


Stanford




Shai Friedland

Professor of Medicine (Gastroenterology and Hepatology)

Medicine - Gastroenterology & Hepatology

 NIH Biosketch available Online

 Curriculum Vitae available Online

CLINICAL OFFICES

- **VA Palo Alto Health Care System Dept of Gastroenterology**

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Bio

CLINICAL FOCUS

- Endoscopy
- Gastroenterology

ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Medicine - Gastroenterology & Hepatology
- Member, Wu Tsai Neurosciences Institute

PROFESSIONAL EDUCATION

- Medical Education: University of California San Diego School of Medicine (1996) CA
- Residency: Stanford University Internal Medicine Residency (1999) CA
- Internship: Stanford University Internal Medicine Residency (1997) CA
- Fellowship: Stanford University Gastroenterology Fellowship (2002) CA
- Board Certification: Gastroenterology, American Board of Internal Medicine (2002)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

1. Gastrointestinal Endoscopy- Techniques and Outcomes
2. Noninvasive colorectal cancer screening
3. Medical device development in gastroenterology

CLINICAL TRIALS

- Advanced Gastrointestinal Endoscopic Imaging, Recruiting

Publications

PUBLICATIONS

- **Is Submucosal Injection Helpful in Cold Snare Polypectomy for Small Colorectal Polyps?** *Clinical endoscopy*
Song, J. H., Friedland, S.
2021
- **Development and clinical validation of a blood test for early detection of colorectal adenomas and cancer.**
Friedland, S., Pan, J. Y., Watson, D., Chen Yu, Nimgaonkar, A., Gulzar, Z., Gupta, P., Atkins, A., Lai Jr-Ming, Hsieh Ben, Su, S., Ciu, I., Setthasap, P., Sninsky, J., et al
LIPPINCOTT WILLIAMS & WILKINS.2021
- **Endoscopic Full-Thickness Resection of Polyps Involving the Appendiceal Orifice: A Multicenter International Experience.** *Endoscopy*
Ichkhanian, Y. n., Barawi, M. n., Thakkar, S. J., Seoud, T. n., Kothari, T. H., Halabi, M. E., Ullah, A. n., Edris, W. n., Aepli, P. n., Kowalski, T. E., Shinn, B. n., Sharaiha, R. Z., Mahadev, et al
2021
- **Predictive factors for adenoma detection rates: a video study of endoscopist practices.** *Endoscopy international open*
Yang, S. Y., Quan, S. Y., Friedland, S. n., Pan, J. Y.
2021; 9 (2): E216–E223
- **Use of a rigidizing overtube for altered-anatomy ERCP.** *VideoGIE : an official video journal of the American Society for Gastrointestinal Endoscopy*
Wei, M. T., Friedland, S., Watson, R. R., Hwang, J. H.
2020; 5 (12): 664–66
- **Ideal Method for Small Bowel Preparation before Video Capsule Endoscopy.** *Clinical endoscopy*
Lee, J., Friedland, S.
2020
- **Use of a rigidizing overtube to complete an incomplete colonoscopy.** *VideoGIE : an official video journal of the American Society for Gastrointestinal Endoscopy*
Wei, M. T., Hwang, J. H., Watson, R., Friedland, S.
2020; 5 (11): 583–85
- **Efficacy of Endoscopic Submucosal Dissection for Superficial Gastric Neoplasia in a Large Cohort in North America.** *Clinical gastroenterology and hepatology : the official clinical practice journal of the American Gastroenterological Association*
Ngamruengphong, S., Ferri, L., Aihara, H., Draganov, P. V., Yang, D. J., Perbtani, Y. B., Jue, T. L., Munroe, C. A., Boparai, E. S., Mehta, N. A., Bhatt, A., Kumta, N. A., Othman, et al
2020
- **NOVEL RIGIDIZING OVERTUBE FOR ENTEROSCOPE/COLONOSCOPE STABILIZATION AND LOOP PREVENTION**
Friedland, S., Watson, R. R., Hwang, J.
MOSBY-ELSEVIER.2020: AB238–AB239
- **THE RISK FACTORS OF BLEEDING IN COLD SNARE POLYPECTOMY FOR SMALL COLON POLYPS AND THE EFFECTS OF SUBMUCOSAL INJECTION**
Song, J., Friedland, S.
MOSBY-ELSEVIER.2020: AB524–AB525
- **ENDOSCOPIC FULL-THICKNESS RESECTION OF POLYPS INVOLVING THE APPENDICEAL ORIFCE: FIRST MULTICENTER INTERNATIONAL STUDY**
Ichkhanian, Y., Barawi, M., Ghandour, B., Seoud, T., Thakkar, S., Kothari, T. H., Bittner, K., Ullah, A., Kaul, V., Kothari, S., Wedi, E., Aepli, P., Kowalski, et al
MOSBY-ELSEVIER.2020: AB45–AB46
- **COLORECTAL ENDOSCOPIC SUBMUCOSAL DISSECTION FOR DYSPLASIA AND SUPERFICIAL NEOPLASMS IN INFLAMMATORY BOWEL DISEASE: A MULTICENTER STUDY FROM NORTH AMERICA**
Ngamruengphong, S., Aihara, H., Nishimura, M., Faleck, D. M., Friedland, S., Benias, P. C., Yang, D., Draganov, P. V., Kumta, N. A., Borman, Z. A., Dixon, R. E., Marion, J. F., D'Souza, et al
MOSBY-ELSEVIER.2020: AB475

