



Joo Ha Hwang, MD, PhD

Professor of Medicine (Gastroenterology and Hepatology) and, by courtesy, of Surgery
Medicine - Gastroenterology & Hepatology

CLINICAL OFFICE (PRIMARY)

- **Stanford Gastroenterology and Digestive Health Clinic**

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ACADEMIC CONTACT INFORMATION

- **Academic Office Administrative Contact**

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Bio

BIO

Dr. Hwang specializes in early detection of gastrointestinal malignancies including esophageal cancer, gastric (stomach) cancer, pancreatic cancer, bile duct cancer and colon cancer. Dr. Hwang performs advanced endoscopic procedures including EUS-FNA, ERCP and enteroscopy. In addition, Dr. Hwang also performs per-oral endoscopic myotomy (POEM), endoscopic mucosal resection (EMR) to resect large colorectal polyps, and endoscopic submucosal dissection (ESD) to resect early esophageal, gastric, and colorectal cancers.

Dr. Hwang has both a clinical and research interest in improving the early detection of gastric cancer. He is the Principal Investigator of the GAstric Precancerous conditions Study (GAPS), a prospective study of patients with gastric intestinal metaplasia and other precancerous conditions which combines comprehensive clinical and endoscopic data with a large bio-specimen repository. His research group uses both epidemiologic and translational approaches to understand risk factors for gastric cancer, and develop biomarkers to improve the early diagnosis of gastric cancers. He also directed public policy efforts to increase recognition of gastric cancer risk among high-risk populations, and serve as the Chairperson of the Asian American Stomach Cancer Disparity Task Force.

Dr. Hwang received his bachelor's degree from the University of Illinois at Champaign-Urbana in electrical engineering. He then received his M.D. degree from the University of Chicago and his Ph.D. in bioengineering from the University of Washington. He did his residency in internal medicine and fellowship in gastroenterology at the University of Washington and was a faculty member at the University of Washington from 2004 to 2017. He has been selected as one of "Seattle's Top Doctors" by both Seattle Magazine and Seattle Metropolitan Magazine.

Dr. Hwang is board certified in gastroenterology. He is active with local, national and international professional societies. He is a fellow of the American Society of Gastrointestinal Endoscopy (FASGE) and is a past-president of the Pacific Northwest Gastroenterology Society.

In addition to his clinical activities, Dr. Hwang is interested in medical device innovation. Dr. Hwang actively participates in research related to treatment of pancreatic cancer with focused ultrasound. He currently has NIH funding to investigate the use of focused ultrasound for enhancing drug delivery to pancreatic tumors. He is the current president of the International Society for Therapeutic Ultrasound (ISTU).

CLINICAL FOCUS

- Gastroenterology
- Endoscopy, Gastrointestinal
- Esophageal Achalasia
- Gastric Cancer

ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Medicine - Gastroenterology & Hepatology
- Professor - University Medical Line (By courtesy), Surgery - General Surgery
- Member, Bio-X

ADMINISTRATIVE APPOINTMENTS

- Director of Strategy, CARE, Stanford University, (2019- present)
- Director, Korea Outreach, CARE, Stanford University, (2019- present)
- Director, Interventional Gastroenterology and Innovation, Stanford University, (2018- present)
- Director, Inpatient Gastroenterology Services, Stanford Health Care, (2018- present)

HONORS AND AWARDS

- Top Doctor, Seattle Metropolitan Magazine (2014, 2015, 2016)
- Fredric Lizzi Award, International Society for Therapeutic Ultrasound (2014)
- Fellow, American Society for Gastrointestinal Endoscopy (2011)
- Career Development Award, American Society for Gastrointestinal Endoscopy (2004)
- Young Investigator Award, International Society for Therapeutic Ultrasound (2004)
- Research Fellowship Award, American Cancer Society (1996)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Secretary General, International Society for Therapeutic Ultrasound (2010 - 2012)
- President, International Society for Therapeutic Ultrasound (2018 - 2021)
- Member, International Society for Therapeutic Ultrasound (2002 - present)
- Board of Directors, International Society for Therapeutic Ultrasound (2016 - present)
- Board of Directors, International Society for Therapeutic Ultrasound (2008 - 2012)
- President, Pacific Northwest Gastroenterology Society (2011 - 2013)
- Board of Directors, Pacific Northwest Gastroenterology Society (2013 - 2017)
- Deputy Editor, Gut and Liver (2023 - present)
- Fellow, American Society for Gastrointestinal Endoscopy (2011 - present)
- Member, American Society for Gastrointestinal Endoscopy (2000 - 2011)
- Editorial Review Board, Gastrointestinal Endoscopy, American Society for Gastrointestinal Endoscopy (2016 - 2020)
- Member, American Gastroenterological Association (2011 - present)
- Committee Member, Center for GI Innovation and Technology, AGA Institute (2018 - present)
- Councilor, Imaging and Advanced Technology Section, American Gastroenterological Association (2014 - present)
- Chair, Asian American Stomach Cancer Disparity Task Force (2018 - 2022)

PROFESSIONAL EDUCATION

- Medical Education: Pritzker School of Medicine University of Chicago Registrar (1997) IL
- Board Certification: Gastroenterology, American Board of Internal Medicine (2005)
- Fellowship: University of Washington School of Medicine (2004) WA
- MD, University of Chicago - Pritzker School of Medicine , Medicine (1997)
- Fellowship: University of Washington School of Medicine (2003) WA
- Internship, University of Washington School of Medicine , Internal Medicine (1998)
- Residency: University of Washington School of Medicine (2000) WA
- Residency, University of Washington School of Medicine , Internal Medicine (2000)
- Fellowship, University of Washington School of Medicine , Gastroenterology (2004)
- PhD, University of Washington , Bioengineering (2005)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Specialize in early detection of gastrointestinal malignancies including esophageal, gastric, pancreatic, bile duct & colon cancers. I have both a clinical & research interest in improving the early detection of gastric cancer in particular. I am the PI of the Gastric Precancerous conditions Study, a prospective study of patients with gastric intestinal metaplasia & other precancerous conditions which combines comprehensive clinical & endoscopic data with a large bio-specimen repository.

CLINICAL TRIALS

- The GAstric Precancerous Conditions Study, Recruiting
- Magnesium for Peroral Endoscopic Myotomy, Not Recruiting

Publications

PUBLICATIONS

- **Improving the Early Diagnosis of Gastric Cancer.** *Gastrointestinal endoscopy clinics of North America*
Huang, R. J., Hwang, J. H.
2021; 31 (3): 503-517
- **An Approach to the Primary and Secondary Prevention of Gastric Cancer in the United States.** *Clinical gastroenterology and hepatology : the official clinical practice journal of the American Gastroenterological Association*
Huang, R. J., Epplein, M., Hamashima, C., Choi, I. J., Lee, E., Deapen, D., Woo, Y., Tran, T., Shah, S. C., Inadomi, J. M., Greenwald, D. A., Hwang, J. H.
2021
- **A Summary of the 2020 Gastric Cancer Summit at Stanford University.** *Gastroenterology*
Huang, R. J., Koh, H., Hwang, J. H., Summit Leaders, Abnet, C. C., Alarid-Escudero, F., Amieva, M. R., Bruce, M. G., Camargo, M. C., Chan, A. T., Choi, I. J., Corvalan, A., Davis, J. L., et al
2020
- **Gastric per-oral endoscopic myotomy for severe post-lung transplant gastroparesis: A single-center experience.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
Podboy, A. J., Clarke, J. O., Nguyen, L. A., Mooney, J. J., Dhillon, G. S., Hwang, J. H.
2020
- **AGA White Paper: Interventional Endoscopic Ultrasound - Current Status and Future Directions.** *Clinical gastroenterology and hepatology : the official clinical practice journal of the American Gastroenterological Association*
DeWitt, J. M., Arain, M. n., Chang, K. J., Sharaiha, R. n., Komanduri, S. n., Muthusamy, V. R., Hwang, J. H.
2020

- **Association of gastric intestinal metaplasia and East Asian ethnicity with the risk of gastric adenocarcinoma in a U.S. population.** *Gastrointestinal endoscopy*
Choi, A. Y., Strate, L. L., Fix, M. C., Schmidt, R. A., Ende, A. R., Yeh, M. M., Inadomi, J. M., Hwang, J. H.
2017
- **Screening and surveillance for gastric cancer in the United States: Is it needed?** *GASTROINTESTINAL ENDOSCOPY*
Kim, G. H., Liang, P. S., Bang, S. J., Hwang, J. H.
2016; 84 (1): 18-28
- **High-intensity focused ultrasound: Current potential and oncologic applications** *AMERICAN JOURNAL OF ROENTGENOLOGY*
Dubinsky, T. J., Cuevas, C., Dighe, M. K., Kolokythas, O., Hwang, J. H.
2008; 190 (1): 191-199
- **[IDEN Consensus on Management of Antithrombotic Agents in Patients Undergoing Gastrointestinal Endoscopy].** *The Korean journal of gastroenterology = Taehan Sohwagi Hakhoe chi*
Kang, S. J., Tae, C. H., Bang, C. S., Shin, C. M., Jeong, Y. H., Choi, M., Hwang, J. H., Saito, Y., Chiu, P. W., Rerknimitr, R., Khor, C., Khien, V. V., Choi, et al
2024; 83 (6): 217-232
- **Magnesium and Esophageal Pain After Peroral Endoscopic Myotomy of the Esophagus: A Randomized, Double-Blind, Placebo-Controlled Trial.** *Anesthesia and analgesia*
Kim, R. K., Kim, J. W., Angelotti, T., Esquivel, M., Tsui, B. C., Hwang, J. H.
2024
- **CLINICAL AND SEROLOGIC FEATURES OF AUTOIMMUNE METAPLASTIC ATROPHIC GASTRITIS: RESULTS OF AN ELECTRONIC HEALTH RECORDS COHORT**
Jove, A., Lin, C., Hwang, J., Fernandez-Becker, N., Huang, R.
MOSBY-ELSEVIER.2024: AB1095-AB1096
- **A NOVEL RETRACTABLE ROBOTIC DEVICE FOR COLORECTAL ENDOSCOPIC SUBMUCOSAL DISSECTION**
Kim, S., Keum, B., Jeon, H., Choi, H., Kim, E., Jeon, Y., Chun, H., Hwang, J.
MOSBY-ELSEVIER.2024: AB775
- **A VALIDATED NOVEL PREDICTIVE TOOL FOR CLINICAL RESPONSE POST GASTRIC PER-ORAL ENDOSCOPIC MYOTOMY (G-POEM) AT 6-12 MONTHS: A LARGE INTERNATIONAL MULTI-CENTER COHORT STUDY**
Ichkhanian, Y., Salame, M., Hwang, J., Li, A., Yang, J., Broucek, J., Esfandyari, T., Joseph, S., Ujiki, M., Williams, A., Moremen, J., Gouda, Z., Schlachterman, et al
MOSBY-ELSEVIER.2024: AB1132-AB1133
- **A COMPREHENSIVE ANALYSIS ON THE DIAGNOSIS AND THE MANAGEMENT OF CLINICAL FAILURE POST GASTRIC PERORAL ENDOSCOPIC MYOTOMY: AN INTERNATIONAL COHORT STUDY**
Ichkhanian, Y., Salame, M., Wo, J., Nowak, T., Stainko, S., Saito, A., Siwiec, R., Hwang, J., Li, A., Yang, J., Broucek, J., Esfandyari, T., Joseph, et al
MOSBY-ELSEVIER.2024: AB1130-AB1131
- **GASTRIC PER-ORAL ENDOSCOPIC MYOTOMY OUTCOMES STRATIFIED BY GASTROPARESIS ETIOLOGY AND RESPONSE TO PRIOR INTRAPYLORIC BOTULINUM TOXIN INJECTION - A RETROSPECTIVE ANALYSIS IDENTIFYING POSSIBLE PATIENT SELECTION CRITERIA**
Li, A., Callahan, M., Podboy, A., Hwang, J.
MOSBY-ELSEVIER.2024: AB1144
- **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**
Subrahmanyam, 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
- **SAFETY AND EFFICACY OF PERORAL ENDOSCOPIC MYOTOMY (POEM) AS AN EMERGENCY TREATMENT IN HOSPITALIZED SEVERELY SYMPTOMATIC PATIENTS WITH ACHALASIA**
Fayyaz, F., Jagannath, P., Almardini, M., Bejjani, M., Mondragon, O., Robles, M., Schlachterman, A., Le, J., Chang, K., Dang, F., Hwang, J., Li, A., Sadeghi, et al
MOSBY-ELSEVIER.2024: AB959-AB960
 - **A Novel Retractable Robotic Device for Colorectal Endoscopic Submucosal Dissection.** *Gut and liver*
Kim, S. H., Kim, C., Keum, B., Im, J., Won, S., Kim, B. G., Kim, K., Kwon, T., Hong, D., Jeon, H. J., Choi, H. S., Kim, E. S., Jeon, et al
2024
 - **Robot-assisted gastric endoscopic submucosal dissection significantly improves procedure time at challenging dissection locations.** *Surgical endoscopy*
Kim, S. H., Kwon, T., Choi, H. S., Kim, C., Won, S., Jeon, H. J., Kim, E. S., Keum, B., Jeon, Y. T., Hwang, J. H., Chun, H. J.
2024
 - **International Digestive Endoscopy Network consensus on the management of antithrombotic agents in patients undergoing gastrointestinal endoscopy.** *Clinical endoscopy*
Kang, S. J., Tae, C. H., Bang, C. S., Shin, C. M., Jeong, Y. H., Choi, M., Hwang, J. H., Saito, Y., Chiu, P. W., Rerknimitr, R., Khor, C., Khien, V. V., Choi, et al
2024; 57 (2): 141-157
 - **Safety, Efficacy and Clinical Utility of the 5.1mm EndoRotor Powered Debridement Catheter for Treatment of Walled-Off Pancreatic Necrosis.** *Gastrointestinal endoscopy*
Shinn, B., Burdick, J., Berk, K., Hwang, J. H., El-Dika, S., Juakiem, W., Han, S., Krishna, S., Khashab, M. A., Mony, S., Kadkhodayan, K., Khara, H. S., Ahmed, et al
2024
 - **Risk of Gastric Adenocarcinoma in a Multiethnic Population undergoing Routine Care: an Electronic Health Records Cohort Study.** *Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology*
Huang, R. J., Huang, E. S., Mudiganti, S., Chen, T., Martinez, M. C., Ramrakhiani, S., Han, S. S., Hwang, J. H., Palaniappan, L. P., Liang, S. Y.
2024
 - **Peroral Endoscopic Myotomy For Spastic Esophageal Dysmotility Among Opioid Users: Multicenter Propensity Score Match Study.** *Gastrointestinal endoscopy*
Bani Fawwaz, B., Zhang, Y., Farooq, A., Gorrepati, V. S., Forde, J. F., Canakis, A., Kim, R., Ma, M., Benias, P., Che, S., Ujiki, M. B., Li, A. A., Hwang, et al
2024
 - **Endoscopic Resection of Early Luminal Cancer.** *Gastrointestinal endoscopy clinics of North America*
Choi, H. S., Hwang, J. H.
2024; 34 (1): 51-78
 - **The *Helicobacter pylori* Genome Project: insights into *H. pylori* population structure from analysis of a worldwide collection of complete genomes** *NATURE COMMUNICATIONS*
Thorell, K., Munoz-Ramirez, Z. Y., Wang, D., Sandoval-Motta, S., Agostini, R., Ghirotto, S., Torres, R. C., Falush, D., Camargo, M., Rabkin, C. S., HpGP Research Network
2023; 14 (1): 8184
 - **Updated endoscopic treatment of postoperative pancreatic fluid collections** *INTERNATIONAL JOURNAL OF GASTROINTESTINAL INTERVENTION*
Hwang, J.
2023; 12: S86
 - **Detection and surveillance of gastric cancer precursors: evolving guidelines and technologies** *ANNALS OF LAPAROSCOPIC AND ENDOSCOPIC SURGERY*
Koh, J., Shunt, M., Hwang, J., Huang, R. J.
2023; 8
