



John Clarke

Clinical Associate Professor, Medicine - Gastroenterology & Hepatology

 Curriculum Vitae available Online

CLINICAL OFFICES

- **Stanford Digestive Health Clinic**

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ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

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Bio

BIO

Dr. John Clarke recently joined the Gastroenterology & Hepatology Division at Stanford University as Director of the Esophageal Program. He previously spent 17 years in Baltimore, including 9 years on the faculty at Johns Hopkins University where he was an Associate Professor and at various times Director of Esophageal Motility, Director of Gastrointestinal Motility, Clinical Director of the Johns Hopkins Center for Neurogastroenterology, and Clinical Director of the Gastroenterology & Hepatology Division at Johns Hopkins Bayview Medical Center.

His career has combined research, education and clinical care. His clinical areas of expertise include achalasia, dysphagia, eosinophilic esophagitis, esophageal dysmotility, gastroesophageal reflux disease, gastroparesis, GI-manifestations of scleroderma and GI dysmotility. While at Johns Hopkins University, he was inducted into The Miller-Coulson Academy for Clinical Excellence, an institutional honor society for master clinicians at the time limited to 50 members across the entire university.

From an education standpoint, he has lectured in over a dozen countries, authored over 25 textbook chapters and serves on the educational affairs committee of the American College of Gastroenterology. He has also won several major teaching awards, including The Johns Hopkins University Alumni Association Award for Excellence in Teaching, given to one faculty member per year in the entire School of Medicine.

His research has focused on optimization and characterization of diagnostic studies to evaluate motility disorders, as well the relationship between therapeutic endoscopic techniques and treatment of motility disorders. He was an investigator on the NIH Gastroparesis Consortium and is also a former recipient of the AGA Don Castell Award.

CLINICAL FOCUS

- Achalasia
- Amyloidosis
- Barrett's esophagus
- Dysphagia
- Eosinophilic esophagitis
- Esophageal Dysmotility
- Esophagus
- Gastroenterology
- Gastroesophageal Reflux Disease (GERD)
- Gastroparesis
- Motility
- Scleroderma Bowel Disease

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Medicine - Gastroenterology & Hepatology

ADMINISTRATIVE APPOINTMENTS

- Director, Esophageal Program, Stanford Medicine, (2016- present)

HONORS AND AWARDS

- Award for Excellence in Teaching, John Hopkins University Alumni Association (2015)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, Scientific advisory board, Teva (2015 - present)
- Member, Scientific advisory board, ProStrakan (2012 - present)

PROFESSIONAL EDUCATION

- Board Certification: Gastroenterology, American Board of Internal Medicine (2007)
- Fellowship: Johns Hopkins University Dept of Gastroenterology (2007) MD
- Board Certification: Internal Medicine, American Board of Internal Medicine (2002)
- Residency: Johns Hopkins Hospital Internal Medicine Residency (2002) MD
- Medical Education: Columbia University College of Physicians and Surgeons (1999) NY

Research & Scholarship

CLINICAL TRIALS

- A Trial of IW-3718 for 8 Weeks in Patients With Persistent Gastroesophageal Reflux Disease (GERD) Receiving Proton Pump Inhibitors, Recruiting
- Functional Luminal Imaging Probe (FLIP) Topography Use in Patients With Scleroderma and Trouble Swallowing, Recruiting
- An Investigation of the EndoStim® Lower Esophageal Sphincter (LES) Stimulation System for the Treatment of Reflux, Not Recruiting
- Novel Endoluminal Clinical Treatment of Reflux, Not Recruiting

Publications

PUBLICATIONS

- **Mucosal impedance for esophageal disease: evaluating the evidence.** *Annals of the New York Academy of Sciences*
Clarke, J. O., Ahuja, N. K., Chan, W. W., Gyawali, C. P., Horsley-Silva, J. L., Kamal, A. N., Vela, M. F., Xiao, Y.
2020
- **The role of ambulatory 24-hour esophageal manometry in clinical practice.** *Neurogastroenterology and motility : the official journal of the European Gastrointestinal Motility Society*
Kamal, A. N., Clarke, J. O., Oors, J. M., Bredenoord, A. J.
2020: e13861