- **A sensitive and quantitative multimodal blood test for the detection of colorectal adenomas and cancer: Correlation with size and number of polyps.** Friedland, S., Pan, J. Y., Watson, D., Chen, Y., Nimgaonkar, A., Gulzar, Z., Gupta, P., Lucas, J., Atkins, A., Lai, J., Hsieh, B., Su, S., Lim, et al
AMER SOC CLINICAL ONCOLOGY.2020
- **Long-term outcomes of per-oral endoscopic myotomy compared to laparoscopic Heller myotomy for achalasia: a single-center experience.** *Surgical endoscopy*
Podboy, A. J., Hwang, J. H., Rivas, H., Azagury, D., Hawn, M., Lau, J., Kamal, A., Friedland, S., Triadafilopoulos, G., Zikos, T., Clarke, J. O.
2020
- **Full-thickness resection device (FTRD) for treatment of upper gastrointestinal tract lesions: the first international experience.** *Endoscopy international open*
Hajifathalian, K. n., Ichkhanian, Y. n., Dawod, Q. n., Meining, A. n., Schmidt, A. n., Glaser, N. n., Vosoughi, K. n., Diehl, D. L., Grimm, I. S., James, T. n., Templeton, A. W., Samarasena, J. B., Chehade, et al
2020; 8 (10): E1291–E1301
- **Endoscopic submucosal dissection (ESD) for Barrett's esophagus (BE)-related early neoplasia after standard endoscopic management is feasible and safe.** *Endoscopy international open*
Tomizawa, Y. n., Friedland, S. n., Hwang, J. H.
2020; 8 (4): E498–E505
- **Novel rigidizing overtube for colonoscope stabilization and loop prevention (with video).** *Gastrointestinal endoscopy*
Wei, M. T., Hwang, J. H., Watson, R. R., Park, W. n., Friedland, S. n.
2020
- **Water-assisted colonoscopy: an international modified Delphi review on definitions and practice recommendations.** *Gastrointestinal endoscopy*
Cadoni, S. n., Ishaq, S. n., Hassan, C. n., Falt, P. n., Fuccio, L. n., Siau, K. n., Leung, J. W., Anderson, J. n., Binmoeller, K. F., Radaelli, F. n., Rutter, M. D., Sugimoto, S. n., Muhammad, et al
2020
- **The Mettle to Use the Petals: Using Over-the-Scope Rings to Optimize Endoscopic Submucosal Dissection.** *Digestive diseases and sciences*
Wei, M. T., Triadafilopoulos, G. n., Friedland, S. n.
2020
- **Risk of ambulatory colonoscopy in patients with cirrhosis: a propensity-score matched cohort study.** *Endoscopy international open*
Huang, R. J., Banerjee, S. n., Friedland, S. n., Ladabaum, U. n.
2020; 8 (10): E1495–E1501
- **Endoscopic Diagnosis of Nonpedunculated Dysplasia during Surveillance of Ulcerative Colitis: A Survey-Based Multinational Study.** *Gut and liver*
Yang, D., John, S., Mitsuhiro, F., Cha, J. M., Byeon, J., Kim, H. W., Kim, H. G., Friedland, S., Koh, Y. X., Yoon, J., Kwak, M., Ye, B. D., Kim, et al
2019
- **Lumen-apposing stents versus plastic stents in the management of pancreatic pseudocysts: a large, comparative, international, multicenter study (vol 51, pg 1035, 2019) ENDOSCOPY**
Yang, J., Chen, Y., Friedland, S., Holmes, I., Paiji, C., Law, R., Hosmer, A., Stevens, T., Matheus, F., Pawa, R., Mathur, N., Sejpal, D., Inamdar, et al
2019; 51 (11): C5
- **Lumen-apposing stents versus plastic stents in the management of pancreatic pseudocysts: a large, comparative, international, multicenter study ENDOSCOPY**
Yang, J., Chen, Y., Friedland, S., Holmes, I., Paiji, C., Law, R., Hosmer, A., Stevens, T., Matheus, F., Pawa, R., Mathur, N., Sejpal, D., Inamdar, et al
2019; 51 (11): 1035–+
- **Artificial Intelligence Based Computer Aided Detection System Reliably Detects Polyps Earlier Than Physicians During Colonoscopy**
Quan, S. Y., Friedland, S., Pirsivash, H., Kompella, R., Sachdev, V.
LIPPINCOTT WILLIAMS & WILKINS.2019: S159–S160
- **Novel Circulating Tumor Cell Assay for Detection of Colorectal Adenomas and Cancer.** *Clinical and translational gastroenterology*
Tsai, W., You, J., Hung, H., Hsieh, P., Hsieh, B., Lenz, H., Idos, G., Friedland, S., Yi-Jiun Pan, J., Shao, H., Wu, J., Lai, J., Chang, et al
2019; 10 (10): e00088
- **Radiation Training, Radiation Protection, and Fluoroscopy Utilization Practices Among US Therapeutic Endoscopists DIGESTIVE DISEASES AND SCIENCES**

Sethi, S., Barakat, M. T., Friedland, S., Banerjee, S.

2019; 64 (9): 2455–66

- **Endoscopic Submucosal Dissection is Associated with Less Pathologic Uncertainty than Endoscopic Mucosal Resection in Diagnosing and Staging Barrett's- Related Neoplasia.** *Digestive endoscopy : official journal of the Japan Gastroenterological Endoscopy Society*
Podboy, A., Kolahi, K. S., Friedland, S., Louie, C. Y.
2019
- **Endoscopic submucosal dissection in the West** *INTERNATIONAL JOURNAL OF GASTROINTESTINAL INTERVENTION*
Podboy, A., Friedland, S.
2019; 8 (3): 106–9
- **NON-EXPOSURE FULL-THICKNESS RESECTION OF COLONIC LESIONS IN THE U.S: THE FTRD EXPERIENCE**
Ichkhanian, Y., Vosoughi, K., Sharaiha, R. Z., Hajifathalian, K., Tokar, J. L., Templeton, A. W., James, T. W., Grimm, I. S., Mizrahi, M., Samarasena, J. B., Chehade, N. E., Lee, J., Chang, et al
MOSBY-ELSEVIER.2019: AB108
- **OUTCOMES OF ENDOSCOPIC SUBMUCOSAL DISSECTION VERSUS SURGERY IN EARLY GASTRIC CANCER MEETING STANDARD AND EXPANDED INDICATIONS: A MULTICENTER NORTH AMERICAN COHORT**
Kerdsirichairat, T., Wang, R., Aihara, H., Draganov, P. V., Kumta, N. A., Tomizawa, Y., Truong, C. D., Lo, S. K., Jamil, L. H., Gaddam, S., Burch, M., Dhall, D., Perbtani, et al
MOSBY-ELSEVIER.2019: AB350–AB351
- **PROPHYLACTIC ENDOSCOPIC CLOSURE DOES NOT REDUCE ADVERSE EVENTS FOLLOWING ENDOSCOPIC SUBMUCOSAL DISSECTION: A CASE-MATCHED MULTICENTER STUDY**
Mehta, A., Ngamruengphong, S., Hajifathalian, K., Shah, S. L., Dawod, E., Ferri, L. E., Aihara, H., Song, L., Hanada, Y., Kumta, N. A., Aadam, A., Siegel, A. B., James, et al
MOSBY-ELSEVIER.2019: AB97
- **ARTERIOVENOUS MALFORMATIONS RESPOND POORLY TO ARGON PLASMA COAGULATION IN PATIENTS WITH CONTINUOUS FLOW LEFT VENTRICULAR ASSIST DEVICES**
Zikos, T., Namdaran, P., Banerjee, D., Friedland, S., Pan, J. Y.
MOSBY-ELSEVIER.2019: AB563–AB564
- **ENDOSCOPIC SUBMUCOSAL DISSECTION IS ASSOCIATED WITH LESS PATHOLOGIC UNCERTAINTY THAN ENDOSCOPIC MUCOSAL RESECTION IN DIAGNOSING AND STAGING BARRET'S RELATED NEOPLASIA**
Podboy, A. J., Louie, C., Kolahi, K., Friedland, S.
MOSBY-ELSEVIER.2019: AB469–AB470
- **ENDOSCOPIC SUBMUCOSAL DISSECTION FOR GASTRIC NEOPLASIA: A LARGE MULTICENTER STUDY FROM NORTH AMERICA**
Ngamruengphong, S., Ferri, L. E., Aihara, H., Draganov, P. V., Yang, D., Perbtani, Y. B., Hanada, Y., Song, L., Kumta, N. A., Othman, M. O., Mercado, M. O., Javaid, H., Aadam, et al
MOSBY-ELSEVIER.2019: AB102–AB103
- **A Chance to Cut Is a Chance to Cure: Endoscopic Submucosal Dissection for Early Gastric Cancer** *DIGESTIVE DISEASES AND SCIENCES*
Huang, R. J., Charville, G. W., Hwang, J., Friedland, S.
2019; 64 (5): 1129–32
- **Radiation Training, Radiation Protection, and Fluoroscopy Utilization Practices Among US Therapeutic Endoscopists.** *Digestive diseases and sciences*
Sethi, S., Barakat, M. T., Friedland, S., Banerjee, S.
2019
- **Lumen apposing metal stents are superior to plastic stents in pancreatic walled-off necrosis: a large international multicenter study.** *Endoscopy international open*
Chen, Y., Yang, J., Friedland, S., Holmes, I., Law, R., Hosmer, A., Stevens, T., Franco, M. C., Jang, S., Pawa, R., Mathur, N., Sejpal, D. V., Inamdar, et al
2019; 7 (3): E347–E354
- **Lumen-apposing stents versus plastic stents in the management of pancreatic pseudocysts: a large, comparative, international, multicenter study.** *Endoscopy*
Yang, J., Chen, Y., Friedland, S., Holmes, I., Paiji, C., Law, R., Hosmer, A., Stevens, T., Matheus, F., Pawa, R., Mathur, N., Sejpal, D., Inamdar, et al
2019

