

**PERSONAL INFORMATION****Professional address**

Great Lakes Gastroenterology, LLC  
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**EDUCATION****Post Graduate Training**

2014 – 2017	Fellowship, Gastroenterology and Hepatology Case Western Reserve University University Hospitals Cleveland, OH
2012 – 2014	Residency, Internal Medicine Case Western Reserve University University Hospitals Cleveland, OH
2011 – 2012	Internship, Internal Medicine University of Southern California USC+LAC Medical Center Los Angeles, California

**Undergraduate and Medical Education**

2007 – 2011	Doctor of Medicine Wayne State University School of Medicine Detroit, MI
2003 – 2007	Bachelor of Science Xavier University Cincinnati, OH Chemistry, minor concentrations in Biology and Music <i>Cum laude</i>

**BOARD CERTIFICATION**

2014	American Board of Internal Medicine
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**HONORS, AWARDS, AND GRANTS**

Research Grant	Lansing G Hoskins Education and Research Fund Grant, 2015 (\$5,000) Case Western Reserve University University Hospitals Case Medical Center Cleveland, OH
National Society Recognition	GI Jeopardy Competition Finalist, 2015 American College of Gastroenterology National Meeting and Convention Honolulu, HI
Research Grant	Graduate Research Grant, 2008 (\$3,500) Department of Biochemistry Wayne State University School of Medicine Detroit, MI
University Grant	Breuggeman International Studies Fellowship, 2007 (\$1,500) The Breuggeman Center for Dialogue Xavier University Cincinnati, OH
Research Grant	Undergraduate Research Grant, 2005 (\$3,000) Department of Organic Chemistry Xavier University Cincinnati, OH

**FOOD AND DRUG ADMINISTRATION**

- Approved Investigational New Drug Application for: *L-Menthol Injection as a Novel Technique during Colonoscopy – The MINT-C Study* (primary investigator)
- Personally complied and completed the investigator-initiated IND with mentorship from Ashley Faulx MD, Yngve Falck-Ytter MD, and Richard CK Wong MD
- IND Number 128323

**PEER-REVIEWED PUBLICATIONS**

1. **Parikh K**, Khaitan L. Radiofrequency ablation coupled with roux-en-y gastric bypass: A treatment option for morbidly obese patients with Barrett's esophagus. *J Surg Case Rep*. **Accepted**.
2. **Parikh K**, Ali MA, Wong RC. Unusual Causes of Upper GI Bleeding. *Gastrointest Endosc Clin N Am*. 2015 Jul; 25(3): 583-605
3. **Parikh K**, Umbel J, Venkat D. An Unexpected Cause of Dysphagia. *Clin Gastroenterol Hepatol*. 2015 Feb 24. pii: S1542-3565(15)00164-0
4. Gayar OH, Robbins JR, **Parikh K**, Lu M, Buekers T, Munkarah A, Elshaik MA. Hysterectomy for uterine adenocarcinoma in the elderly: tumor characteristics, and long-term outcome. *Gynecol Oncol*. 2011 Oct; 123(1): 71-5

**MANUSCRIPTS IN PREPARATION**

1. Natu A, **Parikh K**, Sharma R, Nadeem F, Ali MA, Dumot J, Faulx A, Isenberg GA, Wong RCK, Chak A. Evaluation of Patient Outcomes After Endoscopic Resection of Large Polyps.
2. **Parikh K**, Bou-Abboud C, Yasinow S, Wang J, Ryder C, Chak A. Is Esophageal Sampling Necessary For Diagnosis of Esophageal Candidiasis?
3. Sharma R, **Parikh K**, Bou-Abboud C, Buch N, Post A, Isenberg GA. The Utility of Small Bowel Capsule Endoscopy (SBCE) to Determine Small Bowel Transit Time (SBTT) and its Relationship with Spontaneous Bacterial Peritonitis (SBP) and Hepatic Encephalopathy (HE) in Cirrhotics.
4. **Parikh K**, Wong RC. *Technique: Push. Percutaneous Endoscopic Gastrostomy (PEG): Techniques, Effectiveness and Potential Complications.*
5. Dakhoul L, **Parikh K**, Berkelhammer C, Ho EY. Fecal microbiota transplant in treatment of Clostridium difficile colitis-pooled data analysis and a systematic review.
6. Saxena A, **Parikh K**, Lu C, Chak A, Greer KG, Cooper GS Alashkar B, Faulx AL. Late Stage Diagnosis of Esophageal Adenocarcinoma (EAC) among Veterans – Could Screening be Effective?

#### PRESENTATIONS AT NATIONAL MEETINGS

1. Mansoor E, **Parikh K**, Glessing B, Cooper G, Chak A. Risk Factors for Pancreatic Cancer in New-Onset Diabetes Mellitus: A Population Based Study. May 2016. *Digestive Diseases Week 2016*. San Diego, CA. **Accepted for Oral Presentation.**
2. **Parikh K**, Bou-Abboud C, Yasinow S, Wang J, Ryder C, Chak A. Is Esophageal Sampling Necessary For Diagnosis of Esophageal Candidiasis (EC)? October 2015. *American College of Gastroenterology 80th Annual Meeting*. Honolulu, HI
3. Zhuang E, Pontzer E, **Parikh K**, Ali MA, Veloso H, Dumot J, Chak A. Ascending Cholangitis with Normal Bilirubin in Patients with Prior Biliary Instrumentation: A Case Series. October 2015. *American College of Gastroenterology 80th Annual Meeting*. Honolulu, HI
4. Wang J, **Parikh K**, Post A. A Unique Case of Alpha-Fetoprotein-Producing Esophageal Adenocarcinoma. October 2015. *American College of Gastroenterology 80th Annual Meeting*. Honolulu, HI
5. Dakhoul L, **Parikh K**, Post A, Katz J. Disseminated Histoplasmosis Associated with Anti-Tumor Necrosis Factor Alpha Therapy: A Case Series. October 2015. *American College of Gastroenterology 80th Annual Meeting*. Honolulu, HI
6. Dakhoul L, **Parikh K**, Berkelhammer C. Fecal microbiota transplant in treatment of Clostridium difficile colitis-pooled data analysis and a systematic review. May 2015. *Digestive Disease Week 2015*. