Stanford



Shai Friedland

Professor of Medicine (Gastroenterology and Hepatology)

Medicine - Gastroenterology & Hepatology

NIH Biosketch available Online Curriculum Vitae available Online

CLINICAL OFFICE (PRIMARY)

- **Stanford Gastroenterology and Digestive Health Clinic**

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Bio

CLINICAL FOCUS

- Endoscopy
- Gastroenterology

ACADEMIC APPOINTMENTS

- Professor-Univ Med Line, Medicine - Gastroenterology & Hepatology
- Member, Wu Tsai Neurosciences Institute

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Division of Gastroenterology and Hepatology (2002) CA
- 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
- 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, Not Recruiting

Publications

PUBLICATIONS

- **Outcomes of Endoscopic Submucosal Dissection for Superficial Esophageal Squamous Neoplasms: A Multicenter North American Experience.** *Gastrointestinal endoscopy*
  Subrahmanyan, R., Aihara, H., Kumar, A., Schlachterman, A., Friedland, S., Hwang, J. H., Othman, M., Jawaid, S., Ferri, L., Teshima, C., Mosko, J., Bechara, R., Samarasena, et al
  2025

- **The Current Landscape of Endoscopic Submucosal Training in the United States.** *Current gastroenterology reports*
  Wei, M. T., Friedland, S., Hwang, J. H.
  2025; 27 (1): 1-9

- **Spray Cryotherapy Esophageal Consortium (SPEC) Consensus Recommendations for Liquid Nitrogen Spray Cryotherapy in Barrett's Esophagus and Esophageal Cancer using a Modified Delphi Process.** *The American journal of gastroenterology*
  Shah, T., Ansari, Z., Ahmad, A., Coyle, W., Greenwald, B. B., Kachaamy, T., Kothari, S., Sharma, N., Smallfield, G., Thakkar, S., Tsai, F., Zhang, H., Friedland, et al
  2025

- **Clinical Outcomes of Endoscopic Submucosal Dissection for Residual Neoplasia After Incomplete Resection of Large Non-Pedunculated Colorectal Polyps: A Large Multicenter Propensity Match Study.** *Gastrointestinal endoscopy*
  Robalino Gonzaga, E., Zhang, Y., Mohammed, A. S., Bani Fawwaz, B. A., Farooq, A., Khan, N. I., King, W. W., Jawaid, S. A., Othman, M. O., Khalaf, M. A., Friedland, S., Joseph, A., Hwang, et al
  2025

- **Endoscopic Submucosal Dissection for Previously Attempted Colorectal Lesions: An International Multicenter Experience.** *Clinical gastroenterology and hepatology : the official clinical practice journal of the American Gastroenterological Association*
  Arayakarnkul, S., Aihara, H., Repici, A., Maselli, R., Capogreco, A., Da Rio, L., Kawaguti, F. S., Maluf-Filho, F., Nishimura, M., Satoi, S., Nagao, S., Friedland, S., Bechara, et al
  2025

- **Use Patterns, Technical Challenges and Patient Selection Associated With Single Use Duodenoscopes & Duodenoscopes With Single Use Endcaps In The United States & Canada.** *Gastrointestinal endoscopy*
  Barakat, M. T., Singh, K., Wei, M., Friedland, S., Banerjee, S.
  2024

- **Novel Modified Endoscopic Suction Overtube for Clearance of Gastric Blood Clots During Urgent Upper Endoscopy**
  Joseph, A., Li, A., Friedland, S.
  LIPPINCOTT WILLIAMS & WILKINS.2024: S2153

- **What's Behind it all: A Retrospective Cohort Study of Retrogastric Pancreatic Necrosis Management.** *Annals of surgery*
  Harrison, J. M., Day, H., Arnow, K., Ngongoni, R. F., Joseph, A., Aldridge, T., Wheeler, K. J., DeLong, J. C., Bergquist, J. R., Worth, P. J., Dua, M. M., Friedland, S., Park, et al
  2024

- **A prospective randomized controlled trial of water exchange plus cap versus water exchange colonoscopy in unsedated Veterans.** *Gastrointestinal endoscopy*
  Leung, F. W., Cheung, R., Friedland, S., Jacob, N., Leung, J. W., Pan, J. Y., Quan, S. Y., Sul, J., Yen, A. W., Jamgotchian, N., Chen, Y., Dixit, V., Shaikh, et al
  2024