- **Arteriovenous malformations respond poorly to argon plasma coagulation in patients with continuous flow left ventricular assist devices.** *European journal of gastroenterology & hepatology*
Zikos, T. A., Namdaran, P. n., Banerjee, D. n., Friedland, S. n., Pan, J. Y.
2019; 31 (7): 792–98
- **When Experts Fail: Use of a Short Turning Radius Colonoscope Facilitates Successful Completion of Colonoscopy in Patients with Bowel Fixity.** *Digestive diseases and sciences*
Girotra, M. n., Sethi, S. n., Barakat, M. T., Huang, R. J., Friedland, S. n., Ladabaum, U. n., Banerjee, S. n.
2019
- **Lumen-apposing stents versus plastic stents in the management of pancreatic pseudocysts: a large, comparative, international, multicenter study.** *Endoscopy*
Yang, J., Chen, Y., Friedland, S., Holmes, I., Paiji, C., Law, R., Hosmer, A., Stevens, T., Matheus, F., Pawa, R., Mathur, N., Sejpal, D., Inamdar, et al
2018
- **Isolated pancreatic tail remnants after transgastric necrosectomy can be observed.** *The Journal of surgical research*
Dua, M. M., Jensen, C. W., Friedland, S., Worth, P. J., Poultides, G. A., Norton, J. A., Park, W. G., Visser, B. C.
2018; 231: 109–15
- **Endoscopic diagnosis of non-pedunculated dysplasia during surveillance in the ulcerative colitis: A survey-based, multinational studies**
Yang, D., John, S., Mitsuhiro, F., Cha, J., Byeon, J., Kim, H., Kim, H., Friedland, S., Koh, Y., Yoon, J., Kwak, M., Ye, B., Yang, et al
WILEY.2018: 64
- **Precision care for Barrett's esophagus** *TRANSLATIONAL GASTROENTEROLOGY AND HEPATOLOGY*
Triadafilopoulos, G., Friedland, S.
2018; 3
- **Utility and performance characteristics of a novel submucosal injection agent (Eleview (TM)) for endoscopic mucosal resection and endoscopic submucosal dissection** *TRANSLATIONAL GASTROENTEROLOGY AND HEPATOLOGY*
Girotra, M., Triadafilopoulos, G., Friedland, S.
2018; 3
- **Underwater endoscopic mucosal resection of anal condyloma.** *VideoGIE : an official video journal of the American Society for Gastrointestinal Endoscopy*
Girotra, M., Friedland, S.
2018; 3 (4): 123–24
- **Closure of large colonic defects by use of submucosal buttressedclips.** *VideoGIE : an official video journal of the American Society for Gastrointestinal Endoscopy*
Girotra, M., Friedland, S.
2018; 3 (3): 87–88
- **A Chance to Cut Is a Chance to Cure: Endoscopic Submucosal Dissection for Early Gastric Cancer.** *Digestive diseases and sciences*
Huang, R. J., Charville, G. W., Hwang, J. H., Friedland, S. n.
2018
- **Utility and performance characteristics of a novel submucosal injection agent (EleviewTM) for endoscopic mucosal resection and endoscopic submucosal dissection.** *Translational gastroenterology and hepatology*
Girotra, M. n., Triadafilopoulos, G. n., Friedland, S. n.
2018; 3: 32
- **Precision care for Barrett's esophagus.** *Translational gastroenterology and hepatology*
Triadafilopoulos, G. n., Friedland, S. n.
2018; 3: 67
- **Endoscopic Mucosal Resection with Circumferential Mucosal Incision for Colorectal Neoplasms: Comparison with Endoscopic Submucosal Dissection and between Two Endoscopists with Different Experiences** *CLINICAL ENDOSCOPY*
Yang, D., Kwak, M., Park, S., Ye, B., Byeon, J., Myung, S., Yang, S., Kim, H., Friedland, S.
2017; 50 (4): 379–87
- **Avulsion for the treatment of visible residual neoplasia during EMR of colorectal polyps: Is "heat" required? Response** *GASTROINTESTINAL ENDOSCOPY*

Holmes, I., Kim, H., Yang, D., Friedland, S.

