric Surgery and Major Adverse Diabetes Outcomes in Patients with Diabetes and Obesity. **JAMA Network Open** (2021): 4(4): e216820.
3. AG Doumouras, D Hong, **Y Lee**, M Paterson, JE Tarride, M Anvari. Association Between Bariatric Surgery and All-Cause Mortality: A Population-Based Matched Cohort Study in a Universal Health Care System. **Annals of Internal Medicine** (2020). 173(9): 694-703.
4. AG Doumouras, JA Wong, M Paterson, **Y Lee**, B Sivapathasundaram, JE Tarride, S Yusuf, D Hong, M Anvari. Bariatric Surgery and Cardiovascular Outcomes in Patients with Obesity and Cardiovascular Diseases: A Population-Based Retrospective Cohort Study. **Circulation** (2021). 143(15): 1468-80.
5. AG Doumouras, **Y Lee**, G Babe, S Gmora, JE Tarride, D Hong, M Anvari. The hidden cost of an extensive preoperative workup: Predictors of attrition after referral for bariatric surgery in a universal healthcare system. **Surgical Endoscopy** (2020).

PUBLICATIONS

PEER REVIEWED JOURNAL ARTICLES – *over 170 full papers (over 200 papers, textbooks, and abstracts)*

Total Citations: 5084; h-index:37 (as of Mar 15, 2026)

Google Scholar Profile: <https://scholar.google.ca/citations?hl=en&user=WSHdEu4AAAAJ>

My goal of working as an academic surgeon has driven my extensive involvement in health services research and clinical epidemiology, specifically within the realm of minimally invasive general and bariatric surgery. Our research team's work has been featured by a range of media outlets, including *Reuters*. Our research has also been cited in textbook chapters and integrated into trusted medical education resources such as UpToDate. We have published our studies in prestigious journals such as *BJs*, *Annals of Surgery*, *Circulation*, *Annals of Internal Medicine*, and *JAMA Open*. These contributions reflect our commitment to advancing the field of minimally invasive surgery and improving patient outcomes.

HIGHLIGHT PUBLICATIONS:

6. **Y Lee**, F Nguyen, A Molnar, AG Doumouras, S Anvari, M Walsh, D Hong. Impact of Bariatric Surgery on Patients with Chronic Kidney Disease and Severe Obesity: A Multiple Linked Population Based Cohort Study. **BJs** (2025). 112(8).
7. **Y Lee**, AG Doumouras, J Yu, I Aditya, S Gmora, M Anvari, D Hong. Laparoscopic Sleeve Gastrectomy versus Laparoscopic Roux-en-Y Gastric Bypass: A Systematic Review and Meta-Analysis of Weight Loss, Comorbidities, and Biochemical Outcomes from Randomized Controlled Trials. **Annals of Surgery** (2021). 273(1): 66-74. **(Over 120 citations)**
8. AG Doumouras, D Hong, **Y Lee**, M Paterson, JE Tarride, M Anvari. Association Between Bariatric Surgery and All-Cause Mortality: A Population-Based Matched Cohort Study in a Universal Health Care System. **Annals of Internal Medicine** (2020). 173(9): 694-703. **(Over 60 citations)**
9. AG Doumouras, **Y Lee**, JM Paterson, HC Gerstein, BR Shah, B Sivapathasundaram, JE Tarride, M Anvari, D Hong. Association between Bariatric Surgery and Major Adverse Diabetes Outcomes in Patients with Diabetes and Obesity. **JAMA Network Open** (2021): 4(4): e216820. **(Over 40 citations)**

10. **Y Lee**, Y Samarasinghe, MH Lee, L Thiru, Y Shargall, C Finley, W Hanna, R Juergens, O Levine, J Agzarian. Role of Adjuvant Therapy in Esophageal Cancer Patients after Neoadjuvant Therapy and Esophagectomy: A Systematic Review and Meta-Analysis. **Annals of Surgery** (2022). 275(1): 91-98. **(Over 30 citations)**
11. AG Doumouras, JA Wong, M Paterson, **Y Lee**, B Sivapathasundaram, JE Tarride, S Yusuf, D Hong, M Anvari. Bariatric Surgery and Cardiovascular Outcomes in Patients with Obesity and Cardiovascular Diseases: A Population-Based Retrospective Cohort Study. **Circulation** (2021). 143(15): 1468-80. **(Over 180 citations)**
12. **Y Lee**, AG Doumouras, J Yu, K Brar, L Banfield, S Gmora, M Anvari, D Hong. Complete Resolution of Nonalcoholic Fatty Liver Disease After Bariatric Surgery: A Systematic Review and Meta-Analysis. **Clinical Gastroenterology and Hepatology** (2019). 17(6): 1040-1060. **(Over 370 citations)**
13. **Y Lee**, JT Dang, N Switzer, J Yu, C Tian, DW Birch, S Karmali. Impact of Bariatric Surgery on Male Sex Hormones and Sperm Quality: A Systematic Review and Meta-Analysis. **Obesity Surgery** (2019). 29(1): 334-346. **(Over 90 citations)**
14. **Y Lee**, T Shin, L Tessier, A Javidan, J Jung, D Hong, AT Strong, T McKechnie, S Malone, D Jin, M Kroh, JT Dang, ASMBS Artificial Intelligence Digital Task Force. 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) **(Over 30 citations)**.
15. **Y Lee**, C Hircock, J Dang, J Jung, B Zevin, A Elnahas, J Khamar, A Vergis, U Tahir, K Hady, Y Samarasinghe, R Gill, J Gu, T McKechnie, R Pescarus, L Biertho, E Lam, A Neville, J Ellsmere, S Karmali, T Jackson, A Okrainec, AG Doumouras, M Kroh, D Hong. Assessment of guidelines for bariatric and metabolic surgery: evaluation using appraisal of guidelines for research and evaluation (AGREE II). **International Journal of Obesity** (2024).
16. B Huo, G Cacciamani, GS Collins, T McKechnie, **Y Lee**, G Guyatt. Reporting standards for the use of large language model-linked chatbots for health advice. **Nature Medicine** (2023).

