

CAMIS Supported Ongoing Research Projects (updated: March, 2016)

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CLINICAL OUTCOMES OF MIS (21)

1. 30 Day Re-Admission Rates Following Primary Bariatric Surgery. Switzer NJ, Mataya C, Dang J, Shi X, Birch DW, Karmali S. (Proposal for Ethics)
2. Utility of Pre-op Gastroscopy in RYGB Patient. Switzer NJ, Sun W, Shi X, Karmali S. (Proposal for Ethics)
3. Referral Patterns and Barriers to Body Contouring Surgery after Bariatric Surgery. Dang J, Sheppard CE, Budden C, Birch DW, Toy J. (Submitted to TW Research day 2016)
4. Knowledge and Skills Enhancement for Peri-operative Nurses through Simulation Training. Whalen T, Shi X, Yorke S, Andony K, McKenzie ML. (Manuscript Accepted by ORNAC)
5. Predictive Factors of Diabetes Remission after Bariatric Surgery. Dang J, Sheppard CE, Birch DW. (Abstract Submitted to TW Research Day)
6. Knowledge and Skills Enhancement for Surgical Residents through Simulation Training. Dang JT, Switzer NJ, Shi X, Andony K, Birch DW. (Data)
7. Sleeve Gastrectomies Revised To Gastric Bypasses. Yorke E, Kim D (Data)
8. A Case Study of Severe Dysmotility Following Laparoscopic Sleeve Gastrectomy. Sheppard CE, Birch DW. (Manuscript Submitted to Case Reports in Surgery)
9. Laparoscopic Adjustable Gastric Band Complication And Revision Rates In A Publicly Funded Obesity Program. Sheppard CE, Whitlock KA, Lester ELW, de Gara CJ, Karmali S, Birch DW. (Manuscript)
10. A Comparison of Sleeve Gastrectomy and Gastric Bypass: Assessing Outcome versus Complications. Munshi A, Alford T, Sheppard CE, de Gara CJ, Birch DW, Karmali S. (Manuscript)
11. A Typical Case of Complicated Medical Tourism. Sheppard CE, de Gara CJ, Birch DW. (Manuscript)
12. Diabetes Case Study. Sheppard CE, Gill RS, Birch DW. (Manuscript)
13. Revisional Bariatric Surgery in a Publicly Funded Program. Sheppard CE, Fulton C, Birch DW, Karmali S, de Gara CJ. (Manuscript)
14. Tracking System for Bariatric Medical Tourism. Sheppard CE, Fulton C, Birch DW. (Pilot Edmonton Zone starting July 1, 2015. Pilot all zones July 1-August 1, 2015. Need to put in ethics application for chart review in 2016)
15. Gastroesophageal Motility and Reflux Following Laparoscopic Sleeve Gastrectomy for Obesity. Sheppard CE, Sadowski DC, de Gara CJ, Abele JT, Karmali S, Birch DW. (Data)
16. GE Motility and BMI. Sheppard CE, Sadowski DC, de Gara CJ, Karmali S, Birch DW. (Data)

17. LSG/LRYGB Symptoms. Sheppard CE, Sadowski DC, de Gara CJ, Karmali S, Birch DW. (Data)
18. LSG Microbiome/Bile Acids. Sheppard CE, Sadowski DC, de Gara CJ, Karmali S, Birch DW. (Data)
19. Proposal for a Study to Create a Standard Curve for Hepatic Left Lobe Volumes in an Adult Population across Range of Body Mass Indices. Barker R, Al-Mamar A, Birch DW, Vizhul A, Karmali S. (Data)
20. A Two-Year Follow-up, Post-Implantation, Multi-Center, International Hernia Mesh Registry. Birch DW, Karmali S. (Follow up)
21. COLOR II: A Randomized Clinical Trial Comparing Laparoscopic and Open Surgery for Rectal Cancer. Principal Investigators: Bonjer HJ, Lacy A. Local investigators: Birch DW, de Gara CJ, Karmali S, Schiller D, Plewes A. (Follow up)

SYSTEMATIC REVIEWS (9)

1. Bariatric Surgery in Type I Diabetes: A Systematic Review and Meta-analysis. Chow A, Switzer NJ, Dang JT, Shi X, de Gara CJ, Birch DW, Gill RS, Karmali S. (Manuscript Accepted / Under Minor Revision)
2. A Systematic Review Comparing The New LINX System To The Gold Standard Nissen Fundoplication For Reflux/Heartburn Or Gastroesophageal Reflux Disease. Skublerny D, Switzer NJ, Karmali S. (Abstract Submitted to CSF 2016)
3. Intra-gastric Balloon and Bariatric Surgery. Yorke E, Switzer NJ, Shi X. (Manuscript Submitted to Obesity Surgery)
4. Updating: Heated CO2 With Or Without Humidification For Minimally Invasive Abdominal Surgery. Birch DW, Switzer NJ, Dang JT, Shi X. (Manuscript Revision)
5. Bariatric Surgery in Elderly. Chow A, Switzer NJ, Gill RS, Dang J, Ko D, Shi X, Birch DW, de Gara CJ, Karmali S. (Manuscript Submitted to Obesity Surgery)
6. Gallstone Dissolution for Prophylaxis Against Cholecystitis. Smart TJ, Switzer NJ, Shi X. (Manuscript)
7. Efficacy of Liraglutide on Weight Loss. Switzer NJ. (Data)
8. The Use Of Radiation Therapy For Unresectable Pancreatic Cancer. Al-Adra D, Gill RS, Shi X. (Data)
9. Bariatric Surgery & Breast Cancer, a Systematic Review. Siddharth Shinde, Switzer NJ. (Data)

PEER REVIEWED PUBLICATIONS (55)

1. Early Surgical and Patient Focused Outcomes of a Rural Obesity Clinic. Chan AW, Hopkins J, Gagnon I, Birch DW. (Accepted by American Journal of Surgery 2016)

2. Quality of Follow-Up: A Systematic Review of the Bariatric Surgery Research. Switzer NJ, Merani S, Skubleny D, Pelletier JS, Gill RS, Kanji R, Shi X, Birch DW, de Gara CJ, Sharma AM, Karmali S. *Ann Surg.* 2016 May;263(5):875-80.
3. Gastric Band Removal in Revisional Bariatric Surgery, One-Step Versus Two-Step: a Systematic Review and Meta-analysis. Dang JT, Switzer NJ, Wu J, Gill RS, Shi X, Thereaux J, Birch DW, de Gara C, Karmali S. *Obes Surg.* 2016 Apr;26(4):866-73.
4. Roux-en-Y Gastric Bypass in the Elderly: a Systematic Review. Chow A, Switzer NJ, Gill RS, Dang J, Ko YM, Shi X, Birch DW, de Gara C, Karmali S. *Obes Surg.* 2016 Mar;26(3):626-30.
5. Financial Costs And Patients' Perceptions Of Medical Tourism In Bariatric Surgery. Kim DH, Sheppard CE, de Gara CJ, Karmali S, Birch DW. *Can J Surg.* 2016 Feb;59(1):59-61.
6. The Cost of Obesity Recurrence. Sheppard CE, Lester EL, Whitlock KA, Birch DW, Karmali S, de Gara CJ. *Obesity and Diabetes: New Surgical and Non-Surgical Approaches.* 1st ed. Springer; 2015;p.11-33.
7. The Impact of Bariatric Surgery on Polycystic Ovary Syndrome: a Systematic Review and Meta-analysis. Skubleny D, Switzer NJ, Gill RS, Dykstra M, Shi X, Sagle MA, de Gara C, Birch DW, Karmali S. *Obes Surg.* 2016 Jan;26(1):169-76.
8. The Impact of Bariatric Surgery on Diabetic Retinopathy: A Systematic Review and Meta-Analysis. Cheung D, Switzer NJ, Ehmann D, Rudnisky C, Shi X, Karmali S. *Obes Surg.* 2015 Sep;25(9):1604-9.
9. Rates of Reflux Before and After Laparoscopic Sleeve Gastrectomy for Severe Obesity. Sheppard CE, Sadowski DC, de Gara CJ, Karmali S, Birch DW. *Obes Surg.* 2015 May;25(5):763-8.
10. Endoscopic Versus Open Component Separation: Systematic Review and Meta-Analysis. Switzer NJ, Dykstra MA, Gill RS, Lim S, Lester EL, de Gara C, Shi X, Birch DW, Karmali S. *Surg Endosc.* 2015 Apr;29(4):787-95.
11. Treatment of Unresectable Intrahepatic Cholangiocarcinoma with Yttrium-90 Radioembolization: A Systematic Review and Pooled Analysis. Al-Adra DP, Gill RS, Axford SJ, Shi X, Kneteman N, Liao SS. *Eur J Surg Oncol.* 2015 Jan;41(1):120-7.
12. Medical Tourism And Bariatric Surgery: Who Pays? Sheppard CE, Lester EL, Chuck AW, Kim DH, Karmali S, de Gara CJ, Birch DW. *Surg Endosc.* 2014 Dec;28(12):3329-36.
13. Single-Donor Islet Transplantation and Long-Term Insulin Independence in Select Patients with Type 1 Diabetes Mellitus. Al-Adra DP, Gill RS, Imes S, O'Gorman D, Kin T, Axford SJ, Shi X, Senior PA, Shapiro AM. *Transplantation.* 2014 Nov 15;98(9):1007-12.

14. Revisional Bariatric Surgery Following Failed Primary Laparoscopic Sleeve Gastrectomy: A Systematic Review. Cheung D, Switzer NJ, Gill RS, Shi X, Karmali S. *Obes Surg.* 2014 Oct;24(10):1757-63.
15. Laparoscopic Gastric Banding and Medical Tourism: a Drain on the System? Sheppard CE, Fulton C, de Gara CJ. *Healthy Weight: the Magazine of the Canadian Association of Bariatric Physicians and Surgeons.* Summer 2014.
16. The Cost of Bariatric Medical Tourism on the Canadian Healthcare System. Sheppard CE, Lester EL, Karmali S, de Gara CJ, Birch DW. *Am J Surg.* 2014 May;207(5):743-6; Discussion 746-7.
17. "iBIM" - Internet-Based Interactive Modules: An Easy And Interesting Learning Tool For General Surgery Residents. Azer N, Shi X, de Gara CJ, Karmali S, Birch DW. *Can J Surg.* 2014 Apr;57(2):E31-5.
18. The Economic Impact of Weight Regain. Sheppard CE, Lester EL, Chuck AW, Birch DW, Karmali S, de Gara CJ. *Gastroenterol Res Pract.* 2013:379564. Epub 2013 Dec 26.
19. Weight Recidivism Post-Bariatric Surgery: A Systematic Review. Karmali S, Brar B, Shi X, Sharma AM, de Gara CJ, Birch DW. *Obes Surg.* 2013 Nov;23(11):1922-1933.
20. Complications Associated With Laparoscopic Sleeve Gastrectomy for Morbid Obesity: A Surgeon's Guide. Sarkhosh K, Birch DW, Sharma A, Karmali S. *Can J Surg.* 2013 Oct;56(5):347-352.
21. The Impact of Laparoscopic Sleeve Gastrectomy on Plasma Ghrelin Levels: A Systematic Review. Anderson B, Switzer NJ, Almamar A, Shi X, Birch DW, Karmali S. *Obes Surg.* 2013 Sep;23(9):1476-80.
22. Early Outcomes of Roux-en-Y Gastric Bypass in a Publically Funded Obesity Program. Whitlock KA, Gill GS, Ali T, Shi X, Birch DW, Karmali S. *ISRN Obes.* 2013 Aug 21;2013:296597.
23. Outcomes of the Adjustable Gastric Band in a Publicly Funded Obesity Program. Chiu CJ, Birch DW, Shi X, Karmali S. *Can J Surg.* 2013 Aug;56(4):233-6.
24. Robotic-Assisted Hepatic Resection: A Systematic Review. Pelletier JS, Gill RS, Shi X, Birch DW, Karmali S. *Int J Med Robot.* 2013 Jun 10.
25. Surgical Interventions for Obesity and Metabolic Disease. Vu L, Switzer NJ, de Gara CJ, Karmali S. *Best Pract Res Clin Endocrinol Metab.* 2013 Apr;27(2):239-46.
26. Outcomes of Osteoarthritis after Bariatric Surgery. Vu L, Switzer NJ, Durand DAC, Hedden D, Karmali S. *Surgery Curr Res.* 2013,3:141.
27. Laparoscopic Sleeve Gastrectomy with *Tri-Staple*TM Reinforcement for Severe Obesity. Sheppard CE, Whitlock KA, Birch DW, Karmali S. *Surgery Curr Res.* 2013,3:144.