2017; 86 (1): 251-+

- **Lumen Apposing Stents Are Superior to Plastic Stents in the Management of Pancreatic Walled-Off Necrosis: A Large International Multicenter Study**
Chen, Y., Yang, J. F., Friedland, S., Holmes, I., Law, R., Hosmer, A., Stevens, T., Franco, M. C., Jang, S., Pawa, R., Mathur, N., Sejpal, D. V., Inamdar, et al
MOSBY-ELSEVIER.2017: AB470
- **When Experts Fail: Short Turn Radius Colonoscope to the Rescue? Utility of a Novel Colonoscope for Incomplete Colonoscopy Due to Bowel Fixity**
Girotra, M., Barakat, M. T., Huang, R. J., Sethi, S., Friedland, S., Ladabaum, U., Banerjee, S.
MOSBY-ELSEVIER.2017: AB517
- **Closure of Large Colonic Defects Using Submucosal Buttressed Clips**
Friedland, S.
MOSBY-ELSEVIER.2017: AB146
- **Plastic Stents Are Comparable to Lumen Apposing Metal Stents in the Management of Pancreatic Pseudocysts: A Large International Multicenter Study**
Yang, J. F., Chen, Y., Friedland, S., Holmes, I., Law, R., Hosmer, A., Stevens, T., Franco, M. C., Jang, S., Pawa, R., Mathur, N., Sejpal, D. V., Inamdar, et al
MOSBY-ELSEVIER.2017: AB323
- **Adenoma miss rates associated with a 3-minute versus 6-minute colonoscopy withdrawal time: a prospective, randomized trial.** *Gastrointestinal endoscopy*
Kumar, S., Thosani, N., Ladabaum, U., Friedland, S., Chen, A. M., Kochar, R., Banerjee, S.
2016
- **Combining endoscopic submucosal dissection and endoscopic mucosal resection to treat neoplasia in Barrett's esophagus** *SURGICAL ENDOSCOPY AND OTHER INTERVENTIONAL TECHNIQUES*
Holmes, I., Hing, T., Friedland, S.
2016; 30 (12): 5330-5337
- **Endoscopic Therapy With Lumen-apposing Metal Stents Is Safe and Effective for Patients With Pancreatic Walled-off Necrosis** *CLINICAL GASTROENTEROLOGY AND HEPATOLOGY*
Sharaiha, R. Z., Tyberg, A., Khashab, M. A., Kumta, N. A., Karia, K., Nieto, J., Siddiqui, U. D., Waxman, I., Joshi, V., Benias, P. C., Darwin, P., Dimaio, C. J., Mulder, et al
2016; 14 (12): 1797-1803
- **EUS to the Rescue: Endoscopic Ultrasound-Guided Transgastric Cholecystostomy in Acute Cholecystitis** *DIGESTIVE DISEASES AND SCIENCES*
Kochar, R., Kumar, U., Triadafilopoulos, G., Friedland, S.
2016; 61 (12): 3436-3439
- **Adenosine triphosphate bioluminescence for bacteriological surveillance and reprocessing strategies for minimizing risk of infection transmission by duodenoscopes.** *Gastrointestinal endoscopy*
Sethi, S., Huang, R. J., Barakat, M. T., Banaei, N., Friedland, S., Banerjee, S.
2016
- **Avulsion is superior to argon plasma coagulation for treatment of visible residual neoplasia during EMR of colorectal polyps (with videos).** *Gastrointestinal endoscopy*
Holmes, I., Kim, H. G., Yang, D., Friedland, S.
2016; 84 (5): 822-829
- **Colonoscopy with polypectomy is associated with a low rate of complications in patients with cirrhosis.** *Endoscopy international open*
Huang, R. J., Perumpail, R. B., Thosani, N., Cheung, R., Friedland, S.
2016; 4 (9): E947-52
- **Endoscopic Mucosal Resection versus Endoscopic Submucosal Dissection for Large Polyps: A Western Colonoscopist's View.** *Clinical endoscopy*
Holmes, I., Friedland, S.
2016; 49 (5): 454-456
- **Outcomes of endoscopic treatment of second recurrences of large nonpedunculated colorectal adenomas** *SURGICAL ENDOSCOPY AND OTHER INTERVENTIONAL TECHNIQUES*
Kim, H. G., Sethi, S., Banerjee, S., Friedland, S.
2016; 30 (6): 2457-2464