MIS/FOREGUT/FLEXIBLE ENDOSCOPY PUBLICATIONS:

1. A Conner, MW Wills, S Navarrete, R Bechara, B Kidane, J Dang, S Raja, M Kroh, D Hong, **Y Lee**. Modern Treatment of Achalasia: Endoscopic and Surgical Therapies. **BJS** (2026).
2. X Zhu, V Mocanu, P Kachornvitaya, MV Wills, A Strong, S Navarrete, **Y Lee**, JS Barajas-Gamboa, R Corcelles, J Dang, M Kroh. Concurrent stricturoplasty with lumen-opposing metal stents for gastrojejunal strictures after Roux-en-Y gastric bypass. **Surgical Endoscopy** (2026).
3. M Wills, S Lee, V Mocanu, **Y Lee**...S Butsch, M Kroh, R Corcelles. International Expert Consensus on definitions and Management of Weight Recurrence and Suboptimal Response after Metabolic and Bariatric Surgery. **Surgery for Obesity and Related Diseases** (2026).
4. P Kachornvitaya, MV Wills, B Mohamed, V Mocanu, JS Barajas-Gamboa, X Zhu, **Y Lee**, R Corcelles, A Strong, S Navarrete, J Dang, M Kroh. Achalasia and Esophageal Motility Disorders in the Bariatric Surgery Population: A Retrospective Descriptive Series. **Obesity Surgery** (2026).
5. X Zhu, Q wang, V Mocanu, P Kachornvitaya, MV Wills, A Strong, S Navarrete, **Y Lee**, JS Barajas-Gamboa, R Corcelles, M Kroh, J Dang. JS Long-term safety and disease modifying potential of metabolic and bariatric surgery in patients with systematic lupus erythematosus. **Surgical Endoscopy** (2026).
6. P Kachornvitaya, MV Wills, JS Barajas-Gamboa, X Zhu, **Y Lee**, S Udomsawaengsup, S Navarrete, R Corcelles, M Kroh, J dang, V Mocanu. Evaluating trends and outcomes between robotic and laparoscopic bariatric surgery patients with BMI >60: an MBSAQIP analysis. **Surgical Endoscopy** (2026).
7. L Park, H Polley, M Poole, K Brar, T McKechnie, R Nenshi, F Borges, S Ofori, M Marcucci, D Conen, Y Lee, M Anvari, C Eskicioglu, D Hong, PJ Devereaux. Efficacy and Safety of Tranexamic Acid Use in Bariatric Surgery. **Obesity Surgery** (2026).

8. P Kachornvitaya, X Zhu, SJ Bardaro, V Mocanu, MW Wills, JS Barajas-Gamboa, **Y Lee**, R Corcelles, A Strong, S Navarrete, M Kroh, J Dang. Impact of vitamin D deficiency on bone health after Roux-en-Y gastric bypass and sleeve gastrectomy: a large propensity matched cohort study. **Surgery for Obesity and Related Diseases** (2026).
9. **Y Lee**, L Tessier, K Brar, S Malone, D Jin, T McKechnie, JJ Jung, M Kroh, JT Dang, ASMBS Artificial Intelligence Digital Task Force. 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** (2025).
10. JS Barajas- Gamboa, V Duran, G Romero-Velez, V Mocanu, **Y Lee**, R Corcelles, M Allemang, AT Strong, S Navarrete, J Rodriguez, M Kroh, J Dang. Prevalence, indications, and complications of conversional surgery after vertical banded gastroplasty. An Analysis of the MBSAQIP Database. **Obesity Surgery** (2025). 34(7). 2411-19.
11. JT Dang, AM Hider, JS Baras-Gamboa, V Mocanu, T Shin, G Romero-Velez, **Y Lee**, S Navarrete, J Rodriguez, M Kroh. Safety of Limb Lengthening after Roux-en-Y Gastric Bypass: An Analysis of the MBSAQIP Database. **Surgery for Obesity and Related Disease** (2024).
12. **Y Lee**, T Kazi, JT Dang, M Kroh, AG Doumouras, D Hong. Financial toxicity risk among patients with gastric banding complications in the United States: Analysis of the National Inpatient Sample. **Surgery for Obesity and Related Diseases** (2023).
13. **Y Lee**, U Tahir, L Tessier, K Yang, T Hassan, JT Dang, M Kroh, D Hong. Long-term Outcomes Following Dor, Toupet, Nissen Fundoplication: A Network Meta-Analysis of Randomized Controlled Trials. **Surgical Endoscopy** (2023).
14. **Y Lee**, B Huo, T McKechnie, J Agzarian, D Hong. Impact of frailty on hiatal hernia repair: a nationwide analysis of in-hospital clinical and healthcare utilization outcomes. **Diseases of Esophagus** (2023).
15. K Logie, T McKechnie, G Talwar, **Y Lee**, S Parpia, N Amin, AG Doumouras, D Hong, C Eskicioglu. The impact of operative approach for obese colorectal cancer patients: an analysis of the National Inpatient Sample 2015-2019. **Colorectal Disease** (2023).
16. T McKechnie, **Y Lee**, D Hong, J Dionne, AG Doumouras, S Parpia, M Bhandari, C Eskicioglu. A history of bariatric surgery before surgery for colorectal cancer may improve short-term postoperative outcomes: Analysis of the national inpatient sample. **Surgery** (2023).
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 - ii. **Y Lee**, D Hong. CME Exam 1: Complete Resolution of Nonalcoholic Fatty Liver Disease After Bariatric Surgery: A Systematic Review and Meta-Analysis. **Clinical Gastroenterology and Hepatology** (2019).
 - iii. AG Doumouras, **Y Lee**, D Hong. Do We Need a Randomized Controlled Trial on This Issue? Complete resolution of Nonalcoholic Fatty Liver Disease After Bariatric Surgery – Reply. **Clinical Gastroenterology and Hepatology** (2019).
53. **Y Lee**, J Yu, KAO Tikkinen, M Pedziwiatr, P Major, I Aditya, AG Doumouras, Y Krakowsky, S Gmora, M Anvari, D Hong. The Impact of Bariatric Surgery on Urinary Incontinence: A Systematic Review and Meta-analysis. **British Journal of Urology International** (2019).
54. M Levin, **Y Lee** (co-first author). A novel wireless in-ear device: An innovative concept to improve operating room communication. **Surgical Innovation** (2018).
55. RP Coughlin, **Y Lee**, NS Horner, N Simunovic, ER Cadet, OR Ayeni. Increased pitch velocity and workload are common risk factors for ulnar collateral ligament injury in baseball players: a systematic review. **Journal of ISAKOS** (2018).