- **Marijuana, Ondansetron, and Promethazine Are Perceived as Most Effective Treatments for Gastrointestinal Nausea.** *Digestive diseases and sciences*
Zikos, T. A., Nguyen, L., Kamal, A., Fernandez-Becker, N., Regalia, K., Nandwani, M., Sonu, I., Garcia, M., Okafor, P., Neshatian, L., Grewal, D., Garcia, P., Triadafilopoulos, et al
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
- **Clinical and immunomodulatory effects of transcutaneous vagal nerve stimulation for idiopathic gastroparesis**
Gottfried-Blackmore, A., Namkoong, H., Adler, E. P., Fernandez-Becker, N., Clarke, J., Habtezion, A., Nguyen, L.
WILEY.2020
- **New Developments in the Diagnosis and Management of Gastroesophageal Reflux.** *Current treatment options in gastroenterology*
Jiang, Y., Clarke, J. O.
2020
- **Esophagogastric Junction Outflow Obstruction: Current Approach to Diagnosis and Management.** *Current gastroenterology reports*
Zikos, T. A., Triadafilopoulos, G., Clarke, J. O.
2020; 22 (2): 9
- **Changes in high-resolution manometric diagnosis over time: implications for clinical decision-making.** *Diseases of the esophagus : official journal of the International Society for Diseases of the Esophagus*
Triadafilopoulos, G., Kamal, A., Zikos, T., Nguyen, L., Clarke, J. O.
2020
- **Development of a Preliminary Question Prompt List as a Communication Tool for Adults With Gastroesophageal Reflux Disease: A Modified Delphi Study.** *Journal of clinical gastroenterology*
Kamal, A., Katzka, D. A., Achkar, E., Carlson, D., Clarke, J., Fass, R., Gyawali, C. P., Patel, D., Penagini, R., Rezaie, A., Roman, S., Savarino, E., Shaheen, et al
2020
- **Diagnosis of gastroesophageal reflux: an update on current and emerging modalities.** *Annals of the New York Academy of Sciences*
Ang, D., Lee, Y. Y., Clarke, J. O., Lynch, K., Guillaume, A., Onyimba, F., Kamal, A., Gyawali, C. P.
2020
- **Autonomic function in gastroparesis and chronic unexplained nausea and vomiting: Relationship with etiology, gastric emptying, and symptom severity.** *Neurogastroenterology and motility : the official journal of the European Gastrointestinal Motility Society*
Nguyen, L., Wilson, L. A., Miriel, L., Pasricha, P. J., Kuo, B., Hasler, W. L., McCallum, R. W., Sarosiek, I., Koch, K. L., Snape, W. J., Farrugia, G., Grover, M., Clarke, et al
2020: e13810
- **How to approach esophagogastric junction outflow obstruction?** *Annals of the New York Academy of Sciences*
Patcharatrakul, T., Alkaddour, A., Pitisuttithum, P., Jangsirikul, S., Vega, K. J., Clarke, J. O., Gonlachanvit, S.
2020
- **Open-label pilot study: Non-invasive vagal nerve stimulation improves symptoms and gastric emptying in patients with idiopathic gastroparesis.** *Neurogastroenterology and motility : the official journal of the European Gastrointestinal Motility Society*
Gottfried-Blackmore, A., Adler, E. P., Fernandez-Becker, N., Clarke, J., Habtezion, A., Nguyen, L.
2019: e13769
- **Ninety-Six Hour Wireless Esophageal pH Study in Patients with GERD Shows that Restrictive Diet Reduces Esophageal Acid Exposure.** *Digestive diseases and sciences*
Triadafilopoulos, G., Korzilius, J. W., Zikos, T., Sonu, I., Fernandez-Becker, N. Q., Nguyen, L., Clarke, J. O.
2019
- **Linacotide for the Treatment of Gastrointestinal Symptoms in Systemic Sclerosis**
Dein, E., Clarke, J., Wigley, F., McMahan, Z.
WILEY.2019
- **Motility Abnormalities Identified by Wireless Motility Capsule in Postural Orthostatic Tachycardia Syndrome**

Zikos, T. A., Zhou, W., Clarke, J. O., Nguyen, L. A., Neshatian, L.
LIPPINCOTT WILLIAMS & WILKINS.2019: S279