28. Endoscopic Revision (Stomaphyx) Versus Formal Surgical Revision (Gastric Bypass) For Failed Vertical Band Gastroplasty. Bolton J, Gill RS, Al-Jahdali A, Byrns S, Shi X, Birch DW, Karmali S. *J Obes*. 2013;108507.
29. The Impact of Bariatric Surgery on Obstructive Sleep Apnea: A Systematic Review. Sarkhosh K, Switzer NJ, El-Hadi M, Birch DW, Shi X, Karmali S. *Obes Surg*. 2013 Mar;23(3):414-23.
30. Sensor Fusion for Laparoscopic Surgery Skill Acquisition. Anderson F, Birch DW, Boulanger P, Bischof WF. *Comput Aided Surg*. 2012;17(6):269-83.
31. Single-incision Appendectomy is Comparable to Conventional Laparoscopic Appendectomy: A Systematic Review and Pooled Analysis. Gill RS, Shi X, Al-Adra DP, Birch DW, Karmali S. *Surg Laparosc Endosc Percutan Tech*. 2012 Aug;22(4):319-27.
32. The Canadian General Surgery Resident: Defining Current Challenges for Surgical Leadership. Tomlinson C, Labossière J, Rommens K, Birch DW. *Can J Surg*. 2012 Aug;55(4):S184-90.
33. Managing Complications Associated With Laparoscopic Roux-En-Y Gastric Bypass For Morbid Obesity. Griffith PS, Birch DW, Sharma AM, Karmali S. *Can J Surg*. 2012 Aug 1;55(4):002011-2011.
34. Predictors of Attrition in a Multidisciplinary Adult Weight Management Clinic. Gill RS, Karmali S, Hadi G, Al-Adra DP, Shi X, Birch DW. *Can J Surg*. 2012 Jun 1;55(3):035710-35710.
35. The Impact of Sleeve Gastrectomy on Hypertension: A Systematic Review. Sarkhosh K, Birch DW, Shi X, Gill RS, Karmali S. *Obes Surg*. 2012 May;22(5):832-7.
36. Laparoscopic Sleeve Gastrectomy with Staple Line Buttress Reinforcement in 116 Consecutive Morbidly Obese Patients: A Canadian Experience. Gill RS, Switzer NJ, Driedger M, Shi X, Vizhul A, Sharma AM, Birch DW, Karmali S. *Obes Surg*. 2012 Apr;22(4):560-4.
37. Laparoscopic Removal of an Intra-Abdominal Intrauterine Device: Case and Systematic Review. Gill RS, Mok D, Hudson M, Shi X, Birch DW, Karmali S. *Contraception*. 2012 Jan;85(1):15-8.
38. The Role of Upper Gastrointestinal Endoscopy in Treating Postoperative Complications in Bariatric Surgery. Gill RS, Whitlock KA, Mohamed R, Sarkhosh K, Birch DW, Karmali S. *J Interv Gastroenterol*. 2012 Jan;2(1):37-41.
39. The Benefits of Bariatric Surgery in Obese Patients with Hip and Knee Osteoarthritis: A Systematic Review. Gill RS, Al-Adra DP, Shi X, Sharma AM, Birch DW, Karmali S. *Obes Rev*. 2011 Dec;12(12):1083-9.

40. Effect of Preoperative Weight Loss in Bariatric Surgical Patients: A Systematic Review. Cassie S, Menezes AC, Birch DW, Shi X, Karmali S. *Surg Obes Relat Dis*. 2011 Nov-Dec;7(6):760-7; Discussion 767.
41. Robotic-Assisted Colon and Rectal Surgery: A Systematic Review. Kanji A, Gill RS, Shi X, Birch DW, Karmali S. *Int J Med Robot*. 2011 Dec;7(4):401-7.
42. Natural Orifice Surgery: Endoluminal Pouch Reduction Following Failed Vertical Banded Gastroplasty. Manouchehri N, Birch DW, Menzes C, Shi X, Karmali S. *Obes Surg*. 2011 Nov;21(11):1787-91.
43. Treatment of Gastric Cancer with Peritoneal Carcinomatosis by Cytoreductive Surgery and Hipec: A Systematic Review of Survival, Mortality, and Morbidity. Gill RS, Al-Adra DP, Nagendran J, Campbell S, Shi X, Haase E, Schiller D. *J Surg Oncol*. 2011 Nov 1;104(6):692-8.
44. Image Inversion and Digital Mirror-Image Technology Aid Laparoscopic Surgery Task Performance in the Paradoxical View: A Randomized Controlled Trial. Gill RS, Al-Adra DP, Mangat H, Wang H, Shi X, Sample C. *Surg Endosc*. 2011 Nov;25(11):3535-9.
45. The Impact of Obesity on Colorectal Surgery: A Survey of Canadian Surgeons. Azer N, Gill RS, Shi X, de Gara C, Birch DW, Karmali S. *Gastroenterology Research*. 2011 Oct;4(5): 194-202.
46. Impact of Sleeve Gastrectomy on Gastroesophageal Reflux Disease: A Systematic Review. Chiu S, Birch DW, Shi X, Sharma AM, Karmali S. *Surg Obes Relat Dis*. 2011 Jul-Aug;7(4):510-5.
47. Robotic-Assisted Bariatric Surgery: A Systematic Review. Gill RS, Al-Adra DP, Birch DW, Hudson M, Shi X, Sharma AM, Karmali S. *Int J Med Robot*. 2011 Dec;7(4):401-7.
48. The Utility of Lighted Ureteral Stents in Laparoscopic Colorectal Resection: A Survey of Canadian Surgeons. Borowieca AM, Gill RS, Birch DW, Karmali S. *Gastroenterology Research Volume 4, Number 4, August 2011, pages 143-148.*
49. Assessment of Medical Student Laparoscopic Camera Skills and the Impact of Formal Camera Training. Bennett A, Birch DW, Menzes C, Vizhul A, Karmali S. *Am J Surg*. 2011 May;201(5):650-4.
50. Complications with Adjustable Gastric Banding: A Surgeon's Guide. Eid I, Birch DW, Sharma AM, Sherman V, Karmali S. *Can J Surg*. 2011 Feb;54(1):61-6.
51. A Deficiency in Knowledge of Basic Principles of Laparoscopy among Attendees of an Advanced Laparoscopic Surgery Course. Menezes AC, Birch DW, Vizhul A, Shi X, Sherman V, Karmali S. *J Surg Educ*. 2011 Jan-Feb;68(1):3-5; Quiz 5.E1-2.
52. Heated CO2 with or Without Humidification for Minimally Invasive Abdominal Surgery. Birch DW, Manouchehri N, Shi X, Hadi G, Karmali S. *Cochrane Database Syst Rev*. 2011 Jan 19;(1).

53. Sleeve Gastrectomy and Type 2 Diabetes Mellitus: A Systematic Review. Gill RS, Birch DW, Shi X, Sharma AM, Karmali S. Surg Obes Relat Dis. 2010 Nov-Dec;6(6):707-13.
54. A Review of Laparoscopic Sleeve Gastrectomy for Morbid Obesity. Shi X, Karmali S, Sharma AM, Birch DW. Obes Surg. 2010 Aug;20(8):1171-7.
55. Medical Tourism in Bariatric Surgery. Birch DW, Vu L, Karmali S, Johnson-Stoklossa C, Sharma AM. Am J Surg. 2010 May;199(5):604-8.