OTHER (NON-SURGICAL) PUBLICATIONS:

1. RMW Vernooij, D Zeraatkar, MA Han, R El Dib, M Zworth, H Gomma, D Sit, **Y Lee**, C Valli, M Swierz, Y Chang, S Hanna, P Brauer, JL Sievenpiper, R De Souza, P Alonso-Coello, M Bala, G Guyatt, B Johnson. Patterns of red and processed meat consumption and the risk of cardiometabolic and cancer outcomes: a systematic review and meta-analysis of cohort studies. **Annals of Internal Medicine** (2019).
2. D Zeraatkar, MA Han, G Guyatt, R Vernooij, R El Dib, K Cheung, K Milio, M Zworth, C Valli, M Rabassa, **Y Lee**, J Zajac, A Prokop-Dorner, C Ka-Fung Lo, M Bala, P Alonso-Coello, S Hanna, B Johnston. Red and processed meat consumption and risk for all-cause mortality and cardiometabolic outcomes: A systematic review and meta-analysis of cohort studies. **Annals of Internal Medicine** (2019).
3. B Johnston, D Zeraatkar, J Bartoszko, K Cheung, M Bala, C Valli, M Rabassa, D Sit, K Milio, B Sadeghirad, A Agarwal, MD, AMZ Perdomo, **Y Lee**, MA Han, R Vernooij, P Alonso-Coello, GH Guyatt, R El Dib. Effect of lower versus higher red meat intake on cardiometabolic and cancer outcomes: a systematic review of randomized trials. **Annals of Internal Medicine** (2019).
4. C Tian, O Lovrics, KJ Chin, G Tomlinson, **Y Lee**, M Englesakis, M Parotto, M Singh. Risk factors and protective measures for healthcare worker infection during highly infectious viral respiratory epidemics. A systematic review and meta-analysis. **Infection Control and Hospital Epidemiology** (2022).
5. C Tian, RS Malhan, SX Deng, **Y Lee**, J Peachey, M Singh, D Hong. Benefits of dexmedetomidine on postoperative analgesia after bariatric surgery: a systematic review and meta-analysis. **Minerva Anesthesiologica** (2021).
6. MM Ahmed, C Tian, J Lu, **Y Lee**. Total Intravenous Anesthesia Versus Inhalation Anesthesia on Postoperative Analgesia and Nausea and Vomiting After Bariatric Surgery. **Asian Journal of Anesthesiology** (2021).
7. S Minaker, RH Mason, M Bamakrid, **Y Lee**, RH Muni. Changes in Aqueous and Vitreous Inflammatory Cytokine Levels in Retinal Vein Occlusion: A Systematic Review and Meta-analysis. **Journal of VitreoRetinal Diseases** (2019).
8. S Schandelmaier, Y Chang, N Devasenapathy, T Devji, J Kwong, LC Loßzano, **Y Lee**, A Agarwal, N Bhatnagar, H Ewald, Y Zhang, X Sun, L Thabane, M Walsh, M Briel, GH Guyatt. A systematic survey of suggested criteria for assessing the credibility of effect modification in randomized controlled trials or meta-analyses. **Journal of Clinical Epidemiology** (2019).
9. F Foroutan, E Friesen, KE Clarke, S Motaghipisheh, R Zyla, **Y Lee**, R Kamran, E Ali, M De Snoo, A Orchanian-Cheff, C Ribic, D Treleaven, G Guyatt, M Meade. Risk Factors for 1-Year Graft Loss Post-Kidney Transplantation. **CJASN** (2019).

10. SA Minaker, RH Mason, M Bamakrid, **Y Lee**, RH Muni. Changes in aqueous and vitreous inflammatory cytokine levels in retinal vein occlusion. **Journal of VitreoRetinal Diseases** (2019).
11. B Kovic, X Jin, SA Kennedy, M Hylands, M Pędziwiatr, A Kuriyama, H Gomaa, **Y Lee**, M Katsura, M Tada, BY Hong, SM Cho, PJ Hong, A Yu, Y Sivji, A Toma, L Xie, L Tsoi, M Waligora, M Prasad, N Bhatnagar, L Thabane, M Brundage, GH Guyatt, F Xie. Evaluating Progression-Free Survival as a Surrogate Outcome for Health-Related Quality of Life in Oncology: A Systematic Review and Quantitative Analysis. **JAMA Internal Medicine** (2018).
12. ED Sims, S Anvari, **Y Lee**, Z Samman, L Banfield, L Thabane, MC Samaan. The Effect of Cannabis Exposure on Pubertal Outcomes: A Systematic Review. **Adolescent Health, Medicine and Therapeutics** (2018).
13. RAC Siemieniuk, F Foroutan, R Mirza, JM Ming, P Alexander, A Agarwal, O Lesi, A Merglen, Y Chang, Z Yuan, H Mir, E Hepsworth, **Y Lee**, D Zeraatkar, GH Guyatt. Antiretroviral therapy for pregnant women living with HIV or hepatitis B: a systematic review and meta-analysis. **BMJ Open** (2017).
 - i. RAC Siemieniuk, GP Taylor, GH Guyatt, L Lytvyn, Y Chang, PE Alexander, **Y Lee**, T Agoritsas, A Merglen, H Kirpalani, S Bewley. “Authors respond to Comment from PROMISE team” Re: Antiretroviral therapy in pregnant women living with HIV: a clinical practice guideline. **BMJ** (2017).
14. **Y Lee**, SE Dizzell, V Leung, A Nazli, MA Zahoor, RN Fichorova, C Kaushic. Effects of Female Sex Hormones on Susceptibility to HSV-2 in Vaginal Cells Grown in Air-Liquid Interface. **Viruses** (2016).

TEXTBOOK CHAPTERS:

1. **Y Lee**, JT Dang, M Kroh. **Chapter 60 – Biliary Tract and Pancreatic Disease. The ASMBS Textbook of Metabolic and Bariatric Surgery, 3rd Edition.** Brethauer (Ed.) ISBN. Springer (2025).
2. **Y Lee**, JT Dang. **Chapter 30: Sleeve Stenosis, Torsion and Delayed Emptying. The SAGES Manual, A Practical Guide to Bariatric Surgery, 3rd Edition.** Ghanem (Ed.), ISBN. Springer (2025).
3. **Y Lee**, J Khamar. Artificial Intelligence and Sleeve Gastrectomy. **The Perfect Sleeve Gastrectomy: A Clinical Guide to Evaluation, Treatment, and Techniques.** Gagner (Ed.) Springer (2025)
4. **Y Lee**, L Tessier. **Chapter 40: Gastritis with Ulcer – The SAGES Manual of Surgical Referral for Primary and Emergency Care. 1st Edition.** Kohn (Ed.) ISBN. Springer (2025).
5. T McKechnie, **Y Lee**, AG Doumouras, D Hong. **Chapter 6: Evaluating Surgical Interventions. Evidence-Based Surgery: A Guide to Understanding and Interpreting the Surgical Literature, 2nd Edition.** Thoma (Ed.), Springer (2025).
6. **Y Lee**, AG Doumouras. **Chapter: Effect of Metabolic Surgery on Longevity and All-Cause Mortality. Textbook of Cardiometabolic Surgery, 1st Edition.** Schauer, Rubino, Eckle, Dan (Ed.), ISBN. Elsevier (2024). [Pending publication].
7. PRA Malik, AG Doumouras, RS Malhan, **Y Lee**, V Boudreau, K Barlow, M Karpinski, M Anvari. **Chapter: Obesity, Cancer, and Risk Reduction with Bariatric Surgery. Emerging Bariatric Surgical Procedures.** Kothari (Ed.), ISBN. Surgical Clinics. Elsevier (2021).

POSITION STATEMENTS:

Authored evidence-based position statements and recommendations on behalf of the Ontario Bariatric Network (OBN) Surgical Task Force to lobby for change in current indications for bariatric surgery in Ontario, Canada.

1. **Y Lee**, MS Soon, AG Doumouras, D Hong. Position Statement on Bariatric Surgery in Class I Obesity (BMI 30-34.9kg/m²). **Ontario Bariatric Network Surgical Task Force.** September 2019.

2. **Y Lee**, R Malhan, AG Doumouras, D Hong. Position Statement on Mini Gastric Bypass (One Anastomosis Gastric Bypass). **Ontario Bariatric Network Surgical Task Force**. September 2019.

PUBLISHED CONFERENCE ABSTRACTS:

1. N Khan, S Anvari, A Albassam, D Borovsky, G Mander, **Y Lee**, C Galts. Artificial Intelligence in IBD: Comparing the Utility of Four Leading Large Language Models. **American College of Gastroenterology** (2025).
2. T McKechnie, **Y Lee**, L Tessier, AG Doumouras, D Hong, C Eskicioglu. Total abdominal colectomy versus diverting loop ileostomy and antegrade colonic lavage for fulminant clostridioides colitis. **Gastroenterology** (2023).
3. **Y Lee**, S Anvari, A Padoan, T McKechnie, C Eskicioglu, AG Doumouras, D Hong. Financial toxicity among patients undergoing surgery for inflammatory bowel disease in the United States. **Gastroenterology** (2023).
4. S Ichhpuniani, T McKechnie, J Lee, J Biro, **Y Lee**, LJ Park, AG Doumouras, C Eskicioglu. Lymph node ratio as a predictor for survival for colon cancer. **Gastroenterology** (2022),
5. T McKechnie, CA Povolo, J Lee, **Y Lee**, AG Doumouras, C Eskicioglu. Very low energy diets prior to non-bariatric surgery: A systematic review and meta-analysis. **Gastroenterology** (2022):
6. J Khamar, J Lu, T McKechnie, **Y Lee**, L Park, AG Doumouras, D Hong, C Eskicioglu. Impact of preoperative carbohydrate loading within enhanced recovery after surgery protocols for colorectal surgery. **Diseases of the Colon and Rectum** (2022).
7. J Khamar, A Sachdeva, T Anpalagan, **Y Lee**, T McKechnie, C Eskicioglu, AG Doumouras, D Hong. Gastrojejunostomy vs. endoscopic stenting for treatment of gastric outlet obstruction: a systematic review and meta-analysis. **Surgical Endoscopy** (2022).
8. T McKechnie, T Anpalagan, M Chu, **Y Lee**, N Amin, D Hong, C Eskicioglu. Laparoscopic versus open loop ileostomy reversal: a systematic review and meta-analysis. **Canadian Journal of Surgery** (2021).
9. Z Cloutier, T McKechnie, **Y Lee**, V Archer, A Doumouras. What is the optimal common channel length in revisional bariatric surgery? **Canadian Journal of Surgery** (2021).
10. **Y Lee**, Y Samarasinghe, MH Lee, L Thiru, Y Shargall, C Finley, W Hanna, R Juergens, O Levine, J Agzarian. Role of Adjuvant Therapy after neoadjuvant therapy and curative esophagectomy: A Systematic Review and Meta-Analysis. **Journal of Clinical Oncology** (2021).
11. S Sharma, B Hyung, **Y Lee**, C Tian, P Seth, AG Doumouras. Safety and efficacy of regional anesthesia alone for patients undergoing breast surgery: a qualitative review. **Regional Anesthesia & Pain Medicine** (2021).
12. P Serrano, T McKechnie, S Lee, **Y Lee**, K Tywonek, AG Doumouras, L Ruo. Parenteral versus enteral nutrition for pancreatic fistula: a systematic review and meta-analysis. **HPB** (2021).
13. **Y Lee**, L Raveendran, O Lovrics, AG Doumouras, M Koyle, M Farcas, The Role of Bariatric Surgery on Kidney Transplantation: A Systematic Review and Meta-Analysis. **The Journal of Urology** (2020).
14. S Anvari, **Y Lee**, M Lam, J Wong, D Hong, A Doumouras. Effect of Bariatric Surgery on Natriuretic Peptide Levels: A Systematic Review and Meta-Analysis. **Canadian Journal of Cardiology** (2020).
15. T McKechnie, **Y Lee**, C Kruse, K Ramji, AG Doumouras, D Hong, C Eskicioglu. Fecal Calprotectin for detecting pouchitis following ileal pouch anal anastomosis in ulcerative colitis patients: A Systematic Review and Meta-Analysis. **Gastroenterology** (2020).
16. **Y Lee**, AG Doumouras, J Yu, I Aditya, S Gmora, M Anvari, D Hong. Laparoscopic Sleeve Gastrectomy versus Laparoscopic Roux-en-Y Gastric Bypass: A Systematic Review and Meta-Analysis of Weight Loss, Comorbidities, and Biochemical Outcomes from Randomized Controlled Trials. **Surgery for Obesity and Related Diseases** (2019).
17. AG Doumouras, **Y Lee**, M Anvari, D Hong. Mortality in patients with type 2 diabetes after bariatric surgery: a population-based matched cohort study. **Surgery for Obesity and Related Diseases** (2019).

18. AG Doumouras, **Y Lee**, S Anvari, J Wong, S Gmora, M Anvari, D Hong. The Role of Bariatric Surgery in Patients with Obesity and Advanced Heart Failure as a Bridge to Heart Transplantation: A Systematic Review and Meta-Analysis. **Surgery for Obesity and Related Diseases** (2019).
19. **Y Lee**, S Anvari, AG Doumouras, J Wong, S Gmora, M Anvari, D Hong. Bariatric Surgery in Morbidly Obese Patients with End Stage Heart Failure as a Bridge To Heart Transplantation: A Systematic Review and Meta-Analysis. **Canadian Journal of Cardiology** (2019).
20. **Y Lee**, J Yu, KAO Tikkinen, M Pedziwiatr, P Major, I Aditya, AG Doumouras, Y Krakowsky, S Gmora, M Anvari, D Hong. Effect of Bariatric Surgery on Urinary Incontinence: A Systematic Review and Meta-Analysis. **Journal of Urology** (2019).
21. RAC Siemieniuk, **Y Lee**, I Bogoch, R Brignardello-Petersen, Y Fei, P Alexander, T Aves, D Zeraatkar, B Sadeghirad, X Li, N Evaniew, N Bhatnagar, B Rochwerf, G Guyatt, M Loeb. Antibiotic Therapy for Community-Acquired Pneumonia: A Systematic Review and Network Meta-Analysis of Randomized Trials. **Open Forum Infectious Diseases** (2018).
22. **Y Lee**, SA Philips, MC Stacey. The Use of Growth Factors for the Treatment of Chronic Venous Leg Ulcers: A Systematic Review and Meta-Analysis. **Journal of Vascular Surgery** (2018).

