

CURRICULUM VITAE

NAME: Lisa Lynn Strate
Place of Birth: Denver, Colorado
Work Address: Harborview Medical Center
 325 Ninth Avenue, Box 359773
 Seattle, WA 98122

EDUCATION

1990	B.S. (highest distinction)	Stanford University, Stanford, CA
1995	M.D.	University of California, San Francisco, CA
2001	M.P.H.	Harvard School of Public Health, Boston, MA

POSTGRADUATE TRAINING

1995-1996	Brigham and Women's Hospital, Harvard Medical School	Intern, Internal Medicine
1996-1998	Brigham and Women's Hospital, Harvard Medical School	Resident, Internal Medicine
1998-2001	Brigham and Women's Hospital, Harvard Medical School	Fellow, Gastroenterology
1999	Program in Clinical Effectiveness, Harvard School of Public Health	Fellow
2001-2002	Agency for Healthcare Research and Quality	Post-Doctoral Fellowship, Harvard School of Public Health

FACULTY POSITIONS HELD

2001-2006	Instructor in Medicine	Harvard Medical School
2006-	Acting Assistant Professor of Medicine	University of Washington School of Medicine
2008-	Assistant Professor of Medicine	University of Washington School of Medicine
2013-	Associate Professor of Medicine	University of Washington School of Medicine
2018 -	Professor of Medicine	University of Washington School of Medicine

HOSPITAL POSITIONS HELD CONCURRENTLY

2001-2006	Associate Physician/Active Staff	Brigham and Women's Hospital
2001-2005	Staff Physician/Active Staff	Dana-Farber Cancer Institute
2006-	Staff Physician	Harborview Medical Center
2006-	Associate Medical Staff	University of Washington Medical Center
2006-	Associate Medical Staff	VA Puget Sound Health Care System
2006-2009	Courtesy Staff	Swedish and Providence Medical Centers

HONORS AND AWARDS

1987	Booth Prize for Excellence in Writing, Stanford University
1987	Presidential Scholar (top 3% of freshmen), Stanford University
1988	Cap and Gown, Women's Honor Society, Stanford University
1988	Phi Beta Kappa (elected junior year), Stanford University
1990	Graduation with Highest Distinction, Stanford University
1995	Alpha Omega Alpha, co-president, Univ. of California, San Francisco Medical School

- 1995 Sadie Berkove Award (for exceptional student performance and future promise), University of California, San Francisco, Medical School
- 1995 American Medical Women's Association Janet Glasgow Award (for graduating #1 in class), University of California, San Francisco, Medical School
- 2001 American College of Gastroenterology Clinical Research Award
- 2001 Sixth Annual Young Investigators' Conference in Digestive Diseases: Best Poster Presentation.
- 1999 New England Endoscopy Society Annual Research Awards: Second Place
- 2001 Marx Fellowship, Dana Farber Cancer Institute
- 2003 American Society for Gastrointestinal Endoscopy Olympus Career Development Award
- 2003 American College of Gastroenterology Career Development Award (did not accept secondary to overlap with ASGE Award)
- 2003 Research Excellence in GI and Liver (REGAL) Award
- 2006 Fellow, American College of Gastroenterology
- 2015 Ernestine Hambrick, MD, Lectureship American Society of Colon and Rectal Surgeons
- 2015 American College of Gastroenterology Visiting Professor, Wake Forest University, Winston-Salem, NC
- 2016 Fellow, American Gastroenterological Association
- 2017 Visiting Professor for Career Mentorship, Brigham and Women's Hospital, Harvard Medical School, Boston, MA

BOARD CERTIFICATIONS

- 1998 American Board of Internal Medicine, Internal Medicine
- 2001, 2011 American Board of Internal Medicine, Gastroenterology

CURRENT LICENSE

Washington State License MD00046347
DEA BS5559072

PROFESSIONAL ORGANIZATIONS

- 1989 American Gastroenterology Association
- 1988 American College of Gastroenterology
- 1998 American Society for Gastrointestinal Endoscopy

TEACHING RESPONSIBILITIES

Brigham and Women's Hospital (7/2001-6/2006)

Inpatient attending: Gastroenterology Consultation Service

1 month per year

Outpatient Gastroenterology Clinic:

½ day per week

Outpatient Endoscopy

½ day per week

University of Washington, Harborview Medical Center

Inpatient attending: Gastroenterology Consultation Service

6-9 weeks per year

Outpatient Gastroenterology Clinic:

½-1 day per week

Outpatient Endoscopy

½-1½ days per week

MENTORED STUDENTS, RESIDENTS, FELLOWS

Postdoctoral Fellows and Residents Directly Supervised or Mentored

Year	Name	Position when mentored	Mentoring Purpose	Current Position
2008-2009	Sravanthi Parasa	Masters student, School of Public Health	Research project Career mentoring	Clinical Assistant Professor, Division of Gastroenterology, Case Western Reserve University
2009-2010	Naomi Diggs	Resident, Internal Medicine	Research project Career mentoring	Staff physician, Swedish Hospital
2009-2010	Christopher Naumann	Gastroenterology Fellow	Research project	Clinical Assistant Professor of Medicine, Texas A&M Health Science Center
2011-2012	Dekey Lhewa	Resident, Internal Medicine	Career mentoring	Fellow, Transplant hepatology, University of Michigan
2011-2013	Adam Templeton	Gastroenterology Fellow	Career mentoring	Clinical Assistant Professor, University of Washington
2013-2014	Chelle Wheat	PhD student, School of Public Health	Research project	Post-doctoral fellow, Puget Sound VA Hospital
2015-2016	Brieze Keeley	Resident, Internal Medicine	Research project	Resident, Massachusetts General Hospital
2015	Nina Saxena	Gastroenterology Fellow	Research project Career mentoring	Gastroenterology fellow, University of Washington
2016	Katie Fan	Resident, Internal Medicine	Research project Career mentoring	Gastroenterology fellow, Brown University
2016-	Brandon Teng	Resident, Internal Medicine	Research project	Resident, Internal Medicine, University of Washington
2016-	Sophia Swanson	Gastroenterology Fellow	Research project Career mentoring	Gastroenterology fellow, University of Washington
2016-	Idy Tam	Medical Student	Research project Career mentoring	Medical student, Tufts Medical School
2016-	Manol Javoni	Research fellow	Research project	Research fellow, Massachusetts General

				Hospital
2017-	Yutaka Tomizawa	Faculty member, GI	Career mentor	Assistant Professor University of Washington
2017	Wenjie Ma	Research fellow	Research projects	Research fellow, Massachusetts General Hospital
2018	Denise Chac	Doctoral student	Thesis advisor	PhD student University of Washington

EDITORIAL RESPONSIBILITIES

2010-present *Clinical Gastroenterology and Hepatology*

Editorial Board

2015-present *Gastrointestinal Endoscopy*

Associate Editor

Journal ad hoc reviewer:

Alimentary Pharmacology and Therapeutics

American Journal of Gastroenterology

Annals of Internal Medicine

Gastroenterology

Gut

JAMA

New England Journal of Medicine

SPECIAL NATIONAL RESPONSIBILITIES

2004 - 2007	American College of Gastroenterology Research Committee	Member
2007	American College of Gastroenterology Colorectal Cancer Prevention Action Plan Committee	Member
2007 - 2010	American Society for Gastrointestinal Endoscopy Research Committee	Member
2009	American Gastroenterological Association GI SAM Online Self-Assessment Modules	Author
2012 - 2014	American Gastroenterological Association Research Awards Panel	Member
2012 - present	American College of Gastroenterology Research Committee	Member
2012	NIH NIDDK Diverticular Disease Patient Resources	Reviewer
2014	American Gastroenterological Association GI SAM Online Self-Assessment Modules	Author
2014 - 2016	American Gastroenterological Association Publications Committee	Member
2014	American Gastroenterological Association Technical Review Diverticular Disease	Author
2014	American College of Gastroenterology Lower Gastrointestinal Bleeding Guideline	Author

2015	American Gastroenterological Association Committee to select next Editor-in-Chief of <i>Gastroenterology</i>	Member
2016	American Gastroenterological Association Abstract Review Committee	Member
2016	American College of Gastroenterology Abstract Review Committee	Member
2017	American College of Gastroenterology and World Congress of Gastroenterology Abstract Review Committee, Gastrointestinal Bleeding	Chair
2017-2020	FDA Gastrointestinal Drugs Advisory Committee	Member
2018	American Gastroenterological Association Abstract Review Committee	Member

International Responsibilities:

2012	Greek National Council for Research and Technology ARISTEIA scientific review panel.	Member
2013	Physicians' Services Incorporated Foundation (Canadian non-profit)	Reviewer
2013	German Research Foundation	Reviewer

SPECIAL LOCAL RESPONSIBILITIES

2001-2005	Instructor, Gastrointestinal Pathophysiology Course Harvard Medical School
2001-2005	Fellowship Selection Committee Brigham and Women's Hospital, Division of Gastroenterology
2004-2006	Institutional Review Board, Brigham and Women's Hospital Brigham and Women's Hospital
2008-2015	GI Fellowship Selection Committee University of Washington, Division of Gastroenterology
2008-2013	GI Fellowship Curriculum Committee University of Washington, Division of Gastroenterology
2013-present	Director of Clinical Research University of Washington, Division of Gastroenterology
2014-present	GI Fellowship Core Competency Committee University of Washington, Division of Gastroenterology
2014	GI Faculty Search Committee University of Washington, Division of Gastroenterology
2014	Research Royalty Fund ad hoc reviewer University of Washington, Division of Gastroenterology
2016	GI faculty Search Committee University of Washington, Division of Gastroenterology

RESEARCH FUNDING

Current Grant and Contract Funding

R01DK103915

Practice Patterns and Impact of Operative and Non-operative Management of Diverticulitis

Principal Investigator: Flum

National Institutes of Health/ National Institutes of Diabetes and Digestive and Kidney Diseases
Role: Co-Investigator (0.6 month calendar effort)
7/2015 - 4/2020

T32DK00742

University of Washington GI Training Grant

Principal Investigator: Inadomi
National Institutes of Health/ National Institutes of Diabetes and Digestive and Kidney Diseases
Role: Mentor (0 months calendar effort)
7/2012-6/2018

T32DK070555

Gastrointestinal Surgery Outcomes Research Fellowship

Principal Investigator: Flum
National Institutes of Health/ National Institutes of Diabetes and Digestive and Kidney Diseases
Role: Mentor (0 months calendar effort)
7/2010-6/2020

Pending Grant and Contract Funding

Diet, Lifestyle, the Gut Microbiome and Diverticulitis

National institutes of Health/National Institutes of Diabetes and Digestive and Kidney Diseases
Role: Co-PI (2.4 months calendar effort)
6/2018-5/2023

Past Grant and Contract Funding

R01DK101495

Inflammation and Risk of Diverticulitis

Multiple PI: Strate, Chan
National Institutes of Health/ National Institutes of Diabetes and Digestive and Kidney Diseases
Role: Principal investigator (1.8 months calendar effort)
8/2014-7/2018

R01DK084157

Intestinal Microbiota in Diverticular Disease

Principal Investigator: Strate
National Institutes of Health/ National Institutes of Diabetes and Digestive and Kidney Diseases
Role: Principal Investigator (3.6 calendar months)
7/2010-6/2016

R01 DK095964

Genetic and Lifestyle Factors and Risk of Gastrointestinal Bleeding

Principal Investigator: Chan
National Institutes of Health/ National Institutes of Diabetes and Digestive and Kidney Diseases
Role: Co-Investigator (1.2 calendar months)
9/2013-8/2016

Intestinal Microbiota in Diverticular Disease

Principal Investigator: Strate
UW Provost Bridge Funding Award
Role: Principal Investigator (0 calendar months)
1/2010-7/2010

K08 HS014062

Outcomes and Care Practices in Lower Intestinal Bleeding

Principal Investigator: Strate
Agency for Health Research and Quality
Role: Principal Investigator (6 calendar months)
5/04-4/09

Timing of Colonoscopy for Lower Gastrointestinal Bleeding

Principal Investigator: Strate
American Society for Gastrointestinal Endoscopy Junior Faculty Development Award
Role: Principal Investigator (6 calendar months)
7/03-6/04

Risk Stratification of Patients with Acute Lower Intestinal Bleeding

Principal Investigator: Strate
American College of Gastroenterology Clinical Research Award
Role: Principal Investigator (0 calendar months)
7/01-6/03

AHRQ Clinical Research Fellowship

Agency for Healthcare Research and Quality
Role: Post-doctoral fellow (6 calendar months)
7/01-6/02

BIBLIOGRAPHY

PUBLICATIONS IN REFEREED JOURNALS

1. Jacobson BC, **Strate LL**, Baffy G, Huang L, Mutinga M, Banks P. The nature of after- hours telephone medical practice by GI fellows. *Am J Gastroenterology* 2001; 96(2):570-3. [original work]
2. **Strate LL**, Syngal S. Timing of Colonoscopy: Impact on length of hospital stay in patients with acute lower intestinal bleeding. *Am J Gastroenterology* 2003; 98(2):317-322. PMID 1259048[original work]
3. ***Strate LL**, Orav J, Syngal S. Early predictors of severity in acute lower intestinal tract bleeding. *Arch Intern Med* 2003; 163:838-843. PMID 12695275 [original work]
4. **Strate, LL**. Prevention of diverticular perforation – Still a problem for the 21st Century. *Evidence-Based Gastroenterology* 2004; 5(2):60-61. [editorial]
5. **Strate LL**, Syngal, S. Predictors of utilization of early colonoscopy vs. radiography for severe lower intestinal bleeding. *Gastrointest Endosc* 2005; 61(1):46-52. PMID 12672055 [original work]
6. Reddy S, Friedman S, Telford J, **Strate L**, Ookubo R, Banks P. Are Patients with Inflammatory Bowel Disease Receiving Optimal Care? *Am J Gastroenterology* 2005;100(6):1357-61. PMID 15929770 [original work]
7. **Strate LL**, Syngal, S. Hereditary Colorectal Cancer Syndromes. *Cancer Causes and Control* 2005;16: 201-213. PMID 15947872 [review]
8. Saltzman JR, **Strate LL**, Di Sena V, Huang C, Merrifield B, Ookubo R. Prospective trial of endoscopic clips versus combination therapy in upper GI bleeding (PROTECCT – UGI Bleeding) *Am J Gastroenterology* 2005; 100(7):1503-8. PMID 15984972 [original work]
9. **Strate LL**, Saltzman JR, Ookubo R, Mutinga ML, Syngal, S. Validation of a clinical prediction rule for severe acute lower intestinal bleeding. *Am J Gastroenterology* 2005; 100(8):1821-27. PMID 16086720 [original work]

10. **Strate LL.** Lower GI bleeding – epidemiology and diagnosis. *Gastroenterology Clinics of North America* 2005; 34: 643-664. PMID 16303575 [review]
11. **Strate LL, Ayanian JZ, Kotler G, Syngal S.** Risk factors for mortality in acute lower intestinal bleeding. *Clinical Gastroenterology and Hepatology* 2008; 6(9): 1004-10. PMID18558513 [original work]
12. ***Strate LL, Liu YL, Aldoori WH, Syngal S, Giovannucci E.** Nut, corn and popcorn consumption and the risk of diverticular complications. *JAMA* 2008; 300(8): 907-914. PMID 18728264 [original work]
13. **Strate LL, Liu YL, Aldoori WH, Syngal S, Giovannucci E.** Obesity increases the risk of diverticulitis and diverticular bleeding. *Gastroenterology* 2009; 136(1):115-122. PMID 9896378 [original work]
14. **Strate LL, Liu YL, Aldoori WH, Giovannucci E.** Physical activity decreases diverticular complications. *Am J Gastroenterology* 2009; 104 (5): 1221-30. PMID 19367267 [original work]
15. **Strate LL, Nauman CR.** The role of colonoscopy and radiologic procedures in the management of acute lower intestinal bleeding. *Clin Gastroenterol Hepatol.* 2010;8(4):333-43. PMID 20036757 [review]
16. Erichsen R, **Strate L,**Toft Sørensen H, Baron JA. Positive predictive values of the International Classification of Disease, 10th edition diagnoses codes for diverticular disease in the Danish National Registry of Patients. *Clinical and Experimental Gastroenterology* 2010;3 139-142. PMID 21694857 [original work]
17. Huang ES, **Strate LL,** Ho W, Lee SS, Chan AT. A prospective study of aspirin use and risk of gastrointestinal bleeding in men. *PLOS One.* 2010;(12):e15721. PMID 21209949 [original work]
18. **Strate LL.** Urgent colonoscopy for lower gastrointestinal bleeding – Not so fast. *Am J Gastroenterology* 2010; 105:2643-45. PMID 21131933 [editorial]
19. Huang ES, **Strate LL,** Ho W, Lee SS, Chan AT. Long term aspirin use and risk of gastrointestinal bleeding. *Am J Med.* 2011;124(5):426-33. PMID 21531232 [original work]
20. ***Strate LL,** Yan LL, Huang ES, Giovannucci E, Chan AT. Aspirin and Nonsteroidal Anti-inflammatory Drug Use and Risk of Diverticulitis and Diverticular Bleeding. *Gastroenterology* 2011;140(5):1427-33. PMID 21320500 [original work]
21. Diggs N, Holub JL, Eisen GL, **Strate LL.** Factors that contribute to blood loss in patients with colonic angiodysplasia from a population-based study. *Clinical Gastroenterology and Hepatology* 2011;9(5):415-20. PMID 21320640 [original work]
22. **Strate, LL.** Diverticulosis and Dietary Fiber: Rethinking the Relationship.. *Gastroenterology* 2012;142(2):205-7. PMID 22185897 [editorial]
23. Lewey, D, **Strate, LL.** Pros and Cons of colonoscopy in the management of acute lower intestinal bleeding. *World J Gastroenterol* 2012;18(11):1185-90. PMID 22468081 [review]
24. **Strate, LL.** Lifestyle factors and the course of diverticular disease. *Dig Dis* 2012; 30 (1):35-45. PMID 22572683 [review]
25. **Strate, LL,** Modi R, Cohen E, Spiegel BM. Diverticular Disease as a Chronic Illness: Evolving Epidemiologic and Clinical Insights. *Am J Gastroenterol* 2012; Oct;107(10):1486-93 PMID 22777341 [review]
26. ***Strate LL,** Erichsen R, Baron JA, Mortensen J, Krabbe Pedersen J, Christensen K, Toft Sørensen H. Heritability and familial aggregation of diverticular disease: a population-based study of twins. *Gastroenterology* 2013;11:1631. PMID 23313967 [original work]
27. Tseng HE, Hullar MA, Lampe JW, Sandstrom R, Johnson AK, **Strate LL,** Ruzzo WL, Stamatoyannopoulos JA. A microbial profiling method for the human microbiota using high-throughput sequencing. *Metagenomis* 2013;2:235646. PMID 24013439 [original work]
28. Templeton AW, **Strate LL.** Updates in diverticular disease. *Curr Gastroenterol Rep.* 2013;15:339. PMID 24010157 [review]

29. Maguire LH, Song M, **Strate LL**, Giovannucci EL, Chan AT. Higher serum levels of vitamin D are associated with reduced risk of diverticulitis. *Clin Gastroenterol Hepatol* 2013;11:1631. PMID 25409091 [original work]
30. **Strate LL**, Erichsen R, Horvath-Puho E, Pedersen L, Baron JA, Sorensen HT. Diverticular disease is associated with increased risk of subsequent arterial and venous thromboembolic events. *Clin Gastroenterol Hepatol* 2014 Oct;12(10):1695-701 PMID:24316104 [original work]
31. Maquire LH, Song M, **Strate L**, Giovannucci E, Chan, AT. Association of Geographic and Seasonal Variation with Diverticulitis Admissions. *JAMA Surg.* 2014 Nov 19 PMID:25409019 [original work]
32. **Strate LL**. Nonsteroidal anti-inflammatory drugs and risk of GI bleeding: don't forget the colon. *Gastrointest Endosc.* 2014 Dec;80(6):1132-4. PMID:25434661 [editorial]
33. Maguire LH, Song M. **Strate LL**, Giovannucci EL, Chan AT. Association of geographic and seasonal variation with diverticulitis admissions. *JAMA Surg* 2015 Jan;150 (1):74-7. PMID: 25409019 [original work]
34. Montomoli J, Erichsen R, **Strate LL**, Pedersen L, Nilsson T, Sørensen HT. Coexisting Liver Disease is Associated with Increased Mortality after Surgery for Diverticular Disease: A nationwide cohort study. *Dig Dis Sci* 2015;60:1832-40. PMID: 25559756 [original work]
35. Wheat C, **Strate LL**. Trends in hospitalization for diverticulitis and diverticular bleeding in the United States from 2000 to 2010. *Clin Gastroenterol Hepatol* 2016;14(1):96-103. PMID:25862988 [original work]
36. Simianu V, **Strate LL**, Billingham RP, Fichera A, Steele SR, Thirlby RC, Flum DR. The impact of elective colon resection on rates of emergency surgery for diverticulitis. *Ann Surg.* 2016; 263 (1):123-9. PMID:26111203 [original work]
37. **Strate LL, Peery AF**, Neumann I. American Gastroenterological Association Institute Technical Review on the Management of Acute Diverticulitis. *Gastroenterology* 2015 Dec;149(7):1950-76. [review]
38. **Strate LL**, Imperiale TF. Has an observational study of early vs elective colonoscopy for acute lower gastrointestinal hemorrhage answered questions that clinical trials could not? *Clin Gastroenterol Hepatol* 2016; 14(4):565-7 [editorial]
39. Saxena N, **Strate LL**. Diverticular stigmata of recent hemorrhage: find one, probe one, treat one. *Gastrointest Endosc* 2016 Feb;83(2):424-6. [editorial]
40. **Strate LL**, Gralnek I. American College of Gastroenterology Practice Guideline: Management of patients with lower gastrointestinal bleeding. *Am J Gastroenterol* 2016; 111:459-474 [guideline]
41. **Strate LL**, Singh P, Boylan MR, Piawah S, Cao Y, Chan AT. A prospective study of alcohol consumption and smoking and the risk of major gastrointestinal bleeding in men. *Plos One* 2016;11(11):e0165278 PMID:27824864 [original work]
42. ***Strate LL**, Keeley B, Cao Y, Wu K, Giovannucci E, Chan AT. Major dietary patterns and risk of incident diverticulitis. *Gastroenterology* 2017;152(5):1023-1030 PMID: 28065788 [original work]
43. Cao Y, **Strate LL**, Keely BR, Tam I, Wu, K, Giovannucci E, Chan AT. Meat intake and risk of diverticulitis among men. *Gut* 2017 [Epub 2017 Jan 5] PMID:28069830 [original work]
44. Gralnek IM, Neeman Z, **Strate, LL**. Acute Lower Gastrointestinal Bleeding. *N Engl J Med.* 2017;376(11):1054-1063. PMID 28296600 [review]
45. Liu PH, Cao Y, Keeley BR, Tam I, Wu K, **Strate LL***, Giovannucci EL*, Chan AT.* Adherence to a Healthy Lifestyle is Associated with a Lower Risk of Diverticulitis among Men. *Am J Gastroenterol* 2017; 112:1868-76. PMID 29112202
46. Choi AY, **Strate LL**, Fix MC, Schmidt RA, Ende AR, Yeh MM, Inadomi JM, Hwang, JH. Association of Gastric Intestinal Metaplasia and East Asian Ethnicity with the Risk of Gastric Adenocarcinoma in a U.S. Population. *Gastrointest Endosc* 2017 [Epub] PMID: 29155082
47. Roshan Afshar I, Sadr MS, **Strate LL**, Martel M, Menard C, Barkun AN. The role of colonoscopy in patients presenting with acute lower gastrointestinal bleeding: a systematic review and meta-analysis. *Therap adv Gastroenterol* 2018; PMID 29487627.

47. Scarpignato C, Barbara G, Lanas A, **Strate LL**. Management of Colonic Diverticular Disease in the Third Millennium: Highlights from a Symposium Held during the UEGW 2017. *Therapeutic Advances in Gastroenterology* 2018; 11:1-21.
48. Ma W, Jovani M, Liu PH, Nguyen LH, Cao Y, Tam I, Wu K, Giovannucci EL, **Strate LL***, Chan AT*. Association Between Obesity and Weight Change and Risk of Diverticulitis in Women. *Gastroenterology* 2018 PMID 29614301
49. Swanson SM, **Strate LL**. Acute Colonic Diverticulitis. *Ann Intern Med* 2018. PMID 29710265

BOOK CHAPTERS

1. **Strate, LL**. Pieramici E, Ahnen D. Biology and genetics of colorectal cancer. In Weinstein WM, Hawkey CJ, Bosch J (eds) *Clinical Gastroenterology and Hepatology*. London: Mosby; 2005: 397-406.
2. **Strate, LL**. Obscure Gastrointestinal Bleeding. In Talley (ed) *Practical Gastroenterology and Hepatology*. Oxford: Wiley-Blackwell; 2010:188-192
3. **Strate, LL**. Hematochezia. In Talley (ed) *Practical Gastroenterology and Hepatology*. Oxford: Wiley-Blackwell; 2010:183-187
4. Sandhu, D, **Strate, LL**. Upper gastrointestinal tract hemorrhage. In: *GI/Liver Secrets*. McNally (Ed), 5th Edition, Philadelphia: Elsevier Saunders; 2015:377-383.
5. **Strate, LL**. Hematochezia. In Talley (ed) *Practical Gastroenterology and Hepatology* 2nd Edition. Oxford: Wiley-Blackwell; 2016:237-240.

OTHER PUBLICATIONS

1. Baffy G, **Strate LL**, Krinsky ML. Image of the month. *Gastroenterology* 2000;118(2):252,453.
2. **Strate LL**, O'Leary M, Carr-Locke D. Massive rectal bleeding following prostate needle biopsy. *Endoscopy* 2001; 33: 981-84.
3. **Strate, LL**. Approach to resuscitation and diagnosis in lower gastrointestinal bleeding. In: UpToDate, Basow, DS (Ed), UpToDate, Waltham, MA, 2012.
4. **Strate, LL**. Etiology of lower gastrointestinal bleeding. In: UpToDate, Basow, DS (Ed), UpToDate, Waltham, MA, 2012.
5. Herman ML, **Strate LL**. Website review: Review of patient-oriented websites on diverticular disease. *Gastroenterol* 2015 149(1):256-7.
6. Kosowicz R, **Strate LL**. Endoscopic Management of Lower Gastrointestinal Hemorrhage. *Scientific American Gastroenterology, Hepatology and Endoscopy*

MANUSCRIPTS SUBMITTED

1. Hullar M, Sandstrom R, Stamatoyannopoulos JA, Lampe JW, **Strate LL**. The fecal microbiome in diverticulitis and uncomplicated diverticulosis: A case-control study in the United States [original work]
2. Leisner M, Ording AG, Farkas DK, Olsen M, **Strate LL**, Sørensen HT. Risk of Cancer in Patients with Diverticular Disease: A population-based cohort study [original work]
3. Peery AF, **Strate LL**, Stollman N, Neumann I. Efficacy of Antibiotics for the Treatment of Acute Uncomplicated Diverticulitis: Systematic Review and Meta-Analysis [original work]

ABSTRACTS

1. **Strate LL**, Orav J, Syngal S. Early Predictors of Severity in Acute Lower Gastrointestinal Bleeding. *Am J Gastroenterol* 2000
2. **Strate LL**, Davis R, Snipper J, Syngal S. Timing of colonoscopy: Impact on Length of Hospital Stay in Patients with Acute Lower Gastrointestinal Bleeding. *Gastroenterology* 2001; 120(5): A219

3. **Strate LL**, Syngal S Determinants of Early Colonoscopy versus Radiography in Severe Acute Lower Gastrointestinal Bleeding. *Gastrointest Endosc* 2002; 55(5): AB120
4. **Strate LL**, Canale S, Ookubo R, Rosenblatt M, Mathur A, Mutinga M, Saltzman J, Syngal S. Risk Stratification in Acute Lower Intestinal Bleeding: Prospective Validation of a Clinical Prediction Rule. *Gastroenterology* 2003; 124 (4) S1: A508
5. Sachdeve R, Banks P, Wolf J, **Strate LL**, Friedman S. Factors Influencing Long-Term Outcome of Infliximab Treatment in Crohn's Disease. *Gastroenterology* 2003; 124 (4) S1: A-527.
6. **Strate LL**, Jennifer Holub, Glenn Eisen, Pat De Garmo, David Lieberman, John Saltzman, Sapna Syngal. Are colonic angiodysplasia a frequent cause of brisk lower intestinal bleeding? *Gastrointest Endosc* 2004; 59(5): AB105
7. **Strate LL**, Jennifer Holub, Glenn Eisen, Pat De Garmo, David Lieberman, John Saltzman, Sapna Syngal. A population based study of diverticula: Prevalence, risk factors for bleeding and treatment patterns *Gastrointest Endosc* 2004; 59(5): AB105
8. **Strate LL**, Syngal S. Early colonoscopy and hospital length of stay in acute lower intestinal bleeding: A nationwide study. *Gastrointest Endo* 2005: 61(5):AB10
9. **Strate LL**, Syngal S. Predictors of mortality in acute lower intestinal bleeding in a nationally representative sample. *Gastrointest Endo* 2005: 61(5):AB10
10. **Strate LL**, Liu YL, Syngal S, Giovannucci E. Can patients with diverticular disease eat nuts, corn and popcorn? *Gastroenterology* 2007: 132(4) S2:A-110
11. **Strate LL**, Liu YL, Syngal S, Giovannucci E. Obesity: A risk factor for diverticulitis and diverticular bleeding. *Gastroenterology* 2007: 132(4) S2:A-110
12. **Strate LL**, Liu YL, Syngal S, Giovannucci E Physical activity decreases the risk of diverticular complications. *Gastroenterology* 2008: 134(4) S1:A-92
13. **Strate, LL**, Parasa S, Arnold, A. Siscovick, D. Cardiovascular risk factors and risk of diverticular bleeding. *Gastroenterology* 2010:138(5) S1:A-
14. Strate, LL, Liu L, Huang E, Giovannucci EL, Chan AT. Aspirin and nonsteroidal anti-inflammatory drugs and the risk of diverticular complications. *Gastroenterology* 2010:138(5) S1:S-630
15. Huang EH, **Strate LL**, Ho WH, Lee SS, Chan AT. Long-term use of aspirin and the risk of gastrointestinal bleeding in a prospective population-based cohort. *Gastroenterology* 2010:138(5) S-63 S-64
16. **Strate LL**, Erichsen R, Baron JA, Mortensen J, Pedersen JK, Christensen, Sorensen HT. Genetics play a role in diverticular disease: Results from the Danish twin registry. *Gastroenterology* 2011: 140(5): S-90
17. Huang ES, Kahili H, Strate LL, Chan AT. Selective serotonin reuptake inhibitors and risk of gastrointestinal bleeding in two prospective, population-based cohorts. *Gastroenterology* 2011: 140(5): S-137
18. Huang ES, Khalili H, Strate LL, Chang AT. ABO blood group and risk of gastrointestinal bleeding. *Gastroenterology* 2012: 142(5): S-503.
19. Strate LL, Erichsen R, Horvath-Puho E, Baron JA, Soresen HT. Diverticular disease and risk of Subsequent myocardial infarction and stroke: A Danish population-based cohort study. *Gastroenterology* 2013: 144(5): S-782
20. Wheat C; Parasa S; **Strate LL**. Epidemiologic Trends for Diverticulitis and Diverticular Bleeding: One Increasing, One Decreasing. *Am J Gastroenterol* 2013:
21. Hullar MA, Sandstrom R, Stamatoyannopoulos JA, Lampe JW, Strate LL. The Fecal Microbiome in Diverticulitis and Uncomplicated Diverticulosis *Gastroenterology* 2014:146(5):S1 S-45.
22. Maguire L, Song M, Strate LL, Giovannucci E, Chan AT. Geographic and seasonal variation is associated with diverticulitis admissions. *Gastroenterology* 2014: 146(5): S1 S-46
23. Wheat C; **Strate LL**. Associations between age, ethnicity and obesity and risk of diverticulitis in the Nationwide Inpatient Sample. *Gastroenterology* 2014: 146(5): S1 S-186

24. Boylan MR, Singh P, Khalili H, Piawah S, Stewart KO, **Strate LL**, Chan AT. Menopausal hormone therapy is associated with increased risk of lower gastrointestinal bleeding. *Gastroenterology* 2015 148 (4): S1 S-154
25. Singh A, Couhglan-Gifford E, Boylan MR, Piawah S, Steward KO, **Strate LL**, Chan AT. Alcohol Consumption increases the risk of gastrointestinal bleeding in men. *Gastroenterology* 2015;148(4)
26. **Strate LL**, Keeley BR, Cao Y, Wu K, Giovannucci E, Chan AT. Major dietary patterns and risk of incident diverticulitis. *Gastroenterology* 2016: 150(4): S1 S133
27. Joshi AD, Lohead P, **Strate LL**, Kraft P, Turman C, Chan AT. Genome-wide association study of gastrointestinal bleeding. *Gastroenterology* 2016; 150 (4): S1 S690
28. Hullar MAJ, Sandstrom R, Lampe JW, **Strate LL**. The fecal microbiome differentiates patients with a history of diverticulitis vs those with uncomplicated diverticulosis. *Gastroenterology* 2017; 152(5); s624
29. **Strate LL**, Joshi AD, Singh P, Piawah, Boylan MA, Chan AT. Obesity Increases the Risk of Gastrointestinal Bleeding in Men. *Gastroenterology* 2017; 152(5):s945.
30. Lin PH, Cao Y, **Strate L**, Brieze KR, Tam I, Wu K, Giovannucci E, Chan AT. Adherence to a healthy lifestyle reduces risk of diverticulitis among men. *Gastroenterology* 2017; 152(5):s943
31. Harms MA, Baxi AC, Teng BJ, Jensen-Otsu E, Rosenblatt ES, **Strate LL**, Ko CW. *Gastroenterology* 2017; 152(5):s220.
32. Teng BJ, Bach S, Baxi AC, Harms MA, Jensen-Otsu E, Ko CW, **Strate LL**. Early prediction of variceal hemorrhage in upper gastrointestinal bleeding. . *Am J Gastroenterol* 2017; 112 (S1): S289
33. Baxi AC, Grant S, Teng BJ, Harms MA, Jensen-Otsu E, **Strate LL**, Ko CW. Impact of fresh frozen plasma transfusion on upper gastrointestinal bleeding in patients with cirrhosis. *Am J Gastroenterol* 2017; 112(S1): S296
34. Ma, W. Jovani, M. Liu SPH, Nguyen L, Cao Y, Tam I, Wu K, Giovannucci EL, **Strate LL**, Chan AT. Obesity, Weight change and risk of diverticulitis: A prospective cohort study in women
35. Jensen-Otsu,J, Grnde K, Teng BJ, Baxi AC, Harms MA, **Strate LL**, Ko CW. Anesthesia professional-delivered sedation is associated with similar outcomes compared to nurse administered sedation in patients with acute upper gastrointestinal bleeding

INVITED PAPERS, LECTURES, PRESENTATIONS

International

Impact of lifestyle on the course of diverticular disease. Falk Symposium, A Fresh Approach to a Neglected Disease, September 2, 2011.Cologne, Germany.