PODIUM PRESENTATIONS (13)

1. Bariatric Surgery in Type I Diabetes: A Systematic Review and Meta-analysis. Chow A, Switzer NJ, Dang JT, Shi X, de Gara CJ, Birch DW, Gill RS, Karmali S. (2016 SAGES)
2. Early Surgical and Patient Focused Outcomes of a Rural Obesity Clinic. Chan AW, Hopkins J, Gagnon I, Birch DW. (North Pacific Surgical Association 2015, Won 2nd Prize)
3. The Impact of Bariatric Surgery on Polycystic Ovary Syndrome: A Systematic Review and Meta Analysis. Skubleny D, Switzer NJ, Gill RS, Dykstra M, Shi X, Sagle MA, de Gara CJ, Birch DW, Karmali S. (SAGES 2015)
4. Quality of Follow-Up: A Systematic Review of the Bariatric Surgery Research. Switzer NJ, Merani S, Skubleny D, Pelletier JS, Gill RS, Kanji R, Shi X, Birch DW, de Gara CJ, Sharma AM, Karmali S. (Canadian Surgery Forum 2015)
5. Outcomes of a Dedicated Bariatric Revision Surgery Clinic. Fulton C, Sheppard CE, Birch DW, Karmali S, de Gara CJ. (Canadian Surgery Forum 2015)
6. Gastroesophageal Motility and Reflux Following Laparoscopic Sleeve Gastrectomy: Preliminary Data. Sheppard CE, Sadowski DC, de Gara CJ, Karmali S, Birch DW. (International Federation for the Surgery of Obesity- IFSO 2014; Tom Williams Surgical Research Day 2015; Obesity Week 2015)
7. A Comparison Of Weight Loss And Follow-Up Interventions Required For Sleeve Gastrectomy And Gastric Bypass At A Single Centre: Is There An Optimal Procedure For Canada? Munshi A, Alford T, Sheppard CE, Karmali S, deGara CJ, Birch DW. International Federation for the Surgery of Obesity. (IFSO2014)
8. Medical Tourism and Obesity Surgery: Who Pays? Sheppard CE, Lester EL, McCabe C, Birch DW, Caulfield T, Karmali S, de Gara CJ. (2014 SAGES)
9. Endoscopic Versus Open Component Separation- A Systematic Review and Meta-Analysis. Switzer NJ, Dykstra MA, Lim S, Lester EL, Gill RS, de Gara CJ, Shi X, Birch DW, Karmali S. (2014 SAGES)

10. Cost of Bariatric Medical Tourism on the Canadian Healthcare System. Sheppard CE, Lester EL, Karmali S, de Gara CJ, Birch DW, Acknowledge Kim DH. (2013 North Pacific Surgical Association)
11. Outcomes of the Adjustable Gastric Band in a Publicly Funded Obesity Program. Chiu J, Karmali S, Sharma AM, Padwal RJ, Birch DW, Shi X. (2012 Canadian Surgery Forum)
12. Assessment of Medical Student Laparoscopic Camera Skills and the Impact of Formal Camera Training. Bennett A, Birch DW, Menzes C, Vizhul A, Karmali S. (2012 North Pacific Surgical Association)
13. A Deficiency in Knowledge of Basic Principles of Laparoscopy among Attendees of an Advanced Laparoscopic Surgery Course. Menezes AC, Birch DW, Vizhul A, Shi X, Feldman L, Sherman V, Karmali S. (2010 SAGES)

POSTER PRESENTATIONS (46)