- **OUTCOMES OF ENDOSCOPIC SUBMUCOSAL DISSECTION FOR SUPERFICIAL ESOPHAGEAL SQUAMOUS NEOPLASMS: A MULTICENTER NORTH AMERICAN EXPERIENCE**
  Subrahmanyan, R., Almario, J., Aihara, H., Kumar, A., Schlachterman, A., Friedland, S., Hwang, J., Othman, M., Jawaid, S., Ferri, L., Teshima, C., Mosko, J., Bechara, et al
  MOSBY-ELSEVIER.2024: AB1068-AB1069

- **EVALUATION OF THE SAFETY AND FEASIBILITY OF OUTPATIENT COLORECTAL ENDOSCOPIC SUBMUCOSAL DISSECTION**
  Wei, M., Friedland, S.
  MOSBY-ELSEVIER.2024: AB505-AB506

- **LONG TERM OUTCOMES OF NON-CURATIVE ENDOSCOPIC SUBMUCOSAL DISSECTION FOR COLORECTAL LESIONS**
  Almario, J., Hiroyuki, A., Kumar, A., Schlachterman, A., Maluf-Filho, F., Othman, M., Jawaid, S., Teshima, C., Mosko, J., Draganov, P., Bechara, R., Schiavone, G., Le, et al
  MOSBY-ELSEVIER.2024: AB469-AB470

- **OUTCOMES OF ENDOSCOPIC SUBMUCOSAL DISSECTION FOR SUPERFICIAL ESOPHAGEAL SQUAMOUS NEOPLASMS: A MULTICENTER NORTH AMERICAN EXPERIENCE**
  Subrahmanyan, R., Almario, J., Aihara, H., Kumar, A., Schlachterman, A., Friedland, S., Hwang, J., Othman, M., Jawaid, S., Ferri, L., Teshima, C., Mosko, J., Bechara, et al
  MOSBY-ELSEVIER.2024: AB992-AB993

- **NORTH AMERICAN EXPERIENCE OF ENDOSCOPIC SUBMUCOSAL DISSECTION OF DISTAL RECTAL LESIONS EXTENDING TO THE DENTATE LINE - A LARGE SCALE MULTICENTER STUDY**
  Malik, T., Khan, A., Gopakumar, H., Dahiya, D., Vohra, I., Zelt, C., Flanagan, M., Ladd, A., Aadam, A., Kang, A., Saeed, A., Khalaf, M., Othman, et al
  MOSBY-ELSEVIER.2024: AB470-AB471

- **EVALUATION OF THE SAFETY AND FEASIBILITY OF OUTPATIENT COLORECTAL ENDOSCOPIC SUBMUCOSAL DISSECTION**
  Wei, M., Friedland, S.
  MOSBY-ELSEVIER.2024: AB595-AB596

- **Multisite external validation of blood test for colorectal neoplasia screening in a majority average-risk screening cohort of 449 subjects.**
  Friedland, S., Watson, D., Rex, D. K., Nimgaonkar, A., Zhang, Z., Atkins, A., Hsieh, B., Lai, J., Su, S., Wu, J., Shao, H., Tesoriero, J., Hannah, et al
  LIPPINCOTT WILLIAMS & WILKINS.2024: 66

- **Real Time Maximum Insertion Pain in Unsedated Colonoscopy - Water Exchange vs Water Exchange Plus Cap: A Multi-Site, Multi-Investigator Randomized Controlled Trial in Veterans**
  Leung, F. W., Cheung, R., Friedland, S., Jacob, N., Leung, J., Pan, J., Quan, S. Y., Sul, J., Yen, A., Jamgotchian, N., Chen, Y., Vivek, D., Sheikh, et al
  LIPPINCOTT WILLIAMS & WILKINS.2023: S541

- **Evaluation of Computer Aided Detection During Colonoscopy Among Veterans: A Randomized Clinical Trial**
  Wei, M., Chen, Y., Quan, S., Pan, J., Wong, R. J., Friedland, S.
  LIPPINCOTT WILLIAMS & WILKINS.2023: S264