Diverticulitis – Epidemiology and New Horizons. 12th Annual GI Forum. October 9-10, 2013. Vancouver, Canada.

Lower GI bleeding Workshop. 12th Annual GI Forum. October 9-10, 2013. Vancouver, Canada

Lower GI bleeding. Canadian Digestive Disease Week, February 9-11, 2014. Toronto, Canada

Star Articles: Comorbidities and GI Bleeding. Canadian Digestive Disease Week February 9-11, 2014, Toronto, Canada

Alfasigma Symposium: Management of Diverticular Disease in the Third Millennium, October 29, 2017, Barcelona, Spain

National

Outcomes Research in Lower Intestinal Bleeding: Clarifying a Clinical Conundrum. University of Colorado Health Sciences Center, Gastroenterology Division Grand Rounds. October 23, 2001, Denver, CO

Risk Assessment in Lower GI Bleeding, American Society for Gastrointestinal Endoscopy Live Advanced Endoscopic Techniques, March 2002, Boston, MA

A population-based study of diverticula: prevalence, risk factors for bleeding and treatment patterns. Digestive Disease Week. May 18, 2004, New Orleans, LA

Are colonic AVM's a frequent cause of brisk lower intestinal bleeding? Digestive Disease Week. May 18, 2004, New Orleans, LA

Early colonoscopy and hospital length of stay in acute lower intestinal bleeding: A nationwide study. Digestive Disease Week. May 16, 2005, Chicago, IL

Predictors of mortality in acute lower intestinal bleeding in a nationally representative sample. Digestive Disease Week. May 16, 2005, Chicago, IL

Can patients with diverticular disease eat nuts, corn and popcorn? Digestive Disease Week. May 2007, Washington, D.C.

Obesity: A risk factor for diverticulitis and diverticular bleeding. Digestive Disease Week. May 2007, Washington, D.C.

Physical activity decreases the risk of diverticular complications. Digestive Disease Week. May 2008, San Diego, CA

The optimal management of lower GI bleeding: why is there so much controversy? Digestive Disease Week. May 2008 San Diego, CA

Lower GI bleeding revisited. Simultaneous Symposia: Current Issues in GI Bleeding. ACG Annual Scientific Meeting. October 2008, Orlando, FL

Pre-procedure evaluation and management. Managing the On Call Upper GI bleeding Consult. Digestive Disease Week 2009, Chicago, IL

Medical therapy of variceal bleeding, AGA ASGE Combined Clinical Symposium. Digestive Disease Week May 2011, Chicago, IL

Heritability of diverticular disease: A population-based study of Danish twins. Digestive Disease Week May 2011, Chicago, IL

Imaging options for evaluating lower GI bleed. Digestive Disease Week. May 2012, San Diego, CA

The role of endoscopy in lower GI bleeding. American College of Gastroenterology Postgraduate Course. October 2012, Las Vegas, NV

The epidemiology of diverticular disease. Epidemiology conference. University of North Carolina, October 8, 2012, Chapel Hill, NC

When to Scope in Lower GI Bleeding: It Must be Done Now. American College of Gastroenterology Eastern Regional Postgraduate Course. April 12-14, 2013, Washington, D.C.

Management of the difficult bleeder. Digestive Disease Week. May 21, 2013, Orlando, FL

Difficult decisions in GI bleeding: a case based discussion. Digestive Disease Week. May 4, 2014, Chicago, IL

The Fecal Microbiome in Diverticulitis and Uncomplicated Diverticulosis. Digestive Disease Week. May 3, 2014, Chicago, IL

Obesity Modifies the Effect of Young Age and Hispanic Ethnicity on Risk of Diverticulitis. Digestive Disease Week. May 6, 2014, Chicago, IL

Diverticular Disease: Dispelling the Myths. American College of Gastroenterology Post-graduate Course. October 18, 2014, Philadelphia, PA

Hemorrhoidal or not hemorrhoidal: That is the question. American College of Gastroenterology Postgraduate Course. October 18, 2014, Philadelphia, PA

The Spectrum of Diverticular Disease. American College of Gastroenterology Western Regional Course. January 24, 2015, Las Vegas, NV

Difficult decisions in GI bleeding: a case based discussion. Digestive Disease Week. May 19, 2015, Washington, D.C.

Diverticulitis: What's New? Ernestine Hambrick, MD, Lectureship. Annual Meeting American Society of Colon and Rectal Surgeons. June 2, 2015, Boston, MA

Myths and Facts: Diverticular Disease. American College of Gastroenterology Visiting Professorship. Wake Forest University, June 18, 2015, Winston-Salem, NC

Colonoscopy for Acute Lower GI Bleeding: When and in Whom. American College of Gastroenterology Visiting Professorship. Wake Forest University, June 18, 2015, Winston-Salem, NC

Prevention of Recurrent Diverticulitis: What's the Evidence. American College of Surgeons Clinical Congress. October 5, 2015, Chicago, IL

Diverticulitis: New Concepts. American Society for Gastrointestinal Endoscopy Postgraduate Course. October 17, 2015, Honolulu, HI

Lower GI Bleeding: Optimizing Patient Outcomes. American Society for Gastrointestinal Endoscopy Postgraduate Course. October 16, 2015, Honolulu, HI

Medical Management of GI Bleed in 2016. Digestive Disease Week. May 24, 2016, San Diego, CA