1. An Update on Idiopathic Intracranial Hypertension and Bariatric Surgery: a Systematic Review. Sun WYL, Switzer NJ, Smart T, Dang JT, Gill RS, de Gara CJ, Birch DW, Karmali S. (2016 SAGES)
2. Treating Type 2 Diabetes with Bariatric Surgery – A Predictive Tool. Dang JT, Sheppard CE, Kim D, Shi X, de Gara CJ, Karmali S, Birch DW. (2016 SAGES)
3. Gastric Band Removal In Revisional Bariatric Surgery, One-Step Versus Two-Step: A Systematic Review. Dang JT, Switzer NJ, Wu J, Gill RS, Shi X, Thereaux J, Birch DW, de Gara CJ, Karmali S. (2016 SAGES)
4. Approach To The Care Of The Pregnant Patient After Bariatric Surgery: A Bariatric Surgeon's Perspective. Skubleny D, Switzer NJ, Gill RS, Birch DW, Karmali S, de Gara CJ. (2016 SAGES)
5. Intra-gastric Balloon for Management of Severe Obesity: A Systematic Review. Yorke E, Switzer NJ, Reso A, Shi X, de Gara CJ, Birch DW, Gill RS, Karmali S. (2016 SAGES)
6. Bariatric Surgery in Type I Diabetes: A Systematic Review and Meta-analysis. Chow A, Switzer NJ, Dang JT, Shi X, de Gara CJ, Birch DW, Gill RS, Karmali S. (2016 SAGES)
7. Bariatric Surgery in Elderly. Chow A, Switzer NJ, Gill RS, Dang J, Ko D, Shi X, Birch DW, de Gara CJ, Karmali S. (ASMBS 2015)
8. Outcomes of a Dedicated Bariatric Revision Surgery Clinic. Fulton C, Sheppard CE, Birch DW, Karmali S, de Gara CJ. (SAGES2015)

9. Comparative Effectiveness of Gastric Bypass, Sleeve Gastrectomy and Gastric Banding in Patients Enrolled in a Population-based Bariatric Program: Prospective Cohort Study with Two Year Follow-up. Gill RS, Majumdar SR, Agborsangaya C, Rueda-Clausen CF, Birch DW, Karmali S, Klarenbach S, Sharma AM, Padwal RS. (SAGES 2015)
10. The Efficacy of Gallbladder Dissolution Therapy Following Bariatric Surgery: A Systematic Review. Smart TJ, Switzer NJ, Gill RS, Shi X, de Gara CJ, Birch DW, Karmali S. (SAGES 2015)
11. Quality of Follow-Up: A Systematic Review of The Research In Bariatric Surgery. Switzer NJ, Merani S, Skubleny D, Pelletier JS, Richdeep RS, Kanji R, Shi X, Birch DW, de Gara CJ, Sharma AM, Karmali S. (SAGES 2015)
12. Revisional versus Primary Bariatric Surgery in a Publicly Funded Program. Sheppard CE, Fulton C, Birch DW, Karmali S, de Gara CJ. (SAGES 2015, NPSA 2014)
13. Laparoscopic Adjustable Gastric Band Complication And Revision Rates In A Publicly Funded Obesity Program. (Canadian Surgery Forum 2014)
14. The Covidien™ TriStaple System vs. the Duet™ Tissue Buttress in Laparoscopic Sleeve Gastrectomy: a Comparative Study. Dykstra M, Switzer NJ, Sheppard CE, Whitlock KA, Gill S, Shi X, Karmali S. (SAGES 2014 & Canadian Surgery Forum 2014)
15. Revisional Bariatric Surgery in a Publicly Funded Program. Sheppard CE, Fulton C, Birch DW, Karmali S, de Gara CJ. (NPSA 2014)
16. LAGB Failure and Revision Rate of Weight Wise Clinic. Sheppard CE, Whitlock KA, Karmali S, de Gara CJ, Birch DW. (CSF 2014)
17. A Comparison of Sleeve Gastrectomy and Gastric Bypass: Assessing Outcome versus Complications. Munshi A, Alford T, Sheppard CE, de Gara CJ, Birch DW, Karmali S. (CSF 2014)
18. Laparoscopic Revision of Vertical Banded Gastroplasty to Sleeve Gastrectomy for Gastric Outlet Obstruction: Early Experience in 18 patients. Gill RS, Karmali S, Morris L, Shi X, Sherman V. (SAGES 2014 & American College of Surgeons' 99th Clinical Congress 2013)
19. Laparoscopic Sleeve Gastrectomy with Tri-Staple™ reinforcement for Severe Obesity. Sheppard CE, Whitlock KA, Birch DW, Karmali S. (NPSA 2013 & IFSO 2014)
20. Rates of Reflux Before and After Laparoscopic Sleeve Gastrectomy of Weight Wise Clinic Patients. Sheppard CE, Birch DW, Sadowski DC, de Gara CJ, Karmali S. (ASMBS 2013)