CONFERENCE PANEL/MODERATOR EXPERIENCE

1. **SAGES 2026** Tampa, FL. Digital Surgery: Data Science in the Real World (**Moderator:** Carla Pugh, Amin Madani)
2. **ASMBS 2026** San Antonio, TX. Tomorrow's Tools in Use Today: AI, Robotics, Quantum and the Digital OR (Moderator: Simon LaPlante; Co-Director: Yung Lee, Rana Higgins, Elan Witkowski)
3. **IFSO 2026** Toronto, ON. Pre congress Course. Revisional Metabolic Bariatric Surgery: Challenges, Solutions, Successes
4. **IFSO 2026** Toronto, ON. How will AI shape Metabolic and Bariatric Surgery in the near future
5. **IFSO 2026** Toronto ON. Performance of artificial intelligence in Metabolic Bariatric Surgery

PRESENTATIONS

ORAL PRESENTATIONS: National and International meetings (*presenter). Past **3 years** only.

1. Bariatric surgery reduces major adverse kidney events in patients with chronic kidney disease: a multiple linked database analysis.
Y Lee*, F Nguyen, A Molnar, AG Doumouras, D Hong.
SAGES 2025, Long Beach CA USA. March 2025. **Plenary (top presentation) session**
2. Single-Stage Conversion of Roux-en-Y Gastric Bypass to Duodenal Switch: A Single Institution Experience.
Y Lee*, D Hong
KSERS 2025, Seoul South Korea.
3. Twists and Turns: Navigating RYGB after fundoplication, recurrent PEH, and unexpected Intestinal Malrotation
Y Lee*, D Hong
KSERS 2025, Seoul South Korea.
4. Bariatric surgery reduces major adverse kidney events in patients with chronic kidney disease: a multiple linked database analysis in a universal healthcare system
Y Lee*, F Nguyen, A Molnar, AG Doumouras, D Hong.
27th IFSO World Congress, Naples Italy, August 2023. **Awarded the IFSO Young Investigator Award 2023**
5. Fragility of Statistically Significant Outcomes in Bariatric Surgery Randomized Trials
Y Lee*, Y Samarasinghe, L Chen, A Hapugall, AP Javidan, T McKechnie, AG Doumouras, D Hong.
26th IFSO World Congress, Naples Italy, August 2023.

6. Notable Surgical Abstracts in Digestive Diseases Week 2023.
Y Lee.*
OAG 22nd Annual Review of DDW and Other Key GI & Liver Meetings. June 2023.
7. Long-term Outcomes Following Dor, Toupet, and Nissen Fundoplication: A Network Meta-Analysis of Randomized Controlled Trials
Y Lee*, U Tahir, L Tessier, K Yang, JT Dang, M Kroh, AG Doumouras, D Hong.
DDW 2023 Annual Meeting, Chicago IL, May 2023.
8. Disparities in Access to Minimally Invasive Surgery for Inflammatory Bowel Disease and Outcomes by Insurance Status: Analysis of the 2015 to 2019 National Inpatient Sample
Y Lee*, L Andrew, S Hill, KR An, L Chatroux, S Anvari, AH Kuhnen.
SAGES 2023 Annual Meeting, Montreal QC, March 2023.
Awarded Best Presentation at the Fellows/Resident Research Session
9. Long-term Outcomes in Different Laparoscopic Fundoplication Types for Gastroesophageal Reflux Disease: Network Meta-Analysis of Randomized Controlled Trials
Y Lee*, U Tahir, L Tessier, K Yang, JT Dang, M Kroh, AG Doumouras, D Hong.
SAGES 2023 Annual Meeting, Montreal QC, March 2023.
10. The effect of chronic kidney disease or end-stage renal disease on perioperative outcomes and healthcare utilization in patients undergoing bariatric surgery
Y Lee*, L Tessier, A Jong, A Padoan, Y Samarasinghe, T McKechnie, AG Doumouras, D Hong.
SAGES 2023 Annual Meeting, Montreal QC, March 2023.
11. Fragility of Statistically Significant Outcomes in Bariatric Surgery Randomized Trials
Y Lee*, Y Samarasinghe, L Chen, A Hapugall, AP Javidan, T McKechnie, AG Doumouras, D Hong.
26th IFSO World Congress, Miami FL, August 2022.
12. Association between bariatric surgery and all-cause mortality in patients with diabetes: a population-based matched cohort study
Y Lee*, M Paterson, HC Gerstein, B Shah, B Sivapathasundaram, JE Tarride, M Anvari, D Hong, **AG Doumouras.**
26th IFSO World Congress, Miami FL, August 2022.
13. Notable Surgical Abstracts in Digestive Diseases Week 2022.
Y Lee.*
OAG 21st Annual Review of DDW and Other Key GI & Liver Meetings. June 2022.
14. Bariatric surgery as secondary prevention for cardiovascular disease: a population-based matched cohort study in a universal healthcare system
 AG Doumouras*, **Y Lee**, M Paterson, JE Tarride, M Anvari, S Yusuf, D Hong.
26th IFSO World Congress, Miami FL, October 2021. (Delayed due to COVID-19).
15. Impact of bariatric surgery on chronic kidney disease and kidney transplant outcomes in patients with severe obesity: a systematic review and meta-analysis
Y Lee*, S Anvari, MM Chu, O Lovrics, A Khondker, R Malhan, I Aditya, M Walsh, D Hong.
26th IFSO World Congress, Miami FL, October 2021. (Delayed due to COVID-19).
16. The association between bariatric surgery and breast cancer outcomes: A matched cohort study
 O Lovrics*, J Butt, **Y Lee**, P Lovrics, V Boudreau, M Anvari, D Hong, AG Doumouras.
26th IFSO World Congress, Miami FL, October 2021. (Delayed due to COVID-19).
17. Bariatric surgery and cardiovascular outcomes in patients with obesity and cardiovascular disease: A population-based cohort study
Y Lee*, AG Doumouras, M Paterson, JE Tarride, M Anvari, S Yusuf, D Hong.
SAGES 2021 Annual Meeting, Las Vegas NV (Virtual), September 2021.