- **Artificial Intelligence-Assisted Colonoscopy in Real World Clinical Practice: A Systematic Review and Meta-Analysis**
  Wei, M., Fay, S., Yung, D., Ladabaum, U., Kopylov, U.
  LIPPINCOTT WILLIAMS & WILKINS.2023: S264-S265

- **Low Delayed Bleeding and High Complete Closure Rate of Mucosal Defects with the Novel Through-The-Scope Dual Action Tissue Clip After Endoscopic Resection of Large Non-Pedunculated Colorectal Lesions.** *Gastrointestinal endoscopy*
  Mohammed, A. S., Robalino Gonzaga, E., Hasan, M. K., Saeed, A., Friedland, S., Bilal, M., Sharma, N., Jawaid, S., Othman, M., Khalaf, M. A., Hwang, J. H., Viana, A., Singh, et al
  2023

- **Strategies to manage the difficult colonoscopy.** *World journal of gastrointestinal endoscopy*
  Wei, M. T., Friedland, S.
  2023; 15 (7): 491-495

- **Multicenter evaluation of recurrence in endoscopic submucosal dissection and endoscopic mucosal resection in the colon: A Western perspective.** *World journal of gastrointestinal endoscopy*
  Wei, M. T., Zhou, M. J., Li, A. A., Ofosu, A., Hwang, J. H., Friedland, S.
  2023; 15 (6): 458-468

- **COMPARING THROUGH-THE-SCOPE HELIX TACK AND SUTURE DEVICE (TTSS) WITH THROUGH-THE-SCOPE CLIPS (TTSC) IN MUCOSAL DEFECT CLOSURE FOLLOWING COLORECTAL ENDOSCOPIC SUBMUCOSAL DISSECTION (ESD): A PROPENSITY SCORE-MATCHED ANALYSIS**
  Farha, J., Othman, M., Jawaid, S., Schlachterman, A., Kumar, A., Friedland, S., Storm, A., Yang, D., Hasan, M., Mercado, M., Khan, A., Sayegh, L., Arayakarnkul, et al
  MOSBY-ELSEVIER.2023: AB736-AB737

- **INITIAL MULTICENTER PROSPECTIVE EXPERIENCE ON A NOVEL DUAL ACTION TISSUE CLIP FOR COMPLETE CLIP CLOSURE AFTER RESECTION OF LARGE NON-PEDUNCULATED COLORECTAL POLYPS (LNPCPS)**

Hayat, M., Friedland, S., Hasan, M., Saeed, A., Bilal, M., Viana, A., Singh, S., Cosgrove, N., Jain, D., Arain, M., Kadkhodayan, K., Yang, D.
MOSBY-ELSEVIER.2023: AB501-AB502

- **ENDOSCOPIC SUBMUCOSAL DISSECTION OF ESOPHAGEAL ADENOCARCINOMA DEEMED PATHOLOGICALLY CURATIVE RESULTS IN FEW RECURRENCES AT LONG-TERM SURVEILLANCE: A NORTH AMERICAN STUDY**
  Schenck, R., Bhatt, A., Ngamruengphong, S., Friedland, S., Aihara, H., Dewitt, J., Patrie, J., Foster, S., Joseph, A., Arayakarnkul, S., Mercado, M., Northern, N., Aadam, et al
  MOSBY-ELSEVIER.2023: AB1018-AB1019

- **Use of anchor pronged clips to close complex polyp resection defects.** *VideoGIE : an official video journal of the American Society for Gastrointestinal Endoscopy*
  Wei, M. T., Friedland, S.
  2023; 8 (6): 245-246

- **OUTCOMES OF ENDOSCOPIC SUBMUCOSAL DISSECTION FOR PREVIOUSLY ATTEMPTED COLORECTAL LESIONS: AN INTERNATIONAL MULTICENTER EXPERIENCE**
  Arayakarnkul, S., Aihara, H., Repici, A., Da Rio, L., Maselli, R., Capogreco, A., Kawaguti, F., Maluf-Filho, F., Friedland, S., Bechara, R., Mohapatra, S., Fukami, N., Joseph, et al
  MOSBY-ELSEVIER.2023: AB430-AB431

