

CURRICULUM VITAE

Tammy Lyn Kindel, MD, PhD, FACS, FASMBS

Vice Chief, Division of Surgical Research
Medical Director, Bariatric Surgery Program
Associate Program Director, Advanced GI/MIS and Bariatric Surgery Fellowship
Associate Professor of Surgery
Division of Minimally Invasive and Gastrointestinal Surgery, Department of Surgery (primary)
Graduate School of Biomedical Sciences (secondary)
Department of Microbiology & Immunology (secondary)
Medical College of Wisconsin

I am an academic bariatric surgeon-scientist with specific clinical development experience in adolescent bariatric surgery, revisional bariatric surgery, and metabolic surgery in advanced heart failure patients. I am the clinical director of the MBSAQIP accredited bariatric surgery program at Froedtert & Medical College of Wisconsin and vice chief of the division of surgical research in the department of surgery. My research interests involve GI mediated mechanisms for cardiovascular disease remission after metabolic surgery funded by the National Institutes of Health.

HOME ADDRESS:

OFFICE ADDRESS: Medical College of Wisconsin

EDUCATION:

08/1997-06/2001 BS, Wilmington College, Wilmington, OH
08/2001-06/2005 MD, The Ohio State University, Columbus, OH
06/2007-06/2010 PhD, University of Cincinnati, Cincinnati, OH
Department of Pathobiology and Molecular Medicine
Dissertation: The effects of duodenal-jejunal bypass on glucose homeostasis

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

07/2005-06/2013 Residency, General Surgery, Northwestern Memorial Hospital,
Chicago, IL
07/2014-06/2015 Fellowship, Minimally Invasive and Bariatric Surgery, University of
Nebraska, Medical Center, Omaha, NE
09/2017-08/2019 CTSI of Southeast Wisconsin, Clinical Research Scholars Program

LEADERSHIP TRAINING:

06/2022 Columbia University School of Business Executive Education, Women in
Leadership
01/2023-10/2023 MCW Women's Leadership Learning Collaborative
09/2023-05/2024 MCW Department of Surgery CAPTAINS leadership training

FACULTY APPOINTMENTS:

11/2013-06/2015 Clinical Assistant Professor, Department of Surgery, Division of General Surgery, University of Nebraska Medical Center, Omaha, NE
 09/2015-06/2019 Assistant Professor, Department of Surgery, Division of Minimally Invasive and General Surgery, Milwaukee, WI
 07/2020-present Associate Professor, Department of Surgery, Division of Minimally Invasive and Gastrointestinal Surgery (primary appointment), Medical College of Wisconsin, Milwaukee, WI
 09/2020-present Associate Professor, Graduate School of Biomedical Sciences (secondary appointment), Medical College of Wisconsin; Milwaukee, WI
 3/2021-present Associate Professor, Department of Microbiology & Immunology (secondary appointment), Medical College of Wisconsin; Milwaukee, WI

COLLEGE ADMINISTRATIVE APPOINTMENTS:

10/2023-present Faculty director, Women's Learning Leadership Collaborative, Office of Advancing Women in Science & Medicine, MCW
 07/2024-present Vice Chief, Division of Research, Department of Surgery

EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:

10/2021-present Associate Program Director, Gastrointestinal/Minimally Invasive Surgery and Bariatric Surgery Fellowship, Milwaukee, WI

HOSPITAL ADMINISTRATIVE APPOINTMENTS:

04/2018-present Medical Director, Bariatric Surgery Program of Froedtert & MCW

RESEARCH ADMINISTRATIVE APPOINTMENTS:

09/2022- present MCW IACUC Chair

HOSPITAL STAFF PRIVILEGES:

11/2013-6/2015	University of Nebraska Medical Center, Omaha, NE
09/2015-present	Froedtert Memorial Lutheran Hospital, Milwaukee, WI
09/2015-present	Children's Hospital of Wisconsin, Milwaukee, WI

SPECIALTY BOARDS AND CERTIFICATION:

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
American Board of Surgery #058841 (CC)	01/2014	01/05/2026
FPD-ABS, Bariatric & Metabolic Surgery #000164	4/2023	01/05/2026

<u>Certificates</u>	<u>Issued By</u>	<u>Issue Date</u>	<u>Expiration</u>
Satisfactory Training in MBS	ASMBS	10/2015	none
<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
Wisconsin License	64165	06/2015	10/31/2025

PROFESSIONAL AWARDS AND HONORS:

06/2001	Summa Cum Laude, Wilmington College, Wilmington, OH, 06/2001
05/2004	AOA Honor Society, Junior member induction
05/2004	AOA Gamma Chapter President

06/2005	Glasgow-Rubin Achievement citation, American Medical Women's Association
06/2005	Ferguson Award in Surgery, The Ohio State University COM
06/2005	Cum Laude, The Ohio State University COM
06/2008	Pathobiology and Molecular Medicine Milestone Achievement Award, University of Cincinnati
06/2009	Winner Open/Basic Science Research Competition, Department of Surgery, Northwestern Memorial Hospital, Chicago, IL
05/2010	2 nd place poster award winner, Digestive Health Center Annual Scientific Research Symposium, Children's Hospital and Medical Center of Cincinnati
06/2011	"Resident as Teachers" award winner, Department of Surgery, Northwestern Memorial Hospital
06/2012	"Resident as Teachers" award winner, Department of Surgery, Northwestern Memorial Hospital, Chicago, IL
06/2012	Kanavel Scholars Award Winner, Department of Surgery, Northwestern Memorial Hospital
07/2012	Administrative Chief Resident, Northwestern Memorial Hospital (07/2012-06/2013)
04/2019	SAGES Young Researcher Award- This award is designated for a young member of SAGES within 5 years of completion of fellowship training with significant clinical and/or basic science research, publication or presentation at national meetings, and dedication to an academic career.
05/2020	The Ohio State University COM Early Career Achievement Award- This award is presented to an alumnus/alumna who has made significant career contributions to the community or college in the areas of service, scientific or academic achievement within 10 years of medical training.
08/2021	SAGES Foundation Excellence in Medical Leadership Award- This leadership program scholarship is to optimize a high potential surgeon leader in the medical field/industry so they can deliver sustainable results driven by their greatest capabilities and purpose as a leader.
06/2022	MCW Department of Surgery Professionalism Award- This award is selected by the general surgery residents and given each year to one faculty member from the department of surgery who exemplifies honesty, integrity and a commitment to patient care.
06/2022	MCW Office of Research 2022 Outstanding Committee Service Award
06/2023	Medical College Physicians 2023 Lee A. Biblo Excellence in Professionalism Award
06/2024	American Society of Metabolic and Bariatric Surgery 2024 Distinguished Service Award- This award is bestowed upon members who have made notable and outstanding contributions to the field of metabolic and bariatric surgery and demonstrate a strong commitment to ASMBS and its mission.
11/2024	Outstanding Graduate School Educator 2023-2024

ACTIVE MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

Society for American Gastrointestinal and Endoscopic Surgeons (SAGES)
American College of Surgeons (ACS)
American Society for Metabolic and Bariatric Surgery (Member and Fellow, ASMBS)
Wisconsin Surgical Society
Society of University Surgeons
Alpha Omega Alpha

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Editorship

01/2024-present Surgery for Obesity and Related Diseases (associate editor)

Editorial Board

07/2023-present Surgical Endoscopy

Ad-hoc Review

Annals of Surgery
Annals of Surgical Oncology
Biomedicines
BMC Obesity
Diabetes
Expert Review of Cardiovascular Therapy
EBioMedicine
Gut Microbes
Journal of Clinical Medicine
Journal of Gastrointestinal Surgery
Journal of Surgical Research
Medical Science Monitor
Nutrients
Obesity Surgery
Surgery

LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

01/2016-01/2018 Leadership Council, Wisconsin State Chapter of the American Society
for Metabolic and Bariatric Surgery, at large position
11/2017-11/2019 Leadership Council, Wisconsin Surgical Society, State Chapter of the
American College of Surgeons
01/2018-01/2020 Leadership Council, Wisconsin State Chapter of the American Society
for Metabolic and Bariatric Surgery, Secretary/Treasurer
7/2021-06/2022 Leadership Council, Wisconsin State Chapter of the American Society
for Metabolic and Bariatric Surgery, Vice-president

**NATIONAL/INTERNATIONAL ELECTED/APPOINTED LEADERSHIP AND
COMMITTEE POSITIONS:**

06/2015-05/2017 Member, Safety in Cholecystectomy Task Force, SAGES
06/2015-present Member, Guidelines Committee, SAGES
01/2016-present Member, Research Committee, ASMBS

01/2016-present ASMBS research grant review committee
 11/2016-present Member, Quality Improvement & Patient Safety Committee, ASMBS
 02/2017-02/2019 Member, Membership Committee, AAS
 01/2020-present Program Committee, Scientific Sessions Sub-committee member, ASMBS
 07/2020-06/2023 Co-chair, Quality Improvement & Patient Safety Committee, ASMBS
 07/2020-present SAGES research grant review committee, 2020-present
 07/2020-present Career Development and Research Committee member, SAGES
 06/2022-06/2025 Treo Foundation Board Member
 07/2022-present Co-chair, Guidelines Committee, SAGES
 04/2023-04/2025 Member, Nominating Committee ASMBS
 05/2023 2023/08 ZRD1 ENDA-L Endocrinology A VA
 06/2023-present CTSA External Reviewers Exchange Consortium
 06/2023 NIH Bioengineering, Technology, and Surgical Sciences (BTSS) Study Section
 06/2023-06/2025 Chair, Quality Improvement & Patient Safety Committee, ASMBS
 06/2023-06/2025 Co-chair, Research Committee, ASMBS
 04/2024-present American Board of Surgery/ASMBS Standard Setting Panelist for Metabolic and Bariatric Surgery FPD exam
 06/2024-present Member, Board Certification Committee, ASMBS
 07/01/24-6/30/28 NIH Bioengineering, Technology, and Surgical Sciences (BTSS/SBIB) standing study section member
 10/01/24-present ACS-MBSAQIP Data and Quality Advisory Council

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

Active

Peer Review

Title:	The role of GLP-1 in cardiac recovery after bariatric surgery in obesity-induced heart failure.
Source:	American College of Surgeons George Clowes Career Development Award
Role:	PI
Dates:	7/2020-6/2025
Total Funds:	\$225,000
Effort:	supplement to K08 75%
Title:	Identifying gut microbiome mediated mechanisms of diastolic dysfunction improvement after bariatric surgery
Source:	NIH/NHLBI R01HL158900
Role:	PI
Dates:	6/1/2022-5/31/2027
Total Funds:	\$2,209,200
Effort:	30%
Title:	The effect of sleeve gastrectomy on endothelial nitric oxide availability as a mechanism to improve diastolic dysfunction of obesity