- **Minimally invasive approaches to resection of benign/low-grade gastric tumors** *SURGICAL ENDOSCOPY AND OTHER INTERVENTIONAL TECHNIQUES*
Salles, A., Dua, M., Friedland, S., Visser, B.
2016; 30 (6): 2624–25
- **Comparative Analysis of Endoscopic Mucosal Resection With Circumferential Mucosal Incision and Endoscopic Submucosal Dissection for the Treatment of Colorectal Neoplasms**
Yang, D., Kwak, M., Ye, B., Byeon, J., Myung, S., Yang, S., Kim, H., Friedland, S.
MOSBY-ELSEVIER.2016: AB236
- **Combining Endoscopic Submucosal Dissection and Endoscopic Mucosal Resection to Treat Neoplasia in Barrett's Esophagus**
Holmes, I., Hing, T., Friedland, S.
MOSBY-ELSEVIER.2016: AB558
- **Outpatient Colorectal Endoscopic Submucosal Dissection: Results of a Practical Approach in the USA**
Yang, D., Kim, H., Friedland, S.
MOSBY-ELSEVIER.2016: AB383
- **Avulsion Is Superior to Argon Plasma Coagulation for Treatment of Visible Residual Neoplasia During Endoscopic Mucosal Resection of Colorectal Polyps**
Holmes, I., Friedland, S.
MOSBY-ELSEVIER.2016: AB118–AB119
- **How Good Is Good Enough? Lymph Node Metastasis After Endoscopic Resection of a Rectosigmoid Polyp.** *Digestive diseases and sciences*
Holmes, I., Triadafilopoulos, G., Jensen, K., Friedland, S.
2016; 61 (3): 704-707
- **Surgical Strategies for the Management of Necrotizing Pancreatitis** *JOURNAL OF THE PANCREAS*
Dua, M. M., Worhunsky, D. J., Tran, T. B., Friedland, S., Park, W. G., Visser, B. C.
2015; 16 (6): 547–58
- **The Diagnostic Yield of Endoscopic Ultrasound-Guided Fine Needle Aspiration of Subcentimeter Lesions**
Huang, R. J., Friedland, S., Sethi, S., Ullah, S., Chen, A. M.
NATURE PUBLISHING GROUP.2015: S664
- **Cyst Fluid Glucose is Rapidly Feasible and Accurate in Diagnosing Mucinous Pancreatic Cysts.** *American journal of gastroenterology*
Zikos, T., Pham, K., Bowen, R., Chen, A. M., Banerjee, S., Friedland, S., Dua, M. M., Norton, J. A., Poultsides, G. A., Visser, B. C., Park, W. G.
2015; 110 (6): 909-914
- **Predictive Factors for Surgery Among Patients with Pancreatic Cysts in the Absence of High-Risk Features for Malignancy** *JOURNAL OF GASTROINTESTINAL SURGERY*