18. Improvement of kidney function in patients with chronic kidney disease and severe obesity after bariatric surgery: a systematic review and meta-analysis
Y Lee*, S Anvari, MM Chu, O Lovrics, A Khondker, R Malhan, I Aditya, M Walsh, D Hong.
Canadian Surgical Forum 2021, Virtual Platform, September 2021.
19. Role of Adjuvant Therapy in Esophageal Cancer Patients after Neoadjuvant Therapy and Esophagectomy: A Systematic Review and Meta-Analysis
Y Lee, Y Samarasinghe, MH Lee, L Thiru, Y Shargall, C Finley, W Hanna, R Juergens, O Levine, J Agzarian.
Canadian Surgical Forum 2021, Virtual Platform, September 2021.
20. Effect of Routine Jejunostomy Tube Insertion after esophagectomy
Y Lee*, J Lu, Y Samarasinghe, C Finley, W Hanna, Y Shargall, J Agzarian.
101st American Association for Thoracic Surgery (AATS) Annual Meeting, Virtual Platform, May 2021.
Awarded Best Presentation at the Fellows/Resident Research Session
21. Mortality in patients with type 2 diabetes after bariatric surgery: a population-based matched cohort study.
Y Lee*, AG Doumouras, M Paterson, JE Tarride, M Anvari, D Hong.
36th ASMBS Annual Meeting and 2019 Obesity Week, Las Vegas NV, November 2019.
22. The Role of Bariatric Surgery in Patients with Obesity and Advanced Heart Failure as a Bridge to Heart Transplantation: A Systematic Review and Meta-Analysis
AG Doumouras*, **Y Lee**, M Paterson, JE Tarride, M Anvari, D Hong.
36th ASMBS Annual Meeting and 2019 Obesity Week, Las Vegas NV, November 2019.
23. Laparoscopic Sleeve Gastrectomy versus Laparoscopic Roux-en-Y Gastric Bypass: A Meta-Analysis of Weight Loss, Comorbidities, and Biochemical Outcomes from Randomized Controlled Trials
AG Doumouras*, **Y Lee**, M Paterson, JE Tarride, M Anvari, D Hong.
36th ASMBS Annual Meeting and 2019 Obesity Week, Las Vegas NV, November 2019.
24. Bariatric Surgery in Morbidly Obese Patients with End Stage Heart Failure as a Bridge to Heart Transplantation: A Systematic Review and Meta-Analysis.
S Anvari, **Y Lee***, AG Doumouras, J Wong, S Gmora, M Anvari, D Hong.
Canadian Cardiology Congress 2019. Montreal, QC. October 2019.
25. Improvement and Resolution of Nonalcoholic Fatty Liver Disease After Bariatric Surgery.
Y Lee*, AG Doumouras, J Yu, K Brar, L Banfield, S Gmora, M Anvari, D Hong.
Canadian Association of Bariatric Physicians and Surgeons (CABPS) 2019, Toronto, ON.
26. Antibiotic Therapy for Community Acquired Pneumonia: A Systematic Review and Network Meta-analysis of Randomized Trials.
RAC Siemieniuk*, **Y Lee**, I Bogoch, R Brignardello-Petersen, Y Fei, P Alexander, T Aves, D Zeraatkar, B Sadeghirad, X Li, N Evaniew, N Bhatnagar, B Rochwerf, M Loeb, GH Guyatt.
ID Week 2018. San Francisco, CA. October 2018.

POSTER PRESENTATIONS: National and International meetings (*presenter). Past **3 years** only.

1. Impact of hospital lockdown secondary to COVID-19 and past pandemics on surgical practice: a living systematic review.
Y Lee*, A Kirubarajan, N Patro*, MS Soon, AG Doumouras, D Hong.
SAGES 2021 Annual Meeting, Las Vegas NV (Virtual), September 2021.
2. Ophthalmic outcomes associated with bariatric surgery: A systematic review and meta-analysis.
CW Yu, LJ Park, A Pinto, ON Ma*, **Y Lee**, R Gupta, V Chaudhary, AG Doumouras, D Hong.
SAGES 2021 Annual Meeting, Las Vegas NV (Virtual), September 2021.
3. Effect of Routine Jejunostomy Tube Insertion after esophagectomy.
Y Lee*, J Lu*, Y Samarasinghe, C Finley, W Hanna, Y Shargall, J Agzarian

Canadian Surgical Forum 2021, Virtual Platform, September 2021.