Source: Sages Research Award 2024
Role: co-PI/mentor (PI Suh, research resident)
Dates: 04/15/2024-04/14/2025
Total Funds: \$30,000

Title: The effect of sleeve gastrectomy on endothelial nitric oxide availability as a mechanism to improve diastolic dysfunction of obesity
Source: We Care Scholar Award
Role: co-PI/mentor (PI Suh, research resident)
Dates: 07/01/2024-06/30/2025
Total Funds: \$90,000

Prior

Title: The intersection of GLP-1, gut microbiota, and brain connectivity in prodromal Alzheimer's disease
Source: NIA/NIH 1R21AG075501
Role: Co-I (PI Umfleet)
Dates: 01/15/2022-12/31/2024
Total Funds: \$396,000
Effort: 5%

Title: DK0833205: Is GIP Involved in the Resolution of Diabetes after Gastric Bypass
Source: NIH/NIDDK NRSA FK32
Role: PI
Dates: 07/2008-07/2010
Total Funds: \$116,744

Title: The effect of sleeve gastrectomy on post-prandial serum bile acids
Source: University of Nebraska Medical Center Clinical and Translational Research Support Fund
Role: PI
Dates: 01/2015-12/2016
Total Funds: \$160,000

Title: The effect of sleeve gastrectomy on post-prandial serum bile acids
Source: SAGES Research Grant
Role: PI
Dates: 04/2015-04/2017
Total Funds: \$30,000

Title: The effect of sleeve gastrectomy on cardiac function in diet-induced obese rats.
Source: ASMBS
Role: PI

Dates: 11/2016-10/2017
Total Funds: \$25,000

Title: The role of GLP-1 in cardiac recovery after bariatric surgery in obesity-induced heart failure.
Source: NIH/NCATS Mentored Career Development Award- KL2TR001438
Role: Principal Investigator
Dates: 4/2017-1/2019 (K08 supplanted this award)
Total Funds: \$273,240
Effort: 75%

Title: The effect of bariatric surgery and antibiotics on the gut microbiome and hypertension
Source: We Care Fund for Medical Innovation and Research Award, MCW
Role: Principal Investigator
Dates: 9/1/2018-8/31/2020
Total Funds: \$70,000
Effort: 5%

Title: The role of GLP-1 in cardiac recovery after bariatric surgery in obesity-induced heart failure.
Source: NIH/NHLBI K08 Career Development Award- K08 HL140000-01A1
Role: PI
Dates: 1/15/2019-6/1/2022
Total Funds: \$603,496
Effort: 75%

Title: Weight loss independent effects of bariatric surgery on cardiac function in rodents.
Source: Research Affairs Committee
Role: Principal Investigator
Dates: 1/1/2020-12/31/2021
Total Funds: \$25,000
Effort: 5%

Title: Integrated Clinical & Research Ensemble in Obesity
Source: CTSI Greater Milwaukee and Southeastern Wisconsin, UL1TR001436
Role: Member
Dates: 2/1/2020-2/1/2024
Total Funds: \$50,000
Effort: 0%

Title: How the microbiome mediates changes in hypertension after bariatric surgery
Source: Michael Keelan Jr. MD Research Foundation Award, MCW CVC
Role: PI

Dates: 11/1/2020-10/30/2022
Total Funds: \$50,000
Effort: 5%

Title: NIH Clinical Research Scholars Loan Repayment Program
Date: 9/2021-8/2023

Pending

Peer Review

Title: Sleeve gastrectomy for treatment of midline obesity to reduce risk of Alzheimer's disease: A pilot study on vascular inflammatory mediators
Source: NIH/NIA R03
Role: MPI (Contact PI Kindel, co-PI Umfleet)
Dates: 01/2026-12/2027
Total Funds: \$312,000
Effort: 9.05%

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

International

1. 65th International Bariatric Club, University of Oxford, Hot Topics in Surgery Webinar, "Bariatric and Metabolic Surgery in Adolescents- A 2022 Update." 5/2022
2. IFSO 2022, Invited Symposium Speaker, "Hernias and the Morbidly Obese Patient." 08/2022
3. IFSO 2022, Invited Speaker, "Top papers of the past 3 years." 8/2022
4. 3rd eSPACE Heart Failure Digital Conference 2022 Translational Medicine Academy, "How to manage the obese patient with heart failure: Bariatric Surgery" 10/2022
5. 10th Heart Failure Guidelines Forum Translational Medicine Academy, "Bariatric Surgery for obese patients with heart failure," 10/2022
6. 3rd Cardio-Renal-Metabolic Digital Conference (eSPACE-CRM), "Bariatric Surgery" 3/2023
7. 4th International Bariatric Club University of Oxford World Congress, Expert's forum panelist, "Dietetic, Medical and Surgical Considerations when Operating in Extreme Obesity BMI > 70kg/m." Oxford, England 9/2023
8. 4th International Bariatric Club University of Oxford World Congress, Session Moderator, "Bands, clips and rings on the foregut: regressive innovation or surgical genius?" Oxford, England 9/2023
9. TMA iCARDIO Alliance, Meeting on Guidelines on Obesity Management in Cardiovascular Disease; speaker "Controversies regarding bariatric/metabolic surgery recommendation," 7/2024
10. Chair of 2024 Task Force on Global Implementation Guidelines on obesity therapy in patients with cardiovascular disease; iCardio Alliance/Translational Medicine Academy (taskforce comprises approximately 25-30 experts in total coming from around the globe and representing at least four continents) 7/2024
11. 5th International Bariatric Club University of Oxford World Congress, Expert's forum panelist, "Adolescent Bariatric Surgery" Oxford, England 9/2024

12. IFSO-PAC 2025, Session Chair, Metabolic and Bariatric Surgery: Targeting to Treat
13. IFSO-PAC 2025, Invited Speaker, "Targeting to Treat: Cardiometabolic Health"

National

1. ACS Clinical Congress Panel Session 2012, Co-chair, "Does the science support extending bariatric criteria to new populations?" 10/2012
2. ACS Clinical Congress 2015, Co-moderator, "Video Education Bariatric Surgery," 10/2015
3. Obesity Week 2016, Invited Panel Sessions Speaker, "Concomitant Hiatal Hernia Repair and Sleeve Gastrectomy," 11/2016
4. SAGES 2017 Moderator, "Let's do Lunch: Gastric" 04/2017
5. ACS Quality and Safety conference 2017, Invited Speaker, "Research in Metabolic and Bariatric Surgery" 07/2017
6. ACS Quality and Safety conference 2017, Invited speaker, "An Interactive Panel Session for the MBSCR" 07/2017
7. Obesity Week 2017, Invited Speaker, "Management algorithms of Ventral/Incisional Hernias during Bariatric Surgery." 11/2017
8. SAGES 2018, Co-Chair, "The Future of Bariatrics, Diabetic Care, and Metabolic Surgery: No Weight Loss Required!" 04/2018
9. SAGES 2018, Invited Panel Speaker, "The clinical effect of bariatric surgery on diabetic cardiac dysfunction." 04/2018
10. ACS Quality and Safety Conference 2018, invited speaker, "Choosing and Prioritizing a QI Project." 7/2018
11. ACS Quality and Safety Conference 2018, "Metabolic Surgery: The future of heart failure management." 7/2018
12. ACS Clinical Congress 2018, co-moderator, "Bariatric/Foregut" 10/2018
13. Obesity Week 2018, Co-chair, "Bariatric Surgery and Mending of an Achy Breaky Heart" 11/2018
14. SAGES 2019, Co-Chair, "Devil's in the Details: Sleeve Gastrectomy" 4/2019
15. SAGES 2019, invited speaker, "Managing Hiatal Hernias During Gastric Bypass" 4/2019
16. SAGES 2019, invited speaker, "Laparoscopic Revision of Chronic Marginal Ulcers/Stricture" 4/2019
17. ACS Clinical Congress 2019, Co-moderator, "Bariatric Surgery/Foregut" San Francisco, CA. 10/2019
18. Obesity Week 2019, Invited Speaker TOS/ASMBS Joint Symposium "The Pancreas, Resolution of Pancreatic Dysfunction, Predicting Surgical Risk and Diabetes Remission in the Digital Revolution" Las Vegas, NV. 11/2019
19. Obesity Week 2019, Invited Speaker, "Impact of metabolic surgery on end-organ complications of diabetes" Las Vegas, NV. 11/2019
20. Obesity Week 2019, Co-Chair, "Enhanced Recovery After Surgery" Las Vegas, NV. 11/2019
21. Minimally Invasive Surgery Symposium 2020, Invited Speaker Metabolic/Bariatric Surgery Program; "How does obesity cause heart failure, effects of bariatric surgery on heart failure." 06/2020
22. SAGES 2020, Chair, "Avoiding and Managing Recidivism after Bariatric Surgery" 08/2020