 - **A spatially mapped gene expression signature for intestinal stem-like cells identifies high-risk precursors of gastric cancer.** *bioRxiv : the preprint server for biology*
Huang, R. J., Wichmann, I. A., Su, A., Sathe, A., Shum, M. V., Grimes, S. M., Meka, R., Almeda, A., Bai, X., Shen, J., Nguyen, Q., Amieva, M. R., Hwang, et al
2023
 - **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., Jawaaid, S., Othman, M., Khalaf, M. A., Hwang, J. H., Viana, A., Singh, et al
2023
- **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
 - **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
 - **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
 - **CLINICAL OUTCOMES OF PERORAL ENDOSCOPIC MYOTOMY (POEM) IN PATIENTS WITH SPASTIC ESOPHAGEAL MOTILITY DISORDERS ON CHRONIC OPIOID USE: A MULTICENTER STUDY**
Fawwaz, B., Gorrepati, V., Forde, J., Canakis, A., Gerges, P., Farooq, A., Kim, R., Ma, M., Benias, P., Che, S., Ujiki, M., Li, A., Hwang, et al
MOSBY-ELSEVIER.2023: AB1083-AB1084
 - **ASGE Upper GI Tract: A Potpourri of AI, Imaging, Resection and Myotomy AN ANALYSIS OF RISK FACTORS FOR GASTRIC INTESTINAL METAPLASIA THE STANFORD GAPS STUDY**
Shum, M., Huang, R., Kim, J., Hwang, J.
MOSBY-ELSEVIER.2023: AB1234-AB1235
 - **Controlling Gastric Cancer in a World of Heterogeneous Risk.** *Gastroenterology*
Huang, R. J., Laszkowska, M., In, H., Hwang, J. H., Epplein, M.
2023
 - **Understanding the Principles of Electrosurgery for Endoscopic Surgery and Third Space Endoscopy.** *Gastrointestinal endoscopy clinics of North America*
Li, A. A., Zhou, M. J., Hwang, J. H.
2023; 33 (1): 29-40
 - **Risk of Proximal Gastrointestinal Cancer after Positive Fecal Immunochemical Test.** *Clinical gastroenterology and hepatology : the official clinical practice journal of the American Gastroenterological Association*
Zhou, M. J., Singh, G., Hwang, J. H., Ladabaum, U.
2022
 - **Management of Helicobacter pylori Infection: A Comparison between Korea and the United States.** *Gut and liver*
Kim, S. E., Hwang, J. H.
2022; 16 (4): 503-514
 - **The Gastric Cancer Registry: A Genomic Translational Resource for Multidisciplinary Research in Gastric Cancer.** *Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology*
Almeda, A. F., Grimes, S. M., Lee, H., Greer, S., Shin, G., McNamara, M., Hooker, A. C., Arce, M. M., Kubit, M., Schauer, M. C., Van Hummelen, P., Ma, C., Mills, et al
2022
 - **Role of gastric per-oral endoscopic myotomy (G-POEM) in post-lung transplant patients: a multicenter experience.** *Endoscopy international open*
Ichkhanian, Y., Hwang, J. H., Ofosu, A., Li, A. A., Szvarca, D., Draganov, P. V., Yang, D., Alsheik, E., Zuchelli, T., Piraka, C., Mony, S., Khashab, M. A.
2022; 10 (6): E832-E839
 - **A Comparison of Logistic Regression Against Machine Learning Algorithms for Gastric Cancer Risk Prediction Within Real-World Clinical Data Streams.** *JCO clinical cancer informatics*
Huang, R. J., Kwon, N. S., Tomizawa, Y., Choi, A. Y., Hernandez-Boussard, T., Hwang, J. H.

2022; 6: e2200039

- **Development of a Preliminary Question Prompt List as a Communication Tool for Adults With Achalasia: A Modified Delphi Study.** *Journal of clinical gastroenterology*
Zhuo, J., Triadafilopoulos, G., Bredenoord, A. J., Clarke, J. O., Fass, R., Gyawali, C. P., Hawn, M., Hwang, J. H., Kahrilas, P. J., Katzka, D. A., Low, D., Massey, B. T., Patel, et al
2022
- **Traction wire endoscopic submucosal dissection: tips and techniques from 4 institutions.** *VideoGIE : an official video journal of the American Society for Gastrointestinal Endoscopy*
Bhatt, A., Hwang, J. H., Sharma, N. R., Waxman, I.
1800; 7 (1): 21-22
- **The risk of diffuse-type gastric cancer following diagnosis with gastric precancerous lesions: a systematic review and meta-analysis.** *Cancer causes & control : CCC*
Wang, J. E., Kim, S. E., Lee, B. E., Park, S., Hwang, J. H., Huang, R. J.
2021
- **High-resolution photoacoustic/ultrasound imaging of the porcine stomach wall: an ex vivo feasibility study** *BIOMEDICAL OPTICS EXPRESS*
Kim, J., Ahn, J., Kang, G., Ha Hwang, J., Kim, C.
2021; 12 (11): 6717-6729
- **High-resolution photoacoustic/ultrasound imaging of the porcine stomach wall: an ex vivo feasibility study.** *Biomedical optics express*
Kim, J., Ahn, J., Kang, G., Hwang, J. H., Kim, C.
2021; 12 (11): 6717-6729
- **AGA Clinical Practice Update on Surveillance After Pathologically Curative Endoscopic Submucosal Dissection of Early Gastrointestinal Neoplasia in the United States: Commentary.** *Gastroenterology*
Wang, A. Y., Hwang, J. H., Bhatt, A., Draganov, P. V.
2021
- **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
- **Impact of Race and Ethnicity on Risks of Cardia and Non-Cardia Gastric Adenocarcinomas in the US, 2000-2019: A Large Single-Center Retrospective Cohort Study**
Kim, S., Hwang, J., Huang, R. J., Kwon, S., Park, S., Choi, C., Lee, B.
LIPPINCOTT WILLIAMS & WILKINS.2021: S635
- **Endoscopic Strictureplasty and Stent Placement for a Recalcitrant Esophageal Peptic Stricture**
Li, A., Hwang, J.
LIPPINCOTT WILLIAMS & WILKINS.2021: S875
- **Diverging Patterns of Cardia and Non-Cardia Gastric Adenocarcinoma Incidence by Race and Age in the United States From 2000-2018**
Kim, S., Huang, R. J., Hwang, J.
LIPPINCOTT WILLIAMS & WILKINS.2021: S635-S636
- **Peroral Endoscopic Myotomy for Achalasia Subtypes and Esophagogastric Outflow Obstruction: Clinical Success and GERD**
Li, A., Podboy, A., Kim, W., Esquivel, M., Hwang, J.
LIPPINCOTT WILLIAMS & WILKINS.2021: S467
- **Gastric Peroral Endoscopic Myotomy (GPOEM) Improves Symptoms and Need for Hospital Admission for Gastroparesis and Lung Transplant Patients**
Li, A., Ofosu, A., Kim, W., Podboy, A., Esquivel, M., Hwang, J.
LIPPINCOTT WILLIAMS & WILKINS.2021: S466-S467
- **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

- **Safety and efficacy of a novel resection system for direct endoscopic necrosectomy of walled-off pancreas necrosis: a prospective, international, multicenter trial.** *Gastrointestinal endoscopy*
Stassen, P. M., de Jonge, P. J., Bruno, M. J., Koch, A. D., Trindade, A. J., Benias, P. C., Sejjal, D. V., Siddiqui, U. D., Chapman, C. G., Villa, E., Tharian, B., Inamdar, S., Hwang, et al
2021
- **EUS-guided cholecystoduodenostomy and ERCP in a patient with surgically altered anatomy with a double-balloon endoluminal interventional platform.** *VideoGIE : an official video journal of the American Society for Gastrointestinal Endoscopy*
Li, A. A., Ofosu, A., Hwang, J. H.
2021; 6 (8): 368-371
- **Endoscopic Submucosal Dissection In The West - Making Progress Toward A Promising Future.** *Gastroenterology*
Tomizawa, Y., Hwang, J. H.
2021
- **Reply to Letter to the Editor.** *Clinical gastroenterology and hepatology : the official clinical practice journal of the American Gastroenterological Association*
Huang, R., Hwang, J. H.
2021
- **Pepsinogens and Gastrin Demonstrate Low Discrimination for Gastric Precancerous Lesions in a Multi-Ethnic United States Cohort.** *Clinical gastroenterology and hepatology : the official clinical practice journal of the American Gastroenterological Association*
Huang, R. n., Park, S. n., Shen, J. n., Longacre, T. n., Ji, H. n., Hwang, J. H.
2021
- **Utilization of Magnesium in Opioid-Free Anesthesia for Peroral Endoscopic Myotomy: A Case Report.** *A&A practice*
Kim, R. K., Hwang, J. H., Tsui, B. C.
2021; 15 (1): e01372
- **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.
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- **Use of a rigidizing overtube to complete an incomplete colonoscopy.** *VideoGIE : an official video journal of the American Society for Gastrointestinal Endoscopy*
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PRESENTATIONS

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