21. Development and Implementation of Minimally Invasive Surgery Resident Curriculum. Birch DW, Karmali S, de Gara CJ, Andony K, Shi X. (2013 International Conference on Residency Education (ICRE) meeting)
22. Gastric Bypass: Hand-sewn vs. 25mm Circular Stapler. Gill RS, Barker R, Whitlock KA, Shi X, Birch DW, Karmali S. (SAGES 2013)
23. The Impact of Bariatric Surgery on Obstructive Sleep Apnea: A Systematic Review. Sarkhosh K, Switzer NJ, El-Hadi M, Birch DW, Shi X, Karmali S. (SAGES 2013)
24. Endoscopic Revision (StomaphyX) vs. Formal Surgical Revision (Gastric Bypass) for Failed Vertical Band Gastroplasty. Bolton J, Switzer NJ, Gill RS, Al-Jahdali A, Byrns S, Shi X, Birch DW, Karmali S. (ASMBS 2012)
25. Comparison of Stricture Rates at the Gastrojejunal Anastomosis Following Roux-en-Y Gastric Bypass: 21mm vs. 25mm Circular Stapler. Ali T, Switzer NJ, Gill RS, Whitlock KA, Shi X, Birch DW, Karmali S. (ASMBS 2012)
26. Robotic-assisted Hepatic Resection: A Systematic Review of Mortality and Morbidity. Pelletier JS, Gill RS, Shi X, Birch DW, Karmali S. (SAGES 2012)
27. Robotic-Assisted Colon and Rectal Surgery: A Systematic Review. Kanji A, Gill RS, Shi X, Birch DW, Karmali S. (SAGES 2012)
28. Analyzing Early Outcomes of Roux-En-Y Gastric Bypass in a Publically Funded Canadian Obesity Program. Whitlock KA, Gill RS, Ali T, Shi X, Birch DW, Karmali S. (SAGES 2012)
29. A Systematic Review of the Association between Obesity and Inguinal Hernias. Sarkhosh K, Switzer NJ, Driedger M, Shi X, Gill RS, Birch DW, Karmali S. (SAGES 2012)
30. A Systematic Review and Pooled Analysis of Single Incision Laparoscopic Appendectomy. Gill RS, Shi X, Al-Adra DP, Birch DW, Karmali S. (SAGES 2012)
31. Laparoscopic Sleeve Gastrectomy with Staple Line Buttress Reinforcement in 116 Consecutive Morbidly Obese Patients. Gill RS, Switzer NJ, Driedger M, Shi X, Sharma AM, Birch DW, Karmali S. (SAGES 2012)
32. Dysphagia Secondary to an Angelchik Prosthesis Insertion: the Role of Laparoscopic Management. Birch DW, Azer N. (SAGES 2011)
33. Heated versus Cold Insufflation for Minimally Invasive Abdominal Surgery has Minimal Benefit on Patient Outcomes. Manouchehri N, Birch DW, Shi X, Hadi G, Karmali S. (SAGES 2011)
34. Impact of Sleeve Gastrectomy on Gastroesophageal Reflux Disease: A Systematic Review. Chiu S, Birch DW, Shi X, Sharma AM, Karmali S. (SAGES 2011)
35. Natural Orifice Surgery: Endoluminal Pouch Reduction Following Failed Vertical Banded Gastroplasty. Manouchehri N, Birch DW, Menezes AC, Shi X, Karmali S. (SAGES 2011)

36. Predictors of Attrition in a Multidisciplinary Adult Weight Management Clinic. Hudson M, Gill RS, Al-Adra DP, Shi X, Karmali S, Birch DW. (SAGES 2011)
37. Image Inversion and Digital Mirror Image Technology Aid Laparoscopic Surgery Task Performance in the Paradoxical View: A Randomized Controlled Trial. Gill RS, Al-Adra DP, Shi X, Sample CB. (SAGES 2011)
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