4. Bariatric surgery on natriuretic peptide levels: a systematic review and meta-analysis.
S Anvari*, **Y Lee**, M Lam, AG Doumouras, JA Wong, D Hong..
Canadian Society of Internal Medicine 2021, Virtual Platform, October 2021.
5. Role of bariatric surgery before, during, or after liver transplantation: A systematic review and meta-analysis.
Y Lee*, C Tian, O Lovrics, MS Soon, AG Doumouras, M Anvari, D Hong.
SAGES 2020 Annual Meeting, Cleveland OH, August 2020.
6. Improvement and resolution of urinary incontinence after bariatric surgery: a systematic review and meta-analysis.
Y Lee*, J Yu, M Pedziwiatr, P Major, I Aditya, K Tikkinen, Y Krakowsky, AG Doumouras, M Anvari, D Hong.
Canadian Surgical Forum (CSF) 2019. Montreal, QC. September 2019.
7. Bridging interventions for weight loss prior to bariatric surgery in patients with superobesity: a systematic review and meta-analysis.
R Malhan*, **Y Lee**, JT Dang, N Switzer, DW Birch, S Karmali.
Canadian Surgical Forum (CSF) 2019. Montreal, QC. September 2019.
8. Loop ileostomy and colonic lavage as an alternative to colectomy for fulminant Clostridium difficile colitis.
T McKechnie*, **Y Lee**, J Springer, AG Doumouras, D Hong, C Eskicioglu.
Canadian Surgical Forum (CSF) 2019. Montreal, QC. September 2019.
9. The use of bariatric surgery in resolution of nonalcoholic fatty liver disease: a systematic review and meta-analysis.
Y Lee*, AG Doumouras, J Yu, K Brar, L Banfield, S Gmora, M Anvari, D Hong.
SAGES 2019 Annual Meeting. Baltimore, MD, USA. April 2019.
10. Impact of bariatric surgery on male sex hormones and sperm quality: a systematic review and meta-analysis.
Y Lee*, JT Dang, N Switzer, J Yu, C Tian, DW Birch, S Karmali..
SAGES 2019 Annual Meeting. Baltimore, MD, USA. April 2019.
11. Predictors of Graft Loss Following Kidney Transplantation: Systematic Review and Meta-Analysis.
F Foroutan*, K Clark, E Friesen, **Y Lee**, A Akthar, E Arseneau, C Ribic, D Treleavan, GH Guyatt, MO Meade.
Critical Care Canada Forum 2018. Toronto, Canada. November 2018.
12. The use of growth factors for the treatment of chronic venous leg ulcers: a meta-analysis.
Y Lee*, SA Phillips, MC Stacey.
40th Annual CSVS Meeting. Montreal, QC. September 2018.

PROFESSIONAL MEMBERSHIPS

April 2025 - Present	American Foregut Society (AFS)
Jan 2022 – Present	Society of Asian Academic Surgeons (SAAS)
Oct 2021 – Present	Society of Surgery for the Alimentary Tract (SSAT)
Apr 2021 – Present	International Federation of Obesity and Metabolic Disorders (IFSO)
Jan 2021 – Present	Society of Thoracic Surgeons (STS)
Aug 2018 – Present	Society of American Gastrointestinal and Endoscopic Surgeons (SAGES)
May 2018 – Present	American College of Surgeons (ACS)
Apr 2018 – Present	Korean Canadian Medical Association (KCMA)
Apr 2018 – Present	Hamilton Academy of Medicine (HAM)
Sept 2017 – Present	Ontario Medical Association (OMA), Canadian Medical Association (CMA)

SURGICAL SOCIETY COMMITTEE EXPERIENCES

July 2024 – Present	Co-chair ASMBS Emerging Technology and Procedures Committee
July 2025 – Present	Planning Committee IFSO 2026 Toronto

May 2024 – Present	Core Member SAGES Large Language Models (LLM) Task Force
Oct 2023 – Present	Committee Member SAGES Guidelines Committee
May 2023 – 2025	Core Member ASMBS AI and Digital Surgery Task Force
May 2023 – Present	Committee Member ASMBS Communications Committee
June 2021– Present	Committee Member SSAT Research Committee

EDITORIAL/REVIEWER EXPERIENCES

July 2024 – Aug 2025	Editorial Assistant British Journal of Surgery (ISSN 1365-2168); Impact Factor 8.7 • Reviewer for BJS and BJSO • Associate Editorial Board (post-editorial assistant role)
Jan 2023 – Present	Editor Frontiers in Nutrition (ISSN 2996-861X); Impact Factor 6.59 • Invited special issue editor for Frontier’s <i>Nutrition</i> Journal, “Perioperative Nutrition and Surgical Outcomes.” • 9 articles published under the special issue since January 2023.
Oct 2022 – Present	Special Issue Editor Obesities (ISSN 2673-4168) • Invited special issue editor for MDPI’s <i>Obesities</i> Journal, “Bariatric Surgery and Other Weight Loss Procedures.”
June 2023 – Present	Journal Reviewer Obesity Surgery (ISSN 0960-8923)
May 2022– Present	Journal Reviewer Internal Journal of Surgery (ISSN 1743-9191)
June 2021– Present	Journal Reviewer Surgical Endoscopy (ISSN 1432-2218)

EXAMINATION HISTORY

Oct 17 2024	Royal college of Physicians and Surgeons of Canada Written/Oral Exam - PASS
Oct 22 2021	Royal college of Physicians and Surgeons of Canada Surgical Foundations Exam - PASS
Jul 29 2022	United States Medical Licensing Examination (USMLE) STEP 3 - PASS
Dec 2 2020	United States Medical Licensing Examination (USMLE) STEP 1 - PASS
Jun 6 2020	United States Medical Licensing Examination (USMLE) STEP 2 - PASS
Jun 10 2020	Medical Council of Canada Qualifying/Evaluating Examination (MCCQE/MCCCE) - PASS

LANGUAGES

English: native speaker
Korean: native speaker