23. SAGES 2020, Invited Speaker, “Managing Bariatric Complications On-Call: This patient is too sick to transfer—Now what do I do? 08/2020
24. SAGES 2020, Invited Speaker, “Adolescent Weight Loss Surgery- How to Get Them Through College” 08/2020
25. ACS Clinical Congress 2020, Invited Speaker, “Metabolic surgery: Mechanisms and Clinical Outcomes” 10/2020
26. ACS Clinical Congress 2020, Moderator, “Bariatric/Foregut” 10/2020
27. ASMBS Annual meeting, Top paper discussant, 6/2021
28. SAGES Co-chair, “Management of Reflux Pre- and Post-Bariatric Surgery”, 8/2021
29. SAGES Moderator Scientific Sessions 11: Bariatric Foregut Video Session 2, 8/2021
30. ACS Clinical Congress 2021, Moderator, “Bariatric/Foregut” 10/2021
31. SAGES Moderator Scientific Sessions, “Bariatric Sessions 3” 3/2022
32. Pennington Biomedical Research Center Metabolic Surgery Grand Rounds, panelist “Metabolic Surgery and Cardiovascular Outcomes,” 6/2022
33. ASMBS Video/Paper Palooza Session 4, Co-moderator, 6/2022
34. SAGES Moderator “Conquering Bariatric Disasters” Video Session; 4/2023
35. SAGES “Masters Foregut: Controversies in the Management of GERD”, Invited Speaker; 4/2023
36. American Association for Clinical Endocrinology (AACE) Annual Meeting, Invited Speaker “Metabolic Surgery” 5/2023
37. Pennington Biomedical Research Center Metabolic Surgery Grand Rounds, panelist “Metabolic Surgery for Heart Failure,” 5/2023
38. ASMBS Annual Meeting invited speaker, “Treatment of Resistant Obesity”, 6/2023
39. ASMBS Obesity Weekend session co-chair, “Difficult surgical decisions in cancer patients” 10/2023
40. ASMBS Obesity Weekend invited speaker, “Revisional surgery is the best option for weight recurrence (30% weight recurrence after RYGB)” 10/2023
41. ASMBS Obesity Weekend invited speaker, “Metabolic and bariatric surgery impact on cardio-metabolic health and type 2 diabetes” 10/2023
42. ACS Clinical Congress 2023, Moderator, “Bariatric/Foregut II” 10/2023
43. SAGES 2024 Session Chair: “Bariatric Emergencies” 4/2024
44. ASMBS Annual Meeting invited speaker, “How I integrate medical weight loss into my surgical practice” 6/2024
45. ASMBS Annual Meeting invited speaker, “Sleeve gastrectomy: Bariatric Surgery Made Easy. Not Really!” 6/2024
46. ASMBS Annual Meeting invited speaker, “GLP-1 Receptor Agonist” 6/2024
47. ASMBS Annual Meeting invited speaker, “Multiple Receptor Agonist” 6/2024
48. ASMBS Annual Meeting invited speaker, “How can bariatric surgery help with heart failure” 6/2024
49. ASMBS Annual Meeting Course Director, “When to repeat diagnostic testing after weight loss” 6/2024
50. Endo 2024, Invited speaker: “The role of metabolic surgery for solid organ transplant candidates.” 6/2024
51. SAGES 6th Annual Minimally Invasive Surgery Fellows Career Development Course, Invited Speaker, “Academic Surgery” 8/2024
52. ACS Clinical Congress 2024, Speaker, “Seminal Works in Surgery”, 10/2024

53. ASMBS Obesity Weekend 2024, “Pre-operative Optimization for Hernia Repair,” 11/2025
54. ASMBS Obesity Weekend 2024, “Limb Distalization for Weight Recurrence,” 11/2025
55. Society of Perioperative Care Virtual Journal Club, “GLP-1R Agonists”, 2/2025

Regional

1. Update in Clinical Endocrinology Conference, “Surgical Treatment of Obesity”, Brookfield, WI 11/2015
2. 4th Annual Midwest Bariatric Summit, “Sleeve to Bypass: Does the physiology support conversion for weight loss failure?” Chicago, IL 9/2016
3. MCW Green Bay Symposium Debates and Controversies in GERD, Esophageal Motility, and Obesity Management, “Bariatric Surgery is Underutilized! Safety and Efficacy of Modern Bariatric Procedures.” Green Bay, WI 12/2016
4. University of Minnesota Bariatric Education Days: An Integrated Approach to Treating Obesity Conference, Guest Speaker; “Safety and Efficacy of Modern Bariatric Procedures,” Bloomington, MN 5/2017
5. Wisconsin ASMBS State Chapter Meeting co-chair; speaker: “Adolescent Bariatric Surgery” 11/2017
6. MCW Advances in Minimally Invasive General Surgery Symposium, “Evaluation and Management of Post-Bariatric Surgery Complications.” Green Bay, WI 12/2017
7. University of Minnesota Bariatric Education Days: An Integrated Approach to Treating Obesity Conference, Invited Speaker; “Obesity Surgery through the Lifespan,” Bloomington, MN 5/2018
8. University of Wisconsin Obesity Management Summit, Invited Speaker, “Adolescent Bariatric Surgery” Madison, WI 5/2018
9. MCW Green Bay Symposium Updates in General Surgery, “Bariatric Surgery in Complex and Challenging Patients.” Green Bay, WI 12/2018
10. MCW Green Bay Symposium Updates in General Surgery, “The science of obesity for dummies.” Green Bay, WI 12/2019
11. 16th Annual Diabetes and Metabolic Disease Symposium of Wisconsin, “Biology of Bariatric Surgery,” 5/2023
12. 9th Annual Midwest Bariatric Summit, “Post-operative diabetes management after bariatric surgery.” Chicago, IL 9/2023
13. MCW Green Bay Symposium Updates in General Surgery, “Overview of obesity medications for surgeons.” Green Bay, WI 9/2023
14. Virginia Bariatric Society ASMBS State Chapter Meeting, Keynote Speaker, “Food for thought: a surgeon-physiologist’s slice on metabolic surgery.” Charlottesville, VA 8/2024

Local

1. Northwestern Memorial Hospital General Surgery Grand Rounds, “Why dieting doesn’t work but bariatric surgery does: the prevention of weight regain.” Chicago, IL 12/2012
2. Northwestern Memorial Hospital Internal Medicine Grand Rounds, “An Update on Bariatric Surgery.” Chicago, IL 02/2013
3. Milwaukee Academy of Surgery, “Bariatric Surgery in Unpopular Patient Populations.” Milwaukee, WI 2/2016

4. Medical College of Wisconsin Department of Surgery Grand Rounds, "Success from our Failures: Mechanisms for weight loss after bariatric surgery." Milwaukee, WI, 2/2016
5. Medical College of Wisconsin Cardiovascular Center Seminar Series, "Is the way to better heart failure therapy through the stomach?" Milwaukee, WI 04/2016
6. St. Joseph's Hospital Medical Staff Education Program, "Bariatric Surgery in 2016." West Bend, WI 04/2016
7. Children's Hospital of Wisconsin Pediatric Endocrinology Conference, "Comprehensive Weight Loss Center: Adolescent Qualifications" Milwaukee, WI 10/2016
8. MCW Cardiovascular Center Research Retreat, invited speaker, "Manipulating the entero-cardiac axis as a novel treatment for heart failure." Milwaukee, WI 4/2017
9. Albert Einstein College of Medicine Montefiore Medical Center, Department of Surgery Visiting Professor Grand Rounds, "From bariatric surgery to metabolic surgery: Is weight loss necessary?" Bronx, NY 4/2017
10. MCW Department of Physiology Seminar, "Manipulating the entero-cardiac axis to treat obesity cardiomyopathy", Milwaukee, WI 4/2017
11. CTSI Research Seminar Series, invited speaker "Manipulating the entero-cardiac axis to treat obesity cardiomyopathy." Milwaukee, WI 9/2017
12. Albert Einstein College of Medicine Liver Seminar Series, Invited speaker "The role of bile acids in weight loss and metabolic disease improvement after bariatric surgery." Bronx, NY 10/2017
13. MCW Department of Obstetrics and Gynecology Grand Rounds, "The impact of bariatric surgery on gynecologic health and infertility." Milwaukee, WI 11/2017
14. MCW Department of Obstetrics and Gynecology Grand Rounds, "The impact of bariatric surgery on gynecologic health and infertility." Milwaukee, WI 11/2017
15. MCW Department of Obstetrics and Gynecology Grand Rounds, "The impact of bariatric surgery on gynecologic health and infertility." Milwaukee, WI 11/2017
16. Children's Hospital of Wisconsin Department of Pediatrics Grand Rounds, "Bariatric surgery as an emerging option for morbidly obese adolescents in Wisconsin: the FMLH/CHW experience." Milwaukee, WI 02/2018
17. MCW Division of Cardiology Grand Rounds, "Manipulating the entero-cardiac axis to treat metabolic heart failure." Milwaukee, WI 6/2018
18. MCW Annual Diabetes Symposium, invited speaker, "Metabolic Surgery for the Treatment of Diabetes." Milwaukee, WI 5/2019
19. MCW Department of Psychiatry Grand Rounds, "Metabolic Bariatric Surgery: Pre-operative patient selection and post-operative management." Milwaukee, WI 1/2020
20. MCW Department of Physiology Grand Rounds, "Manipulating the gastrointestinal tract through surgery to treat obesity-related cardiovascular disease." Milwaukee, WI 4/2021
21. MCW Weight Management Symposium, "Adolescent Bariatric Surgery." Milwaukee, WI 10/2021
22. Children's Wisconsin Pediatric Grand Rounds, "Adolescent Bariatric Surgery." Milwaukee, WI 11/2022
23. Children's Wisconsin Herma Heart Institute, "Gut microbiota-driven improvements in cardiovascular function after bariatric surgery." Milwaukee, WI 3/2022
24. Children's Research Institute Research Conference, "Microbiota-driven improvements in cardiovascular disease after bariatric surgery." Milwaukee, WI 1/2023

25. MCW Weight Management Symposium, “Management of diabetes after metabolic surgery.” Milwaukee, WI 11/2023
26. Milwaukee Academy of Surgery Invited Speaker, “A surgeon primer on weight loss pharmacotherapy.” Milwaukee, WI 10/2024
27. University of Arizona College of Medicine Phoenix Grand Rounds, “Food for thought: a surgeon-physiologist’s slice on metabolic surgery.” Phoenix, AZ 12/2024

MEDICAL COLLEGE TEACHING ACTIVITIES:

Medical Student Education

10/2015 – 10/2017 Junior Medical Student Curriculum Bimonthly Obesity Lecture (6 hours/year)
7/2017-present 4th year elective director, Multidisciplinary Care of Obesity

Resident Education

03/2016 Presenter, Fundamentals of Minimally Invasive Surgery, PGY3-5 General Surgery residency core curriculum; (1 hour)
12/2023 Presenter, Fundamentals of Minimally Invasive Surgery, PGY2-5 General Surgery residency core curriculum; (1 hour)

Graduate Student Education

1/2024-05/2024 Co-director CTSI Master’s of Science in Clinical and Translational Research, Research Seminar Course

Community/Lay Public

02/2016 Froedtert Hospital/MCW, Community Education “Bariatric Surgery: Myths, Reality, and Results”

STUDENTS, FACULTY, RESIDENTS AND CLINICAL/RESEARCH FELLOWS MENTORED:

Medical Students

1. Brian Wright, MCW Scholarly Pathways Advisor; 2016-2017
 - Project: “Significant 12-month weight loss variability after sleeve gastrectomy: one surgery does not fit all.”
 - Poster presentation Obesity Week 2016, “Significant 12-month weight loss variability after sleeve gastrectomy: one surgery does not fit all.”
2. Jacob Patz, Medical Student Summer Research Program Advisor (MSSRP) and Scholarly Pathways Advisor; 2017-2019
 - Project: “The effect of peri-operative antibiotic drug class on the resolution rate of hypertension after Roux-en-Y gastric bypass and sleeve gastrectomy.”
 - Department of Surgery Fall Research Symposium 2017- podium presentation
 - MSSRP Student Poster Presentation- October 2017
 - Wisconsin Surgical Society Annual meeting 2017- podium presentation

- SAGES 2017 Annual meeting- E-poster presentation
- Manuscript accepted for publication Surgical Endoscopy
- 3. Hailey Hayes, MCW MSSRP and Masters of Science thesis advisor in Clinical and Translational Science, 2018-2021
 - Project: “The effect of farnesoid X receptor signaling in human isolated pluripotent stem cell derived cardiomyocytes.”
 - Department of Surgery Fall Research Symposium 2018- podium presentation, top podium presentation winner
 - Wisconsin Surgical Society Annual meeting 2018- podium presentation; Winner best basic science presentation
 - Manuscripts accepted for publication Surg Obes Relat Dis and Nutrients
- 4. Bridget Mais, MCW Scholarly Pathways Advisor, 2018-2019
 - Project: Pre-Operative Regional Anesthesia Blocks Reduce Post-Operative Narcotic Medication Usage After Roux-en-Y Gastric Bypass
 - Department of Surgery Fall Research Symposium 2018- podium presentation
 - Wisconsin Surgical Society Annual meeting 2018- Quickshot presentation
- 5. Emily Lopez, MCW Medical Student Summer Research Program Advisor, 2018-2020
 - Project: adolescent vs adult bariatric surgery post-operative outcomes from the MBSAQIP database
 - Quick-shot presentation Academic Surgical Congress 2020
 - Manuscript Accepted for Publication Journal of Surgical Research
- 6. Lucas Mathison, MCW Medical Student Summer Research Program and Scholarly Pathways Advisor, 2021-2023
 - Project: Impact of food insecurity impact on bariatric surgery retention and surgical outcomes
 - MSSRP Student Poster Presentation- October 2021
 - Department of Surgery Fall Research Symposium 2021- podium presentation
 - Wisconsin Surgical Society Annual meeting 2021- podium presentation
 - SAGES Annual meeting 2022- poster
 - Manuscript accepted for publication Journal of Surgical Research
- 7. Katie Chang, MCW Medical Student Summer Research Program Advisor, 2021-2023
 - Project: The accuracy of blood volume to accurately predict prophylactic enoxaparin dosing in morbid obesity
 - Department of Surgery Fall Research Symposium 2021- podium presentation
 - Wisconsin Surgical Society Annual meeting 2021- podium presentation
 - Academic Surgical Congress annual meeting 2022- podium presentation
 - Manuscript accepted for publication Journal of Surgical Research
- 8. Sona Perlin, MCW Medical Student Summer Research Program advisor, 2022-present

- Project: The impact of macronutrient composition on weight loss after RYGB
 - Department of Surgery Fall Research Symposium 2022- podium presentation
9. Elizabeth Welsch, MCW Medical Student Summer Research Program co-Advisor, 06/2023-present
- Project: Effect of sleeve gastrectomy on bile acids and gut bacteria in mice
 - Funded by 5T35 HL072483-38, MSSRP Short-term Training Grant Award
 - Wisconsin Surgical Society Annual meeting 2023- podium presentation
 - Academic Surgical Congress 2024- podium presentation
10. Micah Wildes, MCW Medical Student Pathways Program Advisor, 2023-present
- Project: Distressed Communities Index as a predictor of 30-day bariatric surgery complications
 - Department of Surgery Fall Research Symposium 2023- podium presentation
 - ASMBS Annual meeting 2024- poster presentation

Graduate Students

PhD Thesis Committee Member

1. Tyler Laib, MCW Microbiology and Immunology, 06/2023-present; Dissertation title: “Microbiome’s impact on salt-sensitive hypertension using the Dahl SS rat model”
2. Fatima Aboulalazm, MCW Microbiology and Immunology, 06/2023-present; Dissertation title: “Risperidone and the gut microbiome”
3. Matt Hadiono, MCW Microbiology and Immunology, Defense 5/2024; Dissertation title: “Modulation of gut microbial metabolism and energy expenditure by xenobiotics and bacterial metabolites”

Residents

1. Hope Wilkinson, MCW, 10/2018, Resident Research Elective
 - Project: comparison of super-super obesity to super obesity from the MBSAQIP database for post-operative outcomes
 - Manuscript publication, Obesity Surgery 1/2019
 - Project: Does center bariatric volume improve outcomes in laparoscopic general surgery procedures?
 - Manuscript publication, Journal of Obesity 2021
2. Sarah Suh, MCW, 7/2023-present, Post-doc research resident
 - Awarded NHLBI STARR R38 (PI: Widlanksy, mentor: Kindel)
 - Awarded Sages 2024 Research Grant Award
 - Awarded We Care Scholar 2024-2025

Faculty

1. Vance Albaugh, Pennington Biomedical Research Center, LSU, 7/2024-present, K08 Mentoring Advisory Team Member

2. Mitch Dyer, MCW, 7/2024-present, K08 Mentoring Advisory Team Member
3. Thomas Shin, UVA, 6/2024-present, ASMBS Surgical Mentoring Program

PROGRAM DEVELOPMENTS:

Clinical Programs

2015-present Froedtert Hospital/MCW/Children's Hospital of Wisconsin Adolescent Bariatric Surgery Program, MBSAQIP Accreditation in 2018

2016-present Froedtert Hospital/MCW End-stage renal disease Bariatric Surgery Program

2017-present Froedtert Hospital/MCW Advanced Mechanical Circulatory Support and Heart Failure in Bariatric Surgery

BIBLIOGRAPHY:

REFEREED JOURNAL PUBLICATIONS/ORIGINAL PAPERS

1. Troike D, Bradfield L, Buhiru J, Hogan V, **Venema T**, Nance R. Dehydroepiandrosterone (DHEA) increases serum sodium concentration in mice. Ohio Journal of Science 2001; 101:1-10.
2. Bhatt UY, Sferra TJ, Johnson A, Williams C, Shirey K, **Venema T**, Nahman NS. Glomerular beta-galactosidase expression following transduction with microsphere-adenoviral complexes. Kidney Int 2002; 6(s1):S68-72. PMID: 11841616.
3. Camacho D, Reichenbach D, Duerr GD, **Venema TL**, Sweeney JF, Fisher WE. Value of laparoscopy in the staging of pancreatic cancer. Journal of the Pancreas 2005; 6(6):552-61. PMID: 16286705.
4. **Kindel TL**, Yang Q, Yoder SM, Tso P. Nutrient-driven incretin secretion into intestinal lymph is different between diabetic, Goto-Kakizaki rats and Wistar rats. Am J Physiol Gastrointest and Liver Physiol 2009; 296(2):G168-74. Epub 2008 Dec 4. PMID: 19056762.
5. **Kindel TL**, Yoder SM, Seeley R, D'Alessio DA, Tso P. Duodenal-jejunal exclusion improves glucose tolerance in the diabetic, Goto-Kakizaki rat by a GLP-1 receptor mediated mechanism. J of Gastrointest Surg 2009 13:1762-72. Epub 2009 May 12. PMID: 19488823.
6. Yoder SM, Yang Q, **Kindel TL**, Tso P. Stimulation of incretin secretion by dietary lipid - is it dose-dependent? Am J Physiol Gastrointest Liver Physiol 2009; 297(2):G299-305. Epub 2009 Jun 11. PMID: 19520739.
7. **Kindel TL**, Yoder SM, D'Alessio DA, Tso P. The effect of duodenal-jejunal bypass on glucose-dependent insulinotropic polypeptide secretion in Wistar rats. Obes Surg 2010; 20(6):768-75. Epub 2010 Feb 23. PMID: 20177809.
8. Yoder, SM, **Kindel TL**, Tso P. Using the lymph fistula rat model to study incretin secretion. Vitam Horm 2010; 84:221-49. PMID: 21094902.
9. **Kindel TL**, Tso P. The mechanism of the formation and secretion of chylomicrons. Atherosclerosis Supplements 2010; 11(1):11-6. PMID: 20493784.
10. Lo CM, King A, Samuelson LC, **Kindel TL**, Rider T, Jandacek RJ, Raybould HE, Woods SC, Tso P. Cholecystokinin knockout mice are resistant to high-fat diet-induced obesity. Gastroenterology 2010; 138(5):1997-2005. Epub 2010 Feb 1. PMID: 20117110.

11. Yoder SM, Yang Q, **Kindel TL**, Tso P. Differential responses of the incretin hormones GIP and GLP-1 to increasing doses of dietary carbohydrate but not dietary protein in lean rats. *Am J Physiol Gastrointest Liver Physiol* 2010; 299(2):G476-85. Epub 2010 Jun 3. PMID: 20522638.
12. **Kindel TL**, Martins P, Yoder SM, Seeley RJ, D'Alessio DA, Obici S, Tso P. Bypassing the duodenum does not improve insulin resistance associated with diet-induced obesity in rodents. *Obesity* 2011; 19(2):380-7. Epub 2010 Oct 28. PMID: 21030948.
13. Wang F, Kohan AB, **Kindel TL**, Corbin KL, Nunemaker CS, Obici S, Woods SC, Davidson WS, Tso P. Apolipoprotein A-IV improves glucose homeostasis by enhancing insulin secretion. *Proc Natl Acad Sci USA* 2012; 109(24):9641-6. Epub 2012 May 22. PMID: 22619326.
14. **Kindel TL**, Martin E, Hungness E, Nagle A. High failure rate of the laparoscopic-adjustable gastric band as a primary bariatric procedure. *Surg Obes Relat Dis* 2014; 10(6):1070-5. Epub 2013 Dec 6. PMID: 24630503.
15. **Kindel TL**, MacGregor K, Keswani R, Mahvi D. Endoscopic closure of a post-operative duodenal fistula. *CRSLS* e2014.00368.
16. Wang F, Yoder SM, Yang Q, Kohan AB, **Kindel TL**, Wang J, Tso P. Chronic High-Fat Feeding Increases GIP and GLP-1 Secretion without Altering Body Weight. *Am J Physiol Gastrointest Liver Physiol* 2015; 309(10):G807-15. Epub 2015 Sep 3. PMID: 26336929.
17. **Kindel TL**, Lomelin D, McBride C, Kothari V, Oleynikov D. Plateaued national utilization of adolescent bariatric surgery despite increasing prevalence of obesity-associated co-morbidities. *Surg Obes and Relat Dis* 2016; 12(4):868-73. Epub 2015 Sept 21. PMID: 26775046.
18. Zucker SD, Vogel ME, **Kindel TL**, Smith DLH, Idelman G, Avissar U, Kakarlapudi G, Masnovi M. Bilirubin prevents acute DSS-induced colitis by inhibiting leukocyte infiltration and suppressing up-regulation of inducible nitric oxide synthase. *Am J Physiol Gastrointest Liver Physiol* 2015; 309(10):G841-54. PMID: 26381705.
19. **Kindel T**, Latchana N, Swaroop M, Chaudhry UI, Noria SF, Choron RL, Seamon MJ, Lin MJ, Mao M, Cipolla J, El Chaar M, Scantling D, Martin ND, Evans DC, Papadimos TJ, Stawicki SP. Laparoscopy in trauma: An overview of complications and related topics. *Int J Crit Illn Inj Sci* 2015; 5(3):196-205. PMID: 26557490.
20. **Kindel T**, Oleynikov D. The improvement of gastroesophageal reflux disease and Barrett's after bariatric surgery. *Obes Surg* 2016; 26(4):718-20. PMID: 26979967.
21. **Kindel T**, Lomelin D, McBride C, Kothari V, Thompson J. The time to weight-loss steady state after gastric bypass predicts weight-loss success. *Obes Surg* 2016; 26(2):327-31. PMID: 26055551.
22. **Kindel TL**, Foster T, Goldspink P, Kindel SJ, Corbett J, Widlansky M, Strande J. Early weight loss independent effects of sleeve gastrectomy on diet-induced cardiac dysfunction in obese, Wistar rats. *Obesity Surgery* 2017; 27(9):2370-2377. PMID: 28299572.
23. Szewczyk J, Giannone J, Marcuard S, **Kindel T**, Tso P, Nolan R. "Colonic delivery of nutrients for management of blood glucose in type 2 diabetes patients." *Functional Foods in Health and Disease* 2017; 7(1):36-53.