Diverticulitis: New concepts. Vanderbilt University Gastroenterology, Hepatology and Nutrition Update. September 23, 2016, Nashville, TN

Diverticular Disorders: Medical or Surgical Management. American College of Gastroenterology Annual Meeting. October 16 2016, Las Vegas, NV

Prevention of Diverticulitis: What Can We Do? American College of Gastroenterology Annual Meeting. October 17, 2016, Las Vegas, NV

Lower GI bleeding. American College of Gastroenterology Annual Meeting. October 18 2016, Las Vegas, NV

Diverticular Disease: Myths and Facts. Visiting Professor. Division of Gastroenterology Mayo Clinic Scottsdale, December 8, 2016, Scottsdale, AZ

Prevention of Diverticulitis: Medical and surgical options. Visiting Professor. Medical Grand Rounds. Department of Medicine Mayo Clinic Scottsdale, December 9, 2016, Scottsdale, AZ

Places, People, Projects and Priorities. Visiting Professor for Career Mentorship. Brigham and Women's Hospital, January 25, 2017, Boston, MA

Prevention of Recurrent diverticulitis: Surgical and Medical Strategies. Visiting Professor for Career Mentorship. Brigham and Women's Hospital, January 26, 2017, Boston, MA

The Difficult GI bleeder. American College of Gastroenterology Regional Course. March 11, 2017, Las Vegas, NV

Upper GI Bleeding. Learning Luncheon. Digestive Disease Week. May 7, 2017, Chicago, IL

Diverticular Disease – Evolving concepts and approaches to management. Ohio Gastroenterological Society, September 15, 2017, Columbus, OH

Diverticular (and Other) Lower GI Bleeding: New Data and New Guidelines. American College of Gastroenterology Annual Meeting and World Congress of Gastroenterology, October 17, 2017, Orlando, FL

Lower GI Bleeding From Diagnosis to Management. ACG Southern Regional Postgraduate Course. December 3, 2017, Nashville, TN

New Developments in Non-surgical Management of the Patient with Diverticular Disease. ACG Midwest Regional Course. August 25, 2017, Indianapolis, IN.

Regional

Early Predictors of Severity in Acute Lower GI Bleeding. New England Endoscopy Society Meeting March 23, 2001, Boston, MA

The Management of Acute Lower Intestinal Bleeding. St. Elizabeth's Medical Center. Medical Grand Rounds. February 19, 2003, Boston, MA

Lower GI Bleeding. Massachusetts General Hospital Gastroenterology Division Grand Rounds. September 7, 2004, Boston, MA

Lower GI Bleeding. New England Endoscopy Society Annual Endoscopy Course. Boston Medical Center. July 2004. Boston, MA

Lower GI Bleeding. New England Endoscopy Society Annual Endoscopy Course. Brigham and Women's Hospital, July 16, 2005. Boston, MA

Best of Outcomes Research. Best of Digestive Disease Week Regional Course. June 5, 2010, Seattle, WA

Colonoscopy for lower GI bleeding: Who, what, when, why, where. Pacific Northwest Gastroenterology Society Endoscopy Course, September 17, 2011, Seattle, WA

Diverticular disease and lower GI bleeding. Best of Digestive Disease Week Regional Course. June 9, 2012, Seattle, WA

Diverticular Disease: What's New. 45th Annual Advances in Family Medicine and Primary Care. September 12, 2017, Seattle, WA

EDITORIALS AND INVITED REVIEWS

1. **Strate, LL.** Prevention of diverticular perforation – Still a problem for the 21st Century. Evidence-Based Gastroenterology 2004; 5(2):60-61.
2. **Strate LL.** Lower GI bleeding – epidemiology and diagnosis. Gastroenterology Clinics of North America 2005; 34: 643-664.
3. **Strate LL, Nauman CR.** The role of colonoscopy and radiologic procedures in the management of acute lower intestinal bleeding. Clin Gastroenterol Hepatol. 2010;8(4):333-43.
4. **Strate LL.** Urgent colonoscopy for lower gastrointestinal bleeding – Not so fast. Am J Gastroenterology 2010; 105:2643-45.
5. **Strate, LL.** Diverticulosis and Dietary Fiber: Rethinking the Relationship.. Gastroenterology 2012;142(2):205-7.
6. Lewey, D, **Strate, LL.** Pros and Cons of colonoscopy in the management of acute lower intestinal bleeding. World J Gastroenterol 2012;18(11):1185-90.
7. **Strate, LL.** Lifestyle factors and the course of diverticular disease. Dig Dis 2012; 30 (1):35-45.
8. Templeton AW, **Strate LL.** Updates in diverticular disease. Curr Gastroenterol Rep. 2013;15:339
9. **Strate LL.** Nonsteroidal anti-inflammatory drugs and risk of GI bleeding: don't forget the colon. Gastrointest Endosc. 2014 Dec;80(6):1132-4. PMID:25434661
10. **Strate LL, Peery AF, Neumann I.** American Gastroenterological Association Institute Technical Review on the Management of Acute Diverticulitis. Gastroenterology 2015 Dec;149(7):1950-76.

11. **Strate LL**, Imperiale TF. Has an observational study of early vs elective colonoscopy for acute lower gastrointestinal hemorrhage answered questions that clinical trials could not? *Clin Gastroenterol Hepatol* 2016; 14(4):565-7
12. Saxena N, **Strate LL**. Diverticular stigmata of recent hemorrhage: find one, probe one, treat one. *Gastrointest Endosc* 2016 Feb;83(2):424-6.
13. **Strate LL**, Gralnek I. American College of Gastroenterology Practice Guideline: Management of patients with lower gastrointestinal bleeding. *Am J Gastroenterol* 2016; 111:459-474
14. Herman ML, **Strate LL**. Website review: Review of patient-oriented websites on diverticular disease. *Gastroenterol* 2015 149(1):256-7.
15. Swanson SM, **Strate LL**. Acute Colonic Diverticulitis. *Ann Intern Med* 2018. PMID 29710265