Quan, S. Y., Visser, B. C., Poultsides, G. A., Norton, J. A., Chen, A. M., Banerjee, S., Friedland, S., Park, W. G.
2015; 19 (6): 1101-1105
- **Endoscopic Mucosal Resection With Circumferential Precut (Precut EMR) for Colorectal Neoplasia: Comparative Analysis With Endoscopic Submucosal Dissection**
Yang, D., Bae, J., Soh, J., Lee, S., Lee, H., Lee, H., Park, S., Kim, K., Ye, B., Byeon, J., Myung, S., Yang, S., Kim, et al
MOSBY-ELSEVIER.2015: AB168
- **Multicenter Experience With a Lumen Apposing Stent for Walled-Off Pancreatic Necrosis (WOPN): the US Experience**
Sharaiha, R. Z., Tyberg, A., Khashab, M., Karia, K., Siddiqui, U. D., Waxman, I., Joshi, V., Benias, P. C., Darwin, P., Dimaio, C. J., Mulder, C., Friedland, S., Forcione, et al
MOSBY-ELSEVIER.2015: AB161–AB162
- **Multi-Center Experience With the Cryoballoon Focal Ablation System (CAS) for Esophageal Dysplasia**
Wang, K. K., Chen, A. M., Friedland, S., Jobe, B. A.
MOSBY-ELSEVIER.2015: AB522
- **Colorectal Hybrid-ESD and ESD Outcomes in an American Referral Center**
Yang, D., Kim, H., Friedland, S.
MOSBY-ELSEVIER.2015: AB272–AB273

- **A Real-Time Clinical Endoscopic System for Intraluminal, Multiplexed Imaging of Surface-Enhanced Raman Scattering Nanoparticles** *PLOS ONE*
Garai, E., Sensarn, S., Zavaleta, C. L., Loewke, N. O., Rogalla, S., Mandella, M. J., Felt, S. A., Friedland, S., Liu, J. T., Gambhir, S. S., Contag, C. H.
2015; 10 (4)
- **Radiation exposure to patients during ERCP is significantly higher with low-volume endoscopists.** *Gastrointestinal endoscopy*
Liao, C., Thosani, N., Kothari, S., Friedland, S., Chen, A., Banerjee, S.
2015; 81 (2): 391-8 e1
- **Endoscopic resection of duodenal adenomas: endoscopic mucosal resection or endoscopic submucosal dissection?** *ENDOSCOPY*
Friedland, S.
2015; 47 (2): 99–100
- **Radiation exposure to patients during ERCP is significantly higher with low-volume endoscopists.** *Gastrointestinal endoscopy*
Liao, C., Thosani, N., Kothari, S., Friedland, S., Chen, A., Banerjee, S.
2015; 81 (2): 391-398 e1
- **Short turn radius colonoscope in an anatomical model: Retroflexed withdrawal and detection of hidden polyps.** *World journal of gastroenterology*
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