24. Helm MC, Simon K, Higgins R, **Kindel TL**, Gould JC. Perioperative complications increase the risk of venous thromboembolism following bariatric surgery. *Am J Surg* 2017; 214(6):1135-1140. Epub 2017 Sept 20. PMID: 28958647.
25. **Kindel TL**, Krause C, Helm MC, McBride CL, Oleynikov D, Thakare R, Almoudi J, Kothari V, Alnouti Y, Kohli R. Increased glycine-amidated hyocholic acid correlates to improved early weight loss after sleeve gastrectomy. *Surg Endosc* 2018; 32(2):805-812. Epub 2017 Aug 4. PMID: 28779240.
26. **Kindel TL**, Strande JL. Bariatric Surgery as a Treatment for Heart Failure: Review of the Literature and Potential Mechanisms. *Surg Obes Relat Dis* 2018; 14(1):117-122. Epub 2017 Oct 2. PMID: 29108893.
27. Nielsen AW, Helm MC, **Kindel T**, Higgins R, Lak K, Helmen ZM, Gould JC. Perioperative bleeding and blood transfusion are major risk factors for venous thromboembolism following bariatric surgery. *Surg Endosc* 2018 May; 32(5):2488-2495. Epub 2017 Nov 3. PMID: 29101558.
28. Higgins RM, Helm M, Gould JC, **Kindel TL**. Preoperative immobility significantly impacts the risk of postoperative complications in bariatric surgery patients. *Surg Obes Relat Dis* 2018; 14(6): 842-848. Epub 2018 Mar 5; PMID: 29599072.
29. Roadman D, Helm M, Goldblatt MI, Kastenmeier A, **Kindel TL**, Gould JC, Higgins RM. Postoperative urinary retention after laparoscopic total extraperitoneal inguinal hernia repair. *J Surg Res* 2018 Nov;231:309-315. Epub 2018 Jun 27. PMID: 30278946.
30. Villard MA, Helm MC, **Kindel TL**, Goldblatt MI, Gould JC, Higgins RM. C-Reactive protein as a predictor of post-operative complications in bariatric surgery patients. *Surg Endosc* 2019; 33(8):2479-2484. Epub 2018 Oct 19. PMID: 30341654.
31. Reneau J, Goldblatt M, Gould J, **Kindel T**, Kastenmeier A, Higgins R, Rengel LR, Schoyer K, James R, Obi B, Moosreiner A, Nicholson K, Sahoo D, Kidambi S. Effect of adiposity on tissue-specific adiponectin secretion. *Plos One* 2018; 13(6):e0198889. eCollection 2018. PMID: 29924924.
32. Clark LN, Helm MC, Higgins R, Lak K, Kastenmeier A, **Kindel T**, Goldblatt M, Gould JC. The impact of preoperative anemia and malnutrition on outcomes in paraesophageal hernia repair. *Surg Endosc* 2018; 32(11):4666-4672. PMID: 29934871.
33. Helmen ZM, Helm MC, Helm JH, Nielsen A, **Kindel T**, Higgins R, Gould JC. Predictors of postoperative urinary tract infection after bariatric surgery. *Obes Surg* 2018; 28(7):1950-1954. PMID: 29318506.
34. Lak KL, Helm MC, **Kindel TL**, Gould JC. Metabolic syndrome is a significant predictor of postoperative morbidity and mortality following bariatric surgery. *J Gastrointest Surg* 2019; 23(4):739-744. Epub 2018 Nov 14. PMID: 30430431.
35. Higgins RM, Helm MC, **Kindel TL**, Gould JC. Perioperative blood transfusion increase risk of surgical site infection after bariatric surgery. *Surg Obes Relat Dis* 2019; 15(4):582-587. Epub 2019 Jan 31. PMID: 30803881.
36. Patz JJ, Helm MC, Higgins RM, Goldblatt MI, Gould JC, **Kindel TL**. Peri-operative, intravenous, clindamycin may improve the resolution rate of hypertension after Roux-en-Y gastric bypass in morbidly obese patients. *Surg Endosc* 2019; 33(12):3984-3989. Epub 2019 Feb 7. PMID: 30734082.
37. Lak KL, Helm MC, Higgins RM, **Kindel TL**, Gould JC. Preoperative functional health status is a predictor of short term post-operative morbidity and mortality after bariatric surgery. *Surg Obes Relat Dis* 2019; 15(4):608-614. Epub 2019 Feb 15. PMID: 30850305.

38. Barr AC, Lak KL, Helm MC, **Kindel TL**, Higgins RM, Gould JC. Linear vs. circular-stapled gastrojejunostomy in Roux-en-Y gastric bypass. *Surg Endosc* 2019; 33(12):4098-4101. Epub 2019 Feb 25. PMID: 30805785.
39. Aleassa EM, Khorgami Z, **Kindel TL**, Tu C, Tang WHW, Schauer PR, Brethauer SA, Aminian A. Impact of bariatric surgery on heart failure mortality. *Surg Obes Relat Dis* 2019; 15(7):1189-1196. Epub 2019 Mar 22. PMID: 31147281.
40. Hayes H, Patz J, Corbett J, Afzal MZ, Strande J, **Kindel TL**. Sleeve gastrectomy in obese Wistar rats improves diastolic function and promotes cardiac recovery independent of weight loss. *Surg Obes Relat Dis* 2019; 15(6):837-842. Epub 2019 Mar 23. PMID: 31101567.
41. Wallace L, Horecki EK, Helm MC, Higgins RM, Gould JC, Lak K, **Kindel TL**. Buyer's remorse: what predicts post-decision dissonance after bariatric surgery? *Surg Obes Relat Dis* 2019; 15(7):1182-1188. Epub 2019 Mar 26. PMID: 31104956.
42. Helm JH, Helm MC, **Kindel TL**, Gould JC, Higgins RM. Blood transfusions increase the risk of venous thromboembolism following ventral hernia repair. *Hernia* 2019; 23(6):1149-1154. Epub 2019 Mar 28. PMID: 30923979.
43. Wilkinson KH, Helm M, Lak K, Higgins RM, Gould JC, **Kindel TL**. The Risk of Post-operative Complications in Super-Super Obesity Compared to Super Obesity in Accredited Bariatric Surgery Centers. *Obes Surg* 2019; 29(9):2964-2971. PMID: 31134478.
44. **Kindel T**, Foster T, Harman L, Strande J. Sleeve Gastrectomy in obese, Zucker rats restores cardiac function and geometry towards a lean phenotype independent of weight-loss. *J Card Fail* 2019; 25(5):372-379. Epub 2019 Apr 5. PMID: 30959096.
45. Samuels TL, Altman KW, Gould JC, **Kindel T**, Bosler M, MacKinnon A, Hagen CE, Johnston N. Esophageal pepsin and proton pump synthesis in barrett's esophagus and esophageal adenocarcinoma. *Laryngoscope* 2019; 129(12):2687-2695. Epub 2019 May 2. PMID: 31046139.
46. Roadman D, Helm M, Goldblatt MI, **Kindel TL**, Gould JC, Higgins RM. Postoperative Urinary Retention After Bariatric Surgery: An Institutional Analysis. *J Surg Res* 2019; 243:83-89. Epub 2019 Jun 3. PMID: 31170554.
47. Benjamin MM, Sundararajan S, Sulaiman S, **Kindel T**, Joyce D, Mohammed AA. Testing the obesity paradox in patients on long-term milrinone infusion for end-stage heart failure. *Am J Cardiovasc Dis* 2019; 9(4):59-64. eCollection 2019. PMID: 31516764.
48. Suh S, Helm M, **Kindel TL**, Goldblatt MI, Gould JC, Higgins RM. The impact of nausea on post-operative outcomes in bariatric surgery patients. *Surg Endosc* 2020; 34(7):3085-3091. Epub 2019 Aug 6. PMID: 31388805.
49. Nasser H, Munie S, **Kindel TL**, Gould JC, Higgins RM. Comparative analysis of robotic versus laparoscopic revisional bariatric surgery: perioperative outcomes from the MBSAQIP database. *Surg Obes Relat Dis* 2020; 16(3):397-405. Epub 2019 Dec 3. PMID: 31932204.
50. Lopez EH, Munie S, Higgins R, Gould J, **Kindel T**. Morbidity and mortality after bariatric surgery in adolescents versus adults. *J Surg Res* 2020; 256:180-186. Epub 2020 Jul 22. PMID: 32711173.