- **Ineffective esophageal motility: Concepts, future directions, and conclusions from the Stanford 2018 symposium** *NEUROGASTROENTEROLOGY AND MOTILITY*
Gyawali, C., Sifrim, D., Carlson, D. A., Hawn, M., Katzka, D. A., Pandolfino, J. E., Penagini, R., Roman, S., Savarino, E., Tatum, R., Vaezi, M., Clarke, J. O., Triadafilopoulos, et al
2019; 31 (9)
- **Abdominal Pain in Patients with Gastroparesis: Associations with Gastroparesis Symptoms, Etiology of Gastroparesis, Gastric Emptying, Somatization, and Quality of Life** *DIGESTIVE DISEASES AND SCIENCES*
Parkman, H. P., Wilson, L. A., Hasler, W. L., McCallum, R. W., Sarosiek, I., Koch, K. L., Abell, T. L., Schey, R., Kuo, B., Snape, W. J., Nguyen, L., Farrugia, G., Grover, et al
2019; 64 (8): 2242–55
- **Murky Waters for Diagnosis of Gastroparesis** *CLINICAL GASTROENTEROLOGY AND HEPATOLOGY*
Kunkel, D. C., Clarke, J. O.
2019; 17 (9): 1724–25
- **Gastric per-oral endoscopic myotomy: Current status and future directions** *WORLD JOURNAL OF GASTROENTEROLOGY*
Podboy, A., Hwang, J., Nguyen, L. A., Garcia, P., Zikos, T. A., Kamal, A., Triadafilopoulos, G., Clarke, J. O.
2019; 25 (21): 2581–90
- **PER-ORAL ENDOSCOPIC MYOTOMY HAS SIMILAR EFFICACY COMPARED TO LAPAROSCOPIC HELLER MYOTOMY AFTER 4 YEARS: A SINGLE CENTER EXPERIENCE**
Podboy, A. J., Hwang, J., Rivas, H., Azagury, D., Hawn, M. T., Kamal, A., Triadafilopoulos, G., Zikos, T., Clarke, J. O.
MOSBY-ELSEVIER.2019: AB201–AB202
- **Opioid Use and Potency Are Associated With Clinical Features, Quality of Life, and Use of Resources in Patients With Gastroparesis** *CLINICAL GASTROENTEROLOGY AND HEPATOLOGY*
Hasler, W. L., Wilson, L. A., Nguyen, L. A., Snape, W. J., Abell, T. L., Koch, K. L., McCallum, R. W., Pasricha, P. J., Sarosiek, I., Farrugia, G., Grover, M., Lee, L. A., Miriel, et al
2019; 17 (7): 1285–+
- **Under Pressure: Do Volume-Based Measurements Define Rectal Hyposensitivity in Clinical Practice?** *DIGESTIVE DISEASES AND SCIENCES*
Kamal, A. N., Garcia, P., Clarke, J. O.
2019; 64 (5): 1062–63
- **Ineffective esophageal motility: Concepts, future directions, and conclusions from the Stanford 2018 symposium.** *Neurogastroenterology and motility : the official journal of the European Gastrointestinal Motility Society*
Gyawali, C. P., Sifrim, D., Carlson, D. A., Hawn, M., Katzka, D. A., Pandolfino, J. E., Penagini, R., Roman, S., Savarino, E., Tatum, R., Vaezi, M., Clarke, J. O., Triadafilopoulos, et al
2019: e13584
- **Murky Waters for Diagnosis of Gastroparesis.** *Clinical gastroenterology and hepatology : the official clinical practice journal of the American Gastroenterological Association*
Kunkel, D. C., Clarke, J. O.
2019
- **Under Pressure: Do Volume-Based Measurements Define Rectal Hyposensitivity in Clinical Practice?** *Digestive diseases and sciences*
Kamal, A. N., Garcia, P., Clarke, J. O.
2019
- **High Prevalence of Slow Transit Constipation in Patients With Gastroparesis** *JOURNAL OF NEUROGASTROENTEROLOGY AND MOTILITY*
Zikos, T. A., Kamal, A. N., Neshatian, L., Triadafilopoulos, G., Clarke, J. O., Nandwani, M., Nguyen, L. A.
2019; 25 (2): 267–75
- **Abdominal Pain in Patients with Gastroparesis: Associations with Gastroparesis Symptoms, Etiology of Gastroparesis, Gastric Emptying, Somatization, and Quality of Life.** *Digestive diseases and sciences*
Parkman, H. P., Wilson, L. A., Hasler, W. L., McCallum, R. W., Sarosiek, I., Koch, K. L., Abell, T. L., Schey, R., Kuo, B., Snape, W. J., Nguyen, L., Farrugia, G., Grover, et al

2019

- **High Prevalence of Slow Transit Constipation in Patients With Gastroparesis.** *Journal of neurogastroenterology and motility*
Zikos, T. A., Kamal, A. N., Neshatian, L., Triadafilopoulos, G., Clarke, J. O., Nandwani, M., Nguyen, L. A.
2019
- **Reduction in Hospitalizations for Esophageal Reflux in a Decade with Minimal Increases in Other Functional and Motor Disorders.** *Digestive diseases and sciences*
Zikos, T. A., Hendler, S., Clarke, J. O., Triadafilopoulos, G., Nguyen, L., Limketkai, B. N.
2019
- **Esophagogastroduodenoscopy and Esophageal Involvement in Patients with Pemphigus Vulgaris.** *Dysphagia*
Ozeki, K. A., Zikos, T. A., Clarke, J. O., Sonu, I.
2019
- **Impact of nurse practitioner navigation on access to care for patients with refractory gastroesophageal reflux disease.** *Journal of the American Association of Nurse Practitioners*
Nandwani, M., Clarke, J. O., Kuriakose, C., Stevenson, E.
2019
- **Delayed Gastric Emptying Associates With Diabetic Complications in Diabetic Patients With Symptoms of Gastroparesis.** *The American journal of gastroenterology*
Parkman, H. P., Wilson, L. A., Farrugia, G., Koch, K. L., Hasler, W. L., Nguyen, L. A., Abell, T. L., Snape, W., Clarke, J., Kuo, B., McCallum, R. W., Sarosiek, I., Grover, et al
2019
- **Gastric per-oral endoscopic myotomy: Current status and future directions.** *World journal of gastroenterology*
Podboy, A., Hwang, J. H., Nguyen, L. A., Garcia, P., Zikos, T. A., Kamal, A., Triadafilopoulos, G., Clarke, J. O.
2019; 25 (21): 2581–90
- **Helping Patients with Gastroparesis.** *The Medical clinics of North America*
Onyimba, F. U., Clarke, J. O.
2019; 103 (1): 71–87
- **Esophagogastroduodenoscopy and Esophageal Involvement in Patients With Pemphigus Vulgaris**
Ozeki, K., Zikos, T. A., Clarke, J., Sonu, I.
NATURE PUBLISHING GROUP.2018: S177
- **Incorporating Advanced Practice Providers into Gastroenterology Practice.** *Clinical gastroenterology and hepatology : the official clinical practice journal of the American Gastroenterological Association*
Nandwani, M. C., Clarke, J. O.
2018
- **Gastrointestinal Involvement in Systemic Sclerosis An Update** *JCR-JOURNAL OF CLINICAL RHEUMATOLOGY*
Miller, J. B., Gandhi, N., Clarke, J., McMahan, Z.
2018; 24 (6): 328–37
- **Identification of Risk Factors for Gastric Antral Vascular Ectasia (GAVE) Among Systemic Sclerosis Patients**
Serling-Boyd, N., Li, S., Fiorentino, D., Becker, L., Fernandez-Becker, N., Clarke, J., Chung, L.
WILEY.2018
- **Multi-Organ RNA-Sequencing of Patients with Systemic Sclerosis (SSc) Finds That Intrinsic Subsets Are Conserved across Organ Systems**
Mehta, B. K., Franks, J., Wang, Y., Cai, G., Toledo, D. M., Wood, T. A., Archambault, K. A., Kosarek, N., Kolstad, K. D., Stark, M., Valenzuela, A., Fiorentino, D., Fernandez-Becker, et al
WILEY.2018
- **Use of Esophageal pH Monitoring to Minimize Proton-Pump Inhibitor Utilization in Patients with Gastroesophageal Reflux Symptoms.** *Digestive diseases and sciences*
Triadafilopoulos, G., Zikos, T., Regalia, K., Sonu, I., Fernandez-Becker, N. Q., Nguyen, L., Nandwani, M. C., Clarke, J. O.
2018

- **A Positive Correlation Between Gastric and Esophageal Dysmotility Suggests Common Causality.** *Digestive diseases and sciences*
Zikos, T. A., Clarke, J. O., Triadafilopoulos, G., Regalia, K. A., Sonu, I. S., Fernandez-Becker, N. Q., Nandwani, M. C., Nguyen, L. A.
2018
- **REFRACTORY GASTROPARESIS: GASTRIC PERORAL ENDOSCOPIC MYOTOMY (G-POEM) VS. INTRAPYLORIC BOTULINUM TOXIN INJECTION**
Parsa, N., Yang, J., Gutierrez, O., Moran, R., Sanaei, O., Fayad, L., Dbouk, M., Paiji, C., Kumbhari, V., Mullin, G., Stein, E. M., Abdi, T., Garcia, et al
MOSBY-ELSEVIER.2018: AB241–AB242
- **Advances in the diagnosis and classification of gastric and intestinal motility disorders** *NATURE REVIEWS GASTROENTEROLOGY & HEPATOLOGY*
Keller, J., Bassotti, G., Clarke, J., Dinning, P., Fox, M., Grover, M., Hellstrom, P. M., Ke, M., Layer, P., Malagelada, C., Parkman, H. P., Scott, S., Tack, et al
2018; 15 (5): 291–308
- **Baclofen and gastroesophageal reflux disease: seeing the forest through the trees.** *Clinical and translational gastroenterology*
Clarke, J. O., Fernandez-Becker, N. Q., Regalia, K. A., Triadafilopoulos, G.
2018; 9 (3): 137
- **The Effect of Race in Patients with Achalasia Diagnosed With High-Resolution Esophageal Manometry** *AMERICAN JOURNAL OF THE MEDICAL SCIENCES*
Chedid, V., Rosenblatt, E., Gandhi, K., Dhalla, S., Nandwani, M. C., Stein, E. M., Clarke, J. O.
2018; 355 (2): 126–31
- **Nonerosive reflux disease: clinical concepts.** *Annals of the New York Academy of Sciences*
Gyawali, C. P., Azagury, D. E., Chan, W. W., Chandramohan, S. M., Clarke, J. O., de Bortoli, N., Figueredo, E., Fox, M., Jodorkovsky, D., Lazarescu, A., Malfertheiner, P., Martinek, J., Murayama, et al
2018
- **Clinical and manometric characteristics of patients with oesophago-gastric outflow obstruction: towards a new classification.** *BMJ open gastroenterology*
Triadafilopoulos, G., Clarke, J. O.
2018; 5 (1): e000210
- **Aprepitant Has Mixed Effects on Nausea and Reduces Other Symptoms in Patients With Gastroparesis and Related Disorders** *GASTROENTEROLOGY*
Pasricha, P. J., Yates, K. P., Sarosiek, I., McCallum, R. W., Abell, T. L., Koch, K. L., Nguyen, L. B., Snape, W. J., Hasler, W. L., Clarke, J. O., Dhalla, S., Stein, E. M., Lee, et al
2018; 154 (1): 65–+
- **Indications and interpretation of esophageal function testing.** *Annals of the New York Academy of Sciences*
Gyawali, C. P., de Bortoli, N., Clarke, J., Marinelli, C., Tolone, S., Roman, S., Savarino, E.
2018
- **Relating gastric scintigraphy and symptoms to motility capsule transit and pressure findings in suspected gastroparesis.** *Neurogastroenterology and motility : the official journal of the European Gastrointestinal Motility Society*
Hasler, W. L., May, K. P., Wilson, L. A., Van Natta, M., Parkman, H. P., Pasricha, P. J., Koch, K. L., Abell, T. L., McCallum, R. W., Nguyen, L. A., Snape, W. J., Sarosiek, I., Clarke, et al
2018; 30 (2)
- **Pyridostigmine for the treatment of gastrointestinal symptoms in systemic sclerosis.** *Seminars in arthritis and rheumatism*
Ahuja, N. K., Mische, L., Clarke, J. O., Wigley, F. M., McMahan, Z. H.
2018
- **Multi-Organ RNA-Sequencing of Patients with Systemic Sclerosis (SSc) Finds That Intrinsic Subsets Are Conserved across Organ Systems**
Mehta, B. K., Franks, J., Cai, G., Toledo, D., Wood, T. A., Archambault, K. A., Kosarek, N., Kolstad, K., Stark, M., Valenzuela, A., Fiorentino, D., Fernandez-Becker, N., Becker, et al
WILEY.2017
- **Esophageal distensibility measurement: impact on clinical management and procedure length.** *Diseases of the esophagus*
Ahuja, N. K., Agnihotri, A., Lynch, K. L., Hoo-Fatt, D., Onyimba, F., McKnight, M., Okeke, F. C., Garcia, P., Dhalla, S., Stein, E., Pasricha, P. J., Clarke, J. O.
2017; 30 (8): 1-8
- **What is the clinical significance of esophago-gastric junction outflow obstruction? evaluation of 60 patients at a tertiary referral center.** *Neurogastroenterology and motility*

- Okeke, F. C., Raja, S., Lynch, K. L., Dhalla, S., Nandwani, M., Stein, E. M., Chander Roland, B., Khashab, M. A., Saxena, P., Kumbhari, V., Ahuja, N. K., Clarke, J. O.
2017; 29 (6)
- **Early satiety and postprandial fullness in gastroparesis correlate with gastroparesis severity, gastric emptying, and water load testing** *NEUROGASTROENTEROLOGY AND MOTILITY*
Parkman, H. P., Hallinan, E. K., Hasler, W. L., Farrugia, G., Koch, K. L., Nguyen, L., Snape, W. J., Abell, T. L., McCallum, R. W., Sarosiek, I., Pasricha, P. J., Clarke, J., Miriel, et al
2017; 29 (4)
 - **The Changing Impact of Gastroesophageal Reflux Disease in Clinical Practice: An Updated Study** *ANNALS OF OTOLARYNGOLOGY AND LARYNGOLOGY*
Akst, L. M., Haque, O. J., Clarke, J. O., Hillel, A. T., Best, S. R., Altman, K. W.
2017; 126 (3): 229-235
 - **Three-Dimensional Anorectal Manometry Enhances Diagnostic Gain by Detecting Sphincter Defects and Puborectalis Pressure.** *Digestive diseases and sciences*
Raja, S., Okeke, F. C., Stein, E. M., Dhalla, S., Nandwani, M., Lynch, K. L., Gyawali, C. P., Clarke, J. O.
2017
 - **The Role of Impedance Planimetry in the Evaluation of Esophageal Disorders.** *Current gastroenterology reports*
Ahuja, N. K., Clarke, J. O.
2017; 19 (2): 7-?
 - **Pyloric Therapies for Gastroparesis.** *Current treatment options in gastroenterology*
Ahuja, N. K., Clarke, J. O.
2017
 - **Patients with symptoms of delayed gastric emptying have a high prevalence of oesophageal dysmotility, irrespective of scintigraphic evidence of gastroparesis.** *BMJ open gastroenterology*
Triadafilopoulos, G., Nguyen, L., Clarke, J. O.
2017; 4 (1): e000169
 - **Intraoperative measurement of esophagogastric junction cross-sectional area by impedance planimetry correlates with clinical outcomes of peroral endoscopic myotomy for achalasia: a multicenter study** *SURGICAL ENDOSCOPY AND OTHER INTERVENTIONAL TECHNIQUES*
Ngamruengphong, S., von Rahden, B. H., Filser, J., Tyberg, A., Desai, A., Sharaiha, R. Z., Lambroza, A., Kumbhari, V., El Zein, M., Abdelgelil, A., Besharati, S., Clarke, J. O., Stein, et al
2016; 30 (7): 2886-2894
 - **Nausea and vomiting in gastroparesis: similarities and differences in idiopathic and diabetic gastroparesis.** *Neurogastroenterology and motility*
Parkman, H. P., Hallinan, E. K., Hasler, W. L., Farrugia, G., Koch, K. L., Calles, J., Snape, W. J., Abell, T. L., Sarosiek, I., McCallum, R. W., Nguyen, L., Pasricha, P. J., Clarke, et al
2016
 - **Learning curve for peroral endoscopic myotomy** *ENDOSCOPY INTERNATIONAL OPEN*
El Zein, M., Kumbhari, V., Ngamruengphong, S., Carson, K. A., Stein, E., Tieu, A., Chaveze, Y., Ismail, A., Dhalla, S., Clarke, J., Kallou, A., Canto, M., Khashab, et al
2016; 4 (5): E577–E582
 - **Gender is a determinative factor in the initial clinical presentation of eosinophilic esophagitis** *DISEASES OF THE ESOPHAGUS*
Lynch, K. L., Dhalla, S., Chedid, V., Ravich, W. J., Stein, E. M., Montgomery, E. A., Bochner, B. S., Clarke, J. O.
2016; 29 (2): 174-178
 - **Clinical and pH study characteristics in reflux patients with and without ineffective oesophageal motility (IEM).** *BMJ open gastroenterology*
Triadafilopoulos, G., Tandon, A., Shetler, K. P., Clarke, J.
2016; 3 (1)
 - **Comprehensive analysis of efficacy and safety of peroral endoscopic myotomy performed by a gastroenterologist in the endoscopy unit: a single-center experience** *GASTROINTESTINAL ENDOSCOPY*
Khashab, M. A., El Zein, M., Kumbhari, V., Besharati, S., Ngamruengphong, S., Messallam, A., Abdelgalil, A., Saxena, P., Tieu, A. H., Raja, S., Stein, E., Dhalla, S., Garcia, et al

2016; 83 (1): 117-125

- **Outcomes and Factors Associated With Reduced Symptoms in Patients With Gastroparesis** *GASTROENTEROLOGY*
Pasricha, P. J., Yates, K. P., Nguyen, L., Clarke, J., Abell, T. L., Farrugia, G., Hasler, W. L., Koch, K. L., Snape, W. J., McCallum, R. W., Sarosiek, I., Tonascia, J., Miriel, et al
2015; 149 (7): 1762-?
- **Refractory gastroparesis can be successfully managed with endoscopic transpyloric stent placement and fixation (with video)** *GASTROINTESTINAL ENDOSCOPY*
Khashab, M. A., Besharati, S., Ngamruengphong, S., Kumbhari, V., El Zein, M., Stein, E. M., Tieu, A., Mullin, G. E., Dhalla, S., Nandwani, M. C., Singh, V., Canto, M. I., Kallou, et al
2015; 82 (6): 1106-1109
- **Small Intestinal Transit Time Is Delayed in Small Intestinal Bacterial Overgrowth** *JOURNAL OF CLINICAL GASTROENTEROLOGY*
Roland, B. C., Ciarleglio, M. M., Clarke, J. O., Semler, J. R., Tomakin, E., Mullin, G. E., Pasricha, P. J.
2015; 49 (7): 571-576
- **Learning Curve for PerOral Endoscopic Myotomy Deciphered: a Comprehensive Analysis Using Two Different Methodologies** *46th Annual Digestive Diseases Week (DDW) / Meeting of the American-Association-for-the-Study-of-Liver-Diseases (AASLD) / Annual Meeting of the American-Society-for-Gastrointestinal-Endoscopy (ASGE)*
El Zein, M. H., Kumbhari, V., Saxena, P., Kamal, A., Ngamruengphong, S., Besharati, S., Abdelgelil, A., Stein, E. M., Tieu, A. H., Raja, S., Garcia, P., Dhalla, S., Clarke, et al
MOSBY-ELSEVIER.2015: AB167-AB167
- **Comprehensive Radionuclide Esophagogastrointestinal Transit Study: Methodology, Reference Values, and Initial Clinical Experience** *JOURNAL OF NUCLEAR MEDICINE*
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- The Evaluation & Treatment of GERD - St. Mary's Regional Medical Center Grand Rounds (2010)
- The GI Motility Laboratory: What Tests to Do? - Digestive Disease Week 2010 (2010)
- EGJ Anatomy & Physiology on HRM - World Organization for Specialized Studies on Diseases of the Esophagus (2010)
- Constipation in 2011: classification, diagnosis & treatment - St. Mary's Regional Medical Center Grand Rounds (2011)
- New Ways to Diagnose GI Motility Disorders - Digestive Disease Week 2011 (2011)

- Constipation: You Say There Is More Than One Kind of Constipation - Washington Hospital Center (2011)
- Are there appropriate tests for constipation? Any imaging studies? - Washington Hospital Center (2011)
- Unscramble the Laxative Shelf at the Drug Store - Washington Hospital Center (2011)
- GI Tract in Scleroderma - Scleroderma Foundation (2011)
- A Patient with Nausea & Vomiting - Digestive Disease Week 2012 (2012)
- Scleroderma Bowel Disease: From Top to Bottom - American College of Rheumatology (2012)
- GI Motility Research & Future Needs
- GI Manifestations of Osteogenesis Imperfecta - Osteogenesis Imperfecta Foundation (2013)
- Eosinophilic Esophagitis: A Gastroenterologist's Perspective - American College of Allergy (2013)
- Gastrointestinal Manifestations of Scleroderma - Susan Marie Scleroderma Foundation (2014)
- What is New in the Diagnosis of Esophageal Motility in 2014 - American Neurogastroenterology and Motility Society (2014)
- Constipation in 2015: Classification, Diagnosis & Treatment - American Urogynecologic Society (2015)
- How to approach Gastroparesis in 2015 - Washington University Division of Gastroenterology (2015)
- Achalasia: Incidence & Pathogenesis - Digestive Disease Week 2015 (2015)
- Eosinophilic Esophagitis: Effect on Esophageal Function, How to Evaluate & How to Treat - American Neurogastroenterology and Motility Society (2015)
- GI motility & EndoFlip - Chesapeake Society of Gastroenterology Nurses & Associates (2015)
- Manometry and pH/impedance Testing - American College of Gastroenterology (2016)
- Problems at Both Ends: Case Studies in Chronic Vomiting & Diarrhea - Society of Hospital Medicine (2016)
- Dysmotility & Autoimmune Disease - American College of Rheumatology (2016)
- What To Do With Unresponsive Gastroesophageal Reflux - Puerto Rico Gastroenterology Association
- A Systematic Approach to Achalasia - Puerto Rico Gastroenterology Association (2017)
- Updates on Esophageal Diseases from DDW - Northern California Society for Clinical Gastroenterology (2017)
- Eosinophilic Esophagitis: Pathophysiology, Diagnosis & Management - American Academy of Otolaryngic Allergy Masters Course (2010)
- Celiac Disease: Pathophysiology, Diagnosis and Management - American Academy of Otolaryngic Allergy Masters Course (2010)
- H. Pylori and Gastritis - American Academy of Otolaryngic Allergy Masters Course (2010)
- GI Tract Involvement - University of Athens & Johns Hopkins University (2010)
- GERD Refractory to Medical Management - Hospital Punta Pacifica & Johns Hopkins Medicine International University (2011)
- When Gas Becomes A Problem - Hospital Punta Pacifica & Johns Hopkins Medicine International (2011)
- Does Ambulatory High-Resolution Manometry (HRM) With Or Without Impedance Have A Role In Clinical Esophagology? - OESO 11th World Congress (2012)
- What Is The Role of High-Resolution Manometry In Non-Cardiac Chest Pain? - OESO 11th World Congress (2012)
- Esophageal Function: Evaluation of Reflux Mechanisms - OESO 11th World Congress (2012)
- Gastroparesis: An Update on Pathogenesis and Therapy 2013 - Clemenceau Medical Center & Johns Hopkins Medicine International (2013)
- Visceral Pain: From Theory to Practice - Clemenceau Medical Center & Johns Hopkins Medicine International (2013)
- Management of Gastroparesis in 2013 - University of Stellenbosch (2013)
- How to Manage Refractory Reflux - Venezuelan Gastroenterology Society (2013)
- Updates in Gastroparesis - Venezuelan Gastroenterology Society (2013)
- The Management of Dysphagia in 2013 - Venezuelan Gastroenterology Society (2013)
- The Diagnosis and Management of Irritable Bowel Syndrome - Venezuelan Gastroenterology Society (2013)
- Pathophysiology, Diagnosis and Treatment of Gastroesophageal Reflux - Sociedad de Cirujanos de Chile and Universidad Catolica del Norte (2014)

- Achalasia: Diagnosis and Treatment - Sociedad de Cirujanos de Chile and Universidad Catolica del Norte (2014)
- Noncardiogenic Chest Pain - Chile Society for Gastroenterology (2014)
- GERD Refractory to Antacid Therapy, - Chile Society for Gastroenterology (2014)
- Diagnosis and Management of Eosinophilic Esophagitis - Chile Society for Gastroenterology (2014)
- Review of the New Motility Tests - Chile Society for Gastroenterology (2014)
- Diagnosis and Management of GERD (including bariatrics) - Chile Society for Gastroenterology (2014)
- Clinical Cases from Johns Hopkins Hospital - Chile Society for Gastroenterology (2014)
- Pathophysiology, Diagnosis & Treatment of Gastroesophageal Reflux - Sri Lanka Medical Association (2015)
- Does the Presence of Esophageal Outflow Obstruction on HRM Impact Surgical Decision Making? - World Organization for Specialized Studies on Diseases of the Esophagus (2015)
- Use of Esophageal Manometry in the Workup of Failed Fundoplication - World Organization for Specialized Studies on Diseases of the Esophagus (2015)
- Update on GI Motility Disorders: Diagnosis & Treatment - Hangzhou Normal University (2015)
- GI tract in Scleroderma - Federation of European Scleroderma Associations (2016)
- Upper and Lower Gastrointestinal Involvement in Scleroderma - 4th Systemic Sclerosis World Congress (2016)