- **ENDOSCOPIC SUBMUCOSAL DISSECTION OF ESOPHAGEAL ADENOCARCINOMA DEEMED PATHOLOGICALLY CURATIVE RESULTS IN FEW RECURRENCES AT LONG-TERM SURVEILLANCE: A NORTH AMERICAN STUDY**
  Schenck, R., Bhatt, A., Ngamruengphong, S., Friedland, S., Aihara, H., Dewitt, J., Patrie, J., Foster, S., Joseph, A., Arayakarnkul, S., Mercado, M., Northern, N., Aadam, et al
  MOSBY-ELSEVIER.2023: AB1105-AB1106

- **INITIAL MULTICENTER PROSPECTIVE EXPERIENCE ON A NOVEL DUAL ACTION TISSUE CLIP FOR COMPLETE CLIP CLOSURE AFTER RESECTION OF LARGE NON-PEDUNCULATED COLORECTAL POLYPS (LNPCPS)**
  Hayat, M., Friedland, S., Hasan, M., Saeed, A., Bilal, M., Viana, A., Singh, S., Cosgrove, N., Jain, D., Arain, M., Kadkhodayan, K., Yang, D.
  MOSBY-ELSEVIER.2023: AB416-AB417

- **Evaluation of computer aided detection during colonoscopy in the community (AI-SEE): a multicenter randomized clinical trial.** *The American journal of gastroenterology*
  Wei, M. T., Shankar, U., Parvin, R., Hasan Abbas, S., Chaudhary, S., Friedlander, Y., Friedland, S.
  2023

- **Clinical performance of a multimodal screening blood test for advanced adenomas and CRC in an average-risk cohort of 1,038 participants.**
  Friedland, S., Watson, D., Rex, D. K., Nimgaonkar, A., Zhang, Z., Atkins, A., Hsieh, B., Lai, J., Su, S., Wu, J., Shao, H., Tesoriero, J., Hannah, et al
  LIPPINCOTT WILLIAMS & WILKINS.2023: 75

- **Factors Associated With Advanced Histological Diagnosis and Upstaging After Endoscopic Submucosal Dissection of Superficial Gastric Neoplasia** *TECHNIQUES AND INNOVATIONS IN GASTROINTESTINAL ENDOSCOPY*
  Gudenkauf, F. J., Mehta, A., Ferri, L., Aihara, H., Draganov, P., Yang, D. J., Jue, T. L., Munroe, C. A., Boparai, E. S., Mehta, N. A., Bhatt, A., Kumta, N. A., Othman, et al
  2023; 25 (1): 2-10

- **A NOVEL THROUGH-THE-SCOPE HELIX TACK AND SUTURE DEVICE FOR MUCOSAL DEFECT CLOSURE FOLLOWING COLORECTAL ENDOSCOPIC SUBMUCOSAL DISSECTION (ESD): A MULTICENTER STUDY.** *Endoscopy*
  Farha, J., Ramberan, H., Aihara, H., Zhang, L. Y., Mehta, A., Hage, C., Schlachterman, A., Kumar, A., Shinn, B., Canakis, A., Kim, R. E., D'Souza, L. S., Buscaglia, et al
  2022

- **Use of a novel dual-action clip for closure of complex endoscopic resection defects.** *VideoGIE : an official video journal of the American Society for Gastrointestinal Endoscopy*
  Wei, M. T., Friedland, S.
  2022; 7 (11): 389-391

- **De Novo Diagnosis of Lymphocytic Colitis After SARS-CoV-2 Vaccination** *ACG CASE REPORTS JOURNAL*
  Lee, P., Wei, M. T., Gubatan, J., Forgo, E., Berry, G. J., Verma, R., Friedland, S.
  2022; 9 (9)

- **De Novo Diagnosis of Lymphocytic Colitis After SARS-CoV-2 Vaccination.** *ACG case reports journal*
  Lee, P., Wei, M. T., Gubatan, J., Forgó, E., Berry, G. J., Verma, R., Friedland, S.
  2022; 9 (9): e00849

- **Evaluation of differential contribution of a circulating epithelial cell signal component in a multimodal colorectal neoplasia assay.**
  Friedland, S., Watson, D., Zhang, Z., Pan, J. Y., Chen, Y., Nimgaonkar, A., Gulzar, Z., Atkins, A., Taussing, D., Hsieh, B., Lai, J., Su, S., Wu, et al
  LIPPINCOTT WILLIAMS & WILKINS.2022: E15527

- **Randomized controlled trial investigating use of submucosal injection of EverLift in rates of complete resection of non-pedunculated 4-9mm polyps.** *International journal of colorectal disease*
  Wei, M. T., Louie, C. Y., Chen, Y., Pan, J. Y., Quan, S. Y., Wong, R., Brown, R., Clark, M., Jensen, K., Lau, H., Friedland, S.
  2022

- **RANDOMIZED CONTROLLED TRIAL INVESTIGATING COLD SNARE AND FORCEPS POLYPECTOMY AMONG SMALL POLYPS IN RATES OF COMPLETE RESECTION: THE TINYPOLYP TRIAL**
  Wei, M., Louie, C., Chen, Y., Pan, J. Y., Quan, S., Wong, R., Brown, R., Clark, M., Jensen, K. C., Lau, H. D., Friedland, S.
  W B SAUNDERS CO-ELSEVIER INC.2022: S142-S143

- **Randomized controlled Trial Investigating cold snare aNd forceps polypectomY among small POLYPs in rates of complete resection: the TINYPOLYP Trial.** *The American journal of gastroenterology*
  Wei, M. T., Louie, C. Y., Chen, Y., Pan, J. Y., Quan, S. Y., Wong, R., Brown, R., Clark, M., Jensen, K., Lau, H., Friedland, S.
  2022

- **Clinical evaluation of a real-time artificial intelligence-based polyp detection system: a US multi-center pilot study.** *Scientific reports*
  Quan, S. Y., Wei, M. T., Lee, J., Mohi-Ud-Din, R., Mostaghim, R., Sachdev, R., Siegel, D., Friedlander, Y., Friedland, S.
  2022; 12 (1): 6598

- **Endoscopic submucosal dissection for colorectal dysplasia in inflammatory bowel disease: a US multicenter study.** *Endoscopy international open*
  Ngamruengphong, S., Aihara, H., Friedland, S., Nishimura, M., Faleck, D., Benias, P., Yang, D., Draganov, P. V., Kumta, N. A., Borman, Z. A., Dixon, R. E., Marion, J. F., D'Souza, et al
  2022; 10 (4): E354-E360

- **Cold Snare Resection of Small Colorectal Adenomas: The Second Time's a Charm.** *Digestive diseases and sciences*
  Wei, M. T., Friedland, S.
  2021

- **Over-the-Scope Clip in the Treatment of Gastrointestinal Leaks and Perforations.** *Clinical endoscopy*
  Wei, M. T., Ahn, J. Y., Friedland, S.
  2021; 54 (6): 798-804

- **Predicting Histological Diagnosis After Endoscopic Submucosal Dissection With Demographic Characteristics and Endoscopic Lesion Characteristics: An Analysis of a Large Cohort in North America**
  Gudenkauf, F., Ferri, L., Aihara, H., Draganov, P., Yang, D., Jue, T., Munroe, C., Bhatt, A., Kumta, N. A., Othman, M., Aadam, A., Siegel, A., Grimm, et al
  LIPPINCOTT WILLIAMS & WILKINS.2021: S496

- **Evaluation of EverLift in the Performance of Cold Snare Polypectomy (CSP) for 4-9mm Polyps**
  Wei, M. T., Louie, C., Chen, Y., Pan, J. Y., Quan, S. Y., Wong, R., Brown, R., Clark, M., Jensen, K., Lau, H., Friedland, S.
  LIPPINCOTT WILLIAMS & WILKINS.2021: S130-S131

- **Use of the Rigidizing Overtube in Assisting Endoscopic Submucosal Dissection Among Patients With Ulcerative Colitis**
  Wei, M. T., Hwang, J., Friedland, S.
  LIPPINCOTT WILLIAMS & WILKINS.2021: S880

- **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

- **Early Esophageal Cancer: What the Gastroenterologist Needs to Know.** *Gastroenterology clinics of North America*

  Wei, M. T., Friedland, S.

  2021; 50 (4): 791-808

- **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*
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