51. Barron M, Atkinson S, Kirby J, **Kindel T**. Sleeve gastrectomy prevents hypertension associated with unique shifts in the gut microbiome. *Surg Endos* 2021; 35(10):5461-5467. Epub 2020 Sep 28. PMID: 32989546.
52. Wilkinson KH, Wu R, Szabo A, Higgins R, Gould J, **Kindel T**. The effect of bariatric surgery volume on general surgery outcomes for morbidly obese patients. *J of Obesity* 2021; 2021:8945091. eCollection 2021. PMID: 34754518.
53. Suh S, Hetzel E, Alter-Troilo K, Lak K, Gould JC, **Kindel TL**, Higgins RM. The influence of preoperative carbohydrate loading on postoperative outcomes in bariatric surgery patients: a randomized, controlled trial. *Surg Obes Relat Dis* 2021; 17(8):1480-1488. Epub 2021 Apr 24. PMID: 34016554.
54. Ford J, **Kindel T**, Higgins RM, Lak KL, Hetzel E, Gould JC. Examining current patterns of opioid prescribing and use after bariatric surgery. *Surg Endosc* 2022; 36(4):2564-2569. Epub 2021 May 12. PMID: 33978853.
55. **Kindel TL**, Ganga RR, Baker JW, Noria SF, Jones DB, Omotosho P, Volckmann ET, Williams NN, Telem DA, Petrick AT, Gould JC; ASMBS Quality Improvement and Patient Safety Committee. American Society for Metabolic and Bariatric Surgery: Pre-operative care pathway for laparoscopic Roux-en-Y gastric bypass. *Surg Obes Relat Dis* 2021; 17(9):1529-1540. Epub 2021 May 17. PMID:34148848.
56. **Kindel TL**, Higgins RM, Lak K, Gould J, Baumann Kreuziger L, Mohammed A, Gaglianella N, Ishizawa D. Bariatric surgery in patients with advanced heart failure: A proposed multi-disciplinary pathway for surgical care in medically complex patients. *Surgery* 2021; 170(3):659-663. Epub 2021 May 27. PMID: 34052027.
57. Riedl RA, Burnett CML, Pearson NA, Reho JJ, Mokadem M, Edwards RA, **Kindel TL**, Kirby JR, Grobe JL. Gut microbiota represent a major thermogenic biomass. *Function* 2021; 2(3):zqab019. eCollection 2021. PMID: 33939772.]
58. Albaugh VL, **Kindel TL**, Nissen SE, Aminian A. Cardiovascular risk reduction following metabolic and bariatric surgery. *Surg Clin North Am* 2021; 101(2):269-294. PMID: 33743969.
59. Sridhar N, Hetzel E, **Kindel TL**, Gould JC, Higgins RM. The impact of hemoglobin A1C on post-operative outcomes in bariatric surgery patients. *J Surg Res* 2021; 267:636-641. Epub 2021 July 14. PMID: 34273793.
60. Vosburg RW, Pratt JSA, **Kindel T**, Rogers AM, Kudav S, Banerjee A, Hernandez E, Athanasiasdis D, Fischer LE, Hayes K, Shin TH, Aminian A, Kim JJ. Bariatric surgery is safe for patients after recovery from COVID-19. *Surg Obes Relat Dis* 2021; 17(11):1884-1889. Epub 2021 July 31. PMID: 34446386.
61. **Kindel TL**, Dirks RC, Collings AT, Scholz S, Abou-Setta AM, Alli VV, Ansari MT, Awad Z, Broucek J, Campbell A, Cripps MW, Hollands C, Lim R, Quinteros F, Ritchey K, Whiteside J, Zagol B, Pryor AD, Walsh D, Haggerty S, Stefanidis D. Guidelines for the performance of minimally invasive splenectomy. *Surg Endosc* 2021; 35(11):5877-5888. Epub 2021 Sept 27. PMID: 34580773.
62. Petcka NL, Alter-Troilo K, Hetzel E, Higgins RM, Lak KL, Gould JC, **Kindel TL**, Kastenmeier AS, Goldblatt MI. Transversus abdominis plane blocks for complex abdominal wall reconstruction decrease hospital length of stay compared to epidurals. *Surg Endosc* 2022; 36(10):7722-7730. Epub 2022 Feb 22. PMID: 35194667.
63. Chandratre SR, Smith NJ Walsh RW, **Kindel T**, Sundararajan SK, Joyce DL, Mohammed A. Isolated left ventricular assist device implantation produces variable

- changes to patient body mass index. *Artif Organs* 2022; 46(8):1597-1607. Epub 2022 Mar 17. PMID: 35261065.
64. Barron M, Hayes H, Fernando DG, Geurts AM, **Kindel TL**. Sleeve gastrectomy improves high-fat diet-associated hepatic steatosis independent of the glucagon-like-peptide-1 receptor in rats. *J Gastrointest Surg* 2022; 26(8):1607-1618. Epub 2022 May 26. PMID: 35618993.
 65. Fernando DG, Saravia FL, Atkinson SA, Barron M, Kirby JR, **Kindel TL**. A single, peri-operative antibiotic can persistently alter the post-operative gut microbiome after Roux-en-Y gastric bypass. *Surg Endosc* 2023; 37(2):1476-1486. Epub 2022 Jun 29. PMID: 35768736.
 66. Tan WH, Ford J, **Kindel T**, Higgins RM, Lak K, Gould JC. Implementation of a standardized multimodal pain regimen significantly reduces postoperative inpatient opioid utilization in patients undergoing bariatric surgery. *Surg Endosc* 2023; 37(4):3103-3112. Epub 2022 Aug 4. PMID: 35927346.
 67. Echeverri C, Collins M, **Kindel T**, Petrick A, Jones DB. Bariatric surgeon perceptions of the safety of same-day sleeve gastrectomy in the state of Massachusetts *Surg Obes Relat Dis* 2023; 19(5):451-457. Epub 2022 Nov 1. PMID: 36702648.
 68. Giannopoulos S, Kapsampelis P, Pokala B, Nault Connors JD, Hilgendorf W, Timsina L, Clapp B, Ghanem O, **Kindel TL**, Stefanidis D. Bariatric Surgeon Perspective on Revisional Bariatric Surgery (RBS) for Weight Recurrence. *Surg Obes Relat Dis* 2023; 19(9):972-979. Epub 2023 Mar 15. PMID: 37061437.
 69. Chang CK, Higgins RM, Rein L, Peppard WJ, Herrmann DJ, **Kindel T**. Effectiveness of Body Mass Index-Based Prophylactic Enoxaparin Dosing in Bariatric Surgery Patients. *J Surg Res* 2023; 287:168-175. Epub 2023 Mar 16. PMID: 36933548.
 70. Xu TQ, **Kindel TL**. The role of weight control in the management of type 2 diabetes mellitus: bariatric surgery. *Diabetes Res Clin Pract* 2023; 199:110667. Epub 2023 Apr 8. PMID: 37037264.
 71. Mathson LR, Lak KL, Gould JC, Higgins RM, **Kindel TL**. The Association of Preoperative Food Insecurity with Early Postoperative Outcomes After Bariatric Surgery. *J Surg Res*. 2024; 294: 51-57. Epub 2023 Oct 19. PMID: 37864959.
 72. Hilt L, Sherman B, Tan WH, Lak K, Gould JC, **Kindel TL**, Higgins RM. **Bariatric Surgeon Ergonomics: A Comparison of Laparoscopy and Robotics.** *J Surg Res* 2024; 295:864-873. Epub 2023 Nov 13. PMID: 37968140.
 73. Barron M, Hayes H, Bice Z, Pritchard K, **Kindel TL**. Sleeve Gastrectomy Provides Cardioprotection from Oxidative Stress In Vitro Due to Reduction of Circulating Myeloperoxidase. *Nutrients* 2023; 15(22):4776. Epub 2023 Nov 14. PMID:38004170.
 74. Saleh T, Ford J, **Kindel T**, Higgins R, Lak K, Gould J, Tan WH. Inpatient opioid use and pain control after robotic versus laparoscopic sleeve gastrectomy. *Surgery* 2024; 175(3):599-604. Epub 2023 Nov 18. PMID: 37981549.
 75. Morselli LL, Amjad R, James R, **Kindel TL**, Kwitek AE, Williams JS, Grobe JL, Kidambi S. Diet in food insecurity: a mediator of metabolic health? *J Endocrin Soc* 2024; 8(6):bvae062. eCollection 2024 Apr 6. PMID: 38623381.
 76. **Kindel TL**, Funk LM, Ghaferi AA. Metabolic Surgery for Diabetes Management. *JAMA Surg* 2024; 159(6):602-603. PMID: 38568511.
 77. Borlaug BA, **Kindel TL**. Obesity and Heart Failure: A new era begins. *J Card Fail* 2024; 30(8):1063-1064. Epub 2024 Mar 4. PMID: 38447633.

78. Josephson M, Turbati MS, Gould JC, **Kindel TL**, Higgins RM. Sociodemographic factors leading to preventable emergency department visits after bariatric surgery: a single-institution analysis. *Surg Obes Relat Dis* 2024; 20(11):1130-1138. Epub 2024, June 4. PMID:38960826
79. Ghosn W, Mosleh KA, Hage K, Salame M, Gala K, Edwards MA, **Kindel TL**, Ghanem OM. A comprehensive analysis of health care Inequities in randomized clinical trials following bariatric surgeries. *Am J Surg* 2024; 8:115796. Epub 2024, Jun 8. PMID: 38871550.
80. Turbati MS, **Kindel TL**, Higgins RM. Identifying the optimal STOP-Bang screening score for obstructive sleep apnea among bariatric surgery patients. *Surg Obes Relat Dis* 2024; 20(11):1154-1162. Epub 2024 June 18. PMID: 38987026.
81. Lin H, Baker JW, Meister K, Lak K, Martin del Campo S, Smith A, Needleman B, Nadzam G, Ying LD, Varban O, Reyes AM, Breckenbridge J, Tabone L, Gentles C, Echeverri C, Jones SB, Gould J, Vosburg W, Jones DB, Edwards M, Nimeri A, **Kindel T**, Petrick A. American society for metabolic and bariatric surgery: intra-operative care pathway for minimally invasive Roux-en-Y gastric bypass. *Surg Obes Relat Dis* 2024; 20(10):895-909. Epub 2024, June 19; PMID: 39097472.
82. Barron M, Fernando DG, Atkinson SN, Kirby J, **Kindel TL**. Sleeve gastrectomy protects against hypertension in rats due to changes in the gut microbiome. *J Surg Res* 2024; 301:118-126. Epub 2024, Jun 25. PMID: 38925098.
83. Spaniolas K, Pryor A, Stefanidis D, Giannopoulos S, Miller PR, Spencer AL, Docimo S, DuCoin C, Ross SW, Schiffern L, Reinke C, Sherrill W, Nahmias J, Manasa M, **Kindel T**, Wijekulasooriyage D, Cardinali L, Di Saverio S, Yang J, Liao Y. Multisociety research collaboration: timing of cholecystectomy following cholecystostomy drainage for acute cholecystitis. *Surg Endosc* Epub 2024; 38(10):6053-6059 Aug 12. PMID: 39134720.
84. Wildes MP, Fernando DG, Grobe CC, Reho JJ, Grobe JL, Kidambi S, **Kindel TL**, Kwitek AE, Segar JL, Williams JS, Morselli LL. Long-term metabolic dysfunction programming in female mice by serial moderate restriction of high fat high sucrose diet. *Endocrinology* 2024. 165(10):bqae117. Epub 2024 Sept 5. PMID: 39236000.
85. Arshad SA, Clapp B, Samreen S, Noria SF, Edwards M, **Kindel TL**. The safety profile of one-anastomosis gastric bypass compared to Roux-en-Y gastric bypass: a Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program analysis. *Surg Obes Relat Dis* 2024. 20(12):1351-1358. Epub 2024 Sept 10. PMID: 39368962.
86. **Kindel TL**, Wang AY, Wadhwa A, et al. Multi-society clinical practice guidance for the safe use of glucagon-like peptide-1 receptor agonists in the perioperative period. *Surg Endosc* 2024. Epub 2024 Oct 29. PMID: 39370500.
87. **Kindel TL**, Wang AY, Wadhwa A, et al. Multi-society clinical practice guidance for the safe use of glucagon-like peptide-1 receptor agonists in the perioperative period. *Surg Obes Relat Dis* 2024; 20(12):1183-1186. Epub 2024 Oct 29. PMID: 39482213.
88. **Kindel TL**, Wang AY, Wadhwa A, et al. Multi-society clinical practice guidance for the safe use of glucagon-like peptide-1 receptor agonists in the perioperative period. *Clin Gastroenterol Hepatol* 2024. Epub 2024 Oct 29. PMID: 39480373.
89. Joshi GP, LaMasters T, **Kindel TL**. Preprocedure care of patients on glucagon-like peptide-1 receptor agonists: A multisociety clinical practice guidance. *Anesthesiology* 2024; 141(6):1208-1209. Epub 2024 Oct 29. PMID: 39471342.

90. Varban OA, Petersen S, Stricklen A, **Kindel T**, Noria S, Edwards MA, Petrick A, Obeid N, Finks JF, Carlin AM. Impact of same-day sleeve gastrectomy surgery on postoperative emergency department visits: analysis of the Michigan Bariatric Surgery Collaborative. *Surg Obes Relat Dis* 2024; Epub 2024 Dec 9. PMID: 39730271. Online ahead of print.
91. Sakurai Y, Balakrishnan P, Kuno T, Yokoyama Y, Bowels M, Takagi H, Denning DA, Nease DB, **Kindel TL**, Munie S. Comparative survival of sleeve gastrectomy versus Roux-en-Y gastric bypass in adults with obesity: a systematic review and meta-analysis. *Surg Obes Relat Dis* 2024; Epub 2024 Dec 9. PMID: 39732586. Online ahead of print.
92. Kumar SS, Wunker C, Collings A, Bansal V, Zampou T, Chang J, Rodriguez N, Sabour A, Hilton LR, Ghanem OM, Kushner BS, Loss LF, Aleassa EM, Haskins IN, Ayloo S, Reid A, Overby DW, Hallowell P, **Kindel TL**, Slater BJ, Palazzo F. SAGES guidelines for the management of comorbidities relevant to metabolic and bariatric surgery. *Surg Endosc* 2024; Epub 2024 Dec 11. PMID: 39663246. Epub ahead of print.
93. Edwards MA, Powers K, Vosburg RW, Zhou R, Stroud A, Obeid NR, Pilcher J, Levy S, McArthur K, Basishvili G, Rosenbluth A, Petrick A, Lin H, **Kindel T**. American Society for Metabolic and Bariatric Surgery: postoperative care pathway guidelines for Roux-en-Y gastric bypass. *Surg Obes Relat Dis* 2025; Epub 2025 Jan 24. PMID:39965985.
94. Wunker C, Kumar S, Hallowell P, Collings A, Loss L, Bansal V, Kushner B, Zoumpou T, **Kindel TL**, Overby DW, Chang J, Ayloo S, Sabour AF, Ghanem OM, Aleassa E, Reid A, Rodriguez N, Haskins IN, Hilton LR, Slater BJ, Palazzo F. Bariatric surgery and relevant comorbidities: a systematic review and meta-analysis. *Surg Endosc* 2025; Epub 2025 Feb 7. PMID: 39920373. Epub ahead of print.
95. Kumar SS, Wunker C, Collings A, Bansal V, Zoumpou T, Chang J, Rodriguez N, Sabour A, Hilton LR, Ghanem OM, Kushner BS, Loss LJ, Aleassa EM, Haskins IN, Ayloo S, Reid A, Overby DW, Hallowell P, **Kindel TL**, Slater BJ, Palazzo F. Correction: SAGES guidelines for the management of comorbidities relevant to metabolic and bariatric surgery. *Surg Endosc* 2025; 39(2):1407. PMID: 39806183.
96. Calabrese EC, Kumar SS, Kohn GP, Maddern G, Babidge W, Slater BJ, **Kindel TL**. Society of American Gastrointestinal and Endoscopic Surgeons guidelines development: Clinical Practice Guideline Update Standard Operating Procedure. *Surg Endosc* 2025; 39(2):716-720. PMID: 39806181

BOOKS, CHAPTERS & REVIEWS

BOOKS, CHAPTERS & REVIEWS

1. Book: Hernia Surgery, 2016 ed. Yuri Novitsky
Chapter: Laparoscopic Total Extra-peritoneal Inguinal Hernia Repair, pp 61-466.
2. Authors: **Tammy Kindel MD, PhD** and Dmitry Oleynikov MD Book: Atlas of Esophageal Surgery
Chapter 8. Paraesophageal Hernia Repair and Collis Gastroplasty, pp 63-73.
Authors: Jennifer Jolley MD, **Tammy Kindel MD, PhD**, and Dmitry Oleynikov MD
3. Book: Gastrointestinal and Liver Disorders in Women's Health, 1st ed 2019
Chapter 12: Obesity and Bariatric Surgery
Authors: Semeret Munie MD, **Tammy Kindel MD, PhD**
4. Book: Difficult Decisions in Bariatric Surgery, 2020 ed. John Alverdy, Yalini Vigneswaran;

Chapter: Does weight loss prior to surgery accurately predict success following bariatric surgery?

Authors: Maria Linnaus MD, **Tammy Kindel, MD, PhD**

5. Book: Surgical Clinics Emerging Bariatric Surgical Procedures, 1st ed 2021
Chapter 8: Cardiovascular risk reduction following bariatric surgery
Authors: Vance Albaugh, **Tammy Kindel**, Steven Nissen, Ali Aminian
6. Commentary for Mastery of Surgery textbook (5 chapters: diabetes and other metabolic diseases, minimally invasive Roux-en-Y gastric bypass, sleeve gastrectomy, management of acute complications of bariatric surgery, revisions of bariatric procedures for inadequate weight loss and weight regain), 2023
7. Tan WH, **Kindel T**, Nissen S, Schauer PR. Ch 45. Cardiovascular Outcomes in Metabolic Surgery. Handbook of Obesity, Vol 2, 2023
8. Online CME learning module: ACS Current Trends in General Surgery. Sections: Bariatric Surgery, Bariatric Surgery Complications, 07/2024.
9. Online learning module: Focused Bariatric Designation 2025 course MBS: MBS in patients with heart failure and high cardiac risk. 01/2025
10. Co-editor, Mastery of Minimally Invasive Surgery 5th edition (Soper, Swanstrom, Auyang, Kindel) in progress with Wolters Kluwer Health, Inc publisher
11. Book: SAGES Manual of Bariatric Surgery (eds Ghanem, Husain, Chen, Lim, Kroh)
Chapter 15: The genetic and microbial influences in obesity and obesity management
Authors: Sarah Suh, **Tammy Kindel**
12. Book: Cardiometabolic Surgery, 1e, 2025 (eds Schauer, Rubino, Eckel, Dan)
Chapter 39: Mechanisms for improvement of cardiovascular health
Authors: Andrew Kim, Maximiliano Magallanes, **Tammy Kindel**
13. Book: Textbook of Paediatric Metabolic & Bariatric Surgery (eds Desai and Parmar)
Chapter 10: Type 2 Diabetes and Obesity
Authors: Denise Kilway, Bethany Auble, **Tammy Kindel**
14. Book: ASMBS Textbook 3rd Edition (eds Ponce, Brethauer, LaMasters, Hutter, Rogers, Morton)
Chapters 7 and 64: Gut hormone changes after bariatric metabolic surgery; Heart Failure
Authors: Sarah Suh (Ch 64), Brexton Turner (Ch 7), **Tammy Kindel**

EDITORIALS, LETTERS TO EDITOR, OTHER

1. **Kindel TL**, Gould J. Comment on: effects of sleeve gastrectomy on the composition and diurnal oscillation of gut microbiota related to the metabolic improvements. Surg Obes Relat Dis 2018; 14(6): 739-740. Epub 2018 Mar 23. PMID: 29678349.
2. **Kindel TL**. Paired editorial: metabolic surgery ameliorates cardiovascular risk in obese diabetic patients: influence of different surgical procedures. Surg Obes Relat Dis 2018; 14(12):1841-1842. Epub 2018 Oct 25. PMID: 30545594.
3. **Kindel TL**. Comment on: Predictive factors of complications in revisional gastric bypass surgery: results from the Scandinavian Obesity Surgery Registry: "Roping In" the Wild West. Surg Obes Relat Dis 2020; 16(1):e3-e4. Epub 2019 Oct 31. PMID: 31796296.
4. **Kindel TL**. Comment on: Relationship between bariatric surgery outcomes and the preoperative gastrointestinal microbiota: a cohort study. Surg Obes Relat Dis 2021; 17(5):899-900. Epub 2021 Feb 16. PMID: 33753009.

5. **Kindel TL.** Comment on: Routine preoperative resting echocardiography does not predict adverse cardiopulmonary events after bariatric surgery. *Surg Obes Relat Dis* 2021; 17(6):1138-1139. Epub 2021 Feb 24. PMID: 33789830.
6. **Kindel TL.** Comment on: Roux-en-Y gastric bypass as a salvage solution for severe and refractory gastroparesis in malnourished patients. *Surg Obes Relat Dis* 2022; 18(5):e26-e27. Epub 2022 Feb 16. PMID:35300910.
7. **Kindel TL.** Comment on: Long-term improvement of adipocyte insulin action during body weight relapse after bariatric surgery: a longitudinal cohort study. *Surg Obes Relat Dis* 2022; 18(6):692-693. Epub 2022 Mar 18. PMID: 35418326.
8. **Kindel TL.** Comment on: Effect of Metabolic Surgery on Immunosuppressive Medication Use in Patients with Rheumatic Diseases. *Surg Obes Relat Dis* 2023; 19(1):35-36. Epub 2022 Sep 21. PMID: 36274016.
9. **Kindel TL.** Comment on: Extended Postoperative Venous Thromboembolism Prophylaxis after Bariatric Surgery: A Comparison of Existing Risk Stratification Tools and 5-Year MBSAQIP Analysis. *Surg Obes Relat Dis* 2023; 19(8):816-817. Epub 2023 May 20. PMID: 37349219.
10. **Kindel TL.** Comment on: Association of prior bariatric surgery with outcomes following emergency general surgery. *Surg Obes Relat Dis* 2024; 20(7):668-669. Epub 2024 Mar 11. PMID: 38614926.

NON-REFEREED JOURNAL PUBLICATIONS/ORIGINAL PAPERS

1. **Kindel TL, McBride CM.** “Acute Complications of Bariatric surgery.” *Bariatric Times*. May 2015.

ABSTRACTS

Oral Presentations (First or Last author only)

1. **Kindel TL, Yoder SM, D’Alessio DA, Tso P.** “The hindgut improves glucose homeostasis after metabolic surgery independent of weight loss and insulin secretion in the Goto-Kakizaki rat.” Presidential plenary session, Digestive Disease Week, Society for Surgery of the Alimentary Tract, June 2009.
2. **Kindel TL, Yoder SM, D’Alessio DA, Seeley R, Tso P.** “Duodenal-jejunal exclusion improves glucose tolerance in the diabetic, Goto-Kakizaki rat by a GLP-1 receptor mediated mechanism.” Edelstone-Bendix Research Day, Northwestern Department of Surgery, June 2009.
3. **Kindel TL, Martins P, Yoder SM, Seeley RJ, D’Alessio DA, Obici S, Tso P.** “Bypassing the duodenum does not improve insulin resistance associated with diet-induced obesity in rodents.” Surgical Forum, American College of Surgeons Clinical Congress, October 2010.
4. **Kindel TL, Martin E, Hungness E, Nagle A.** “Fifty percent long-term failure rate of the laparoscopic-adjustable gastric band as a primary bariatric procedure.” Scientific Sessions, Obesity Week 2013.
5. **Kindel TL, Tadaki C, Jones R, Oleynikov D.** “Laparoscopic repair of a Morgagni hernia.” Video presentation, American College of Surgeons Clinical Congress, October 2014.

6. **Kindel TL**, Kothari V, McBride C, Thompson JS. “The time to weight-loss steady state after gastric bypass predicts long-term weight loss success.” Scientific Sessions, Obesity Week 2014.
7. **Kindel TL**, Oleynikov D. “Laparoscopic repair of a Traumatic Diaphragmatic Hernia.” Video presentation, SAGES 2015.
8. **Kindel TL**, Lomelin D, Oleynikov D. “Impact of Hospital Case Volume of Robotic-assisted Laparoscopic Prostatectomy on Patient Safety.” Quick Shot, Academic Surgical Congress 2015.
9. **Kindel TL**, Jolley J, Kothari V, Oleynikov D. “Plateaued utilization of adolescent bariatric surgery despite increasing prevalence of obesity-associated co-morbidities: A National Inpatient Sample trends analysis.” Quick Shot, Digestive Disease Week 2015.
10. **Kindel TL**, Krause C, Helm M, McBride C, Oleynikov D, Thakare R, Alamoudi J, Kothari V, Kohli R, Alnouti Y. “Early weight loss after sleeve gastrectomy is significantly correlated to increased hyocholic acid.” Scientific Sessions, SAGES 2017.
11. Higgins R, Helm M, Gould J, **Kindel T**. “Preoperative immobility significantly impacts the risk of post-operative complications in bariatric surgery patients.” Scientific Sessions, ACS Quality and Safety Conference 2017
12. Higgins R, Helm M, Gould J, **Kindel T**. “Preoperative immobility significantly impacts the risk of post-operative complications in bariatric surgery patients.” Scientific Sessions, Obesity Week 2017
13. Wallace L, Helm MC, Lak K, Higgins R, Gould JC, **Kindel TL**. “Buyer’s Remorse: What predicts post-decision dissonance after bariatric surgery?” Scientific Sessions, Obesity Week 2018
14. Strande, J, Corbett J, Lomberg G, **Kindel TL**. “Sleeve Gastrectomy in obese, Wistar rats improves diastolic function independent of weight loss.” Scientific Sessions, Obesity Week 2018
15. Wilkinson KH, Lak K, Higgins R, Gould J, **Kindel T**. The effect of bariatric surgery volume on general surgery outcomes for morbidly obese patients. Wisconsin Surgical Society meeting 2019
16. Wilkinson KH, Lak K, Higgins R, Gould J, **Kindel T**. The effect of bariatric surgery volume on general surgery outcomes for morbidly obese patients. Academic Surgical Congress 2020
17. Horecki E, Munie S, Higgins R, Gould JC, **Kindel TL**. Morbidity and Mortality following bariatric surgery in adolescents vs adults. Academic Surgical Congress 2020
18. Chang K, Peppard W, Higgins R, **Kindel T**. The accuracy of blood volume to accurately predict prophylactic enoxaparin dosing in morbid obesity. Wisconsin Surgical Society meeting 2021
19. Mathson L, **Kindel T**. Impact of food insecurity impact on bariatric surgery retention and surgical outcomes. Wisconsin Surgical Society meeting 2021
20. Chang K, Peppard W, Higgins R, **Kindel T**. Effectiveness of BMI-Guided Prophylactic Enoxaparin Dosing in Bariatric Surgery Patients. Academic Surgical Congress 2022
21. Fernando D, Saravia F, Atkinson S, Barron M, Kirby J, **Kindel T**. Comparison of Intestinal Microbiome in Hypertensive Roux-en-Y Gastric Bypass Patients Receiving Two Different Peri-Operative Antibiotics. SAGES 2022

22. Barron M, Fernando D, Saravia F, Atkinson S, Kirby J, **Kindel T**. The gut microbiome mediates a transferable cardiovascular benefit of sleeve gastrectomy. Presidential abstract poster of distinction, ASMBS 2022
23. Arshad SA, Clapp B, Samreen S, Noria S, Edwards MA, **Kindel T**. The safety profile of one-anastomosis gastric bypass compared to Roux-en Y gastric bypass: a MBSAQIP analysis. Top Papers Session II, ASMBS 2024
24. Suh, S, Obeid NR, Varban OA, Noria SF, Petrick AT, Edwards M, **Kindel T**. Safety of same-day discharge after sleeve gastrectomy in adults 65 years and older. Bariatric/Foregut Scientific Sessions, ACS Clinical Congress 2024
25. Suh S, **Kindel T**. The effect of bariatric surgery on patient reported outcomes of heart failure. Quick shot, Academic Surgical Congress 2025
26. Suh S, **Kindel T**. Improvement in diastolic dysfunction after bariatric and metabolic surgery is independent of nitric oxide expression and activity, Scientific Sessions SAGES 2025

Poster Presentations (First or Last author only)

1. **Kindel TL**, Keshavan P, Smith DL, Zucker SD. "Bilirubin suppresses the inflammatory response of DSS-induced acute colitis in mice." Digestive Disease Week, American Gastroenterology Association, May 2008.
2. **Kindel TL**, Yang Q, Yoder S, Tso P. "Re-thinking GLP-1 Secretion: The Evaluation of Lymphatic Incretin Levels after a Lipid Bolus in Diabetic Rats." American Diabetes Association, June 2008.
3. **Kindel TL**, Yang Q, Yoder S, Tso P. "Decreased Dextrin-driven Lymphatic Incretin Secretion in the Goto-Kakizaki Rat compared to the Wistar Rat". American College of Surgeons Clinical Congress, Oct 2008.
4. **Kindel TL**, Yoder SM, D'Alessio DA, Tso P. "Duodenal-jejunal exclusion increases mid-jejunal GIP content in Wistar rats." Digestive Disease Week, Society for Surgery of the Alimentary Tract, June 2009.
5. **Kindel TL**, Martins P, Yoder SM, Seeley RJ, D'Alessio DA, Obici S, Tso P. "Bypassing the duodenum does not improve insulin resistance associated with diet-induced obesity in rodents." Digestive Health Center- CCHMC Annual Scientific Research Symposium, March 2010.
6. **Kindel TL**, Kindel SJ, Nagle A. "Lack of knowledge regarding the risk and long-term effects of adolescent bariatric surgery is a primary determinant preventing surgical referral." SAGES 2013.
7. **Kindel TL**, Kothari V, McBride C, Thompson JS. "The time to weight-loss steady state after gastric bypass predicts long-term weight loss success." Top 15 ASMBS Poster, Obesity Week 2014.
8. **Kindel TL**, Thompson J. "Cholecystectomy at the time of roux-en-y gastric bypass does not alter the one year rate of type 2 diabetes mellitus resolution or excess weight loss." DDW 2015.
9. **Kindel TL**, Jolley J, Krause C, Bills N, Oleynikov D. "The Risk of Hiatal Hernia Recurrence after Bariatric Surgery with Concomitant Hiatal Hernia Repair." Poster of Distinction, SAGES 2015
10. **Kindel T**, Wright B, Bosler M, Gould J. "Significant 12 month weight loss variability after sleeve gastrectomy: one surgery does not fit all." Obesity Week 2016.

11. Higgins R, Helm M, Gould J, **Kindel TL**. “Morbidity and mortality is comparable following bariatric surgery in adolescents versus adults.” Obesity Week 2017.
12. **Kindel TL**, Foster T, Goldspink P, Kindel SJ, Corbett J, Widlanksy M, Strande J. “Early weight loss independent effects of sleeve gastrectomy on diet-induced cardiac dysfunction in obese, Wistar rats.” Utah Cardiac Recovery Symposium 2017.
13. Munie ST, Helm M, Gould JC, Kastenmeier A, **Kindel TL**. Safety of laparoscopic heller myotomy with concurrent gastric bypass compared to primary gastric bypass: a case-controlled analysis. SAGES 2019
14. Mathson L, **Kindel T**. Impact of food insecurity impact on bariatric surgery retention and surgical outcomes. SAGES 2022
15. Wildes M, **Kindel T**. DCI as a predictor of 30-day bariatric surgery outcomes. ASMBS 2024

PATENTS

1. U.S. Provisional Patent Application No. 63/505,036
Filed – May 30, 2023; C2034; 650053.00975
Methods for weight loss and/or reducing weight gain
Inventors – J Kirby, M Hadiono, **T Kindel**, J Grobe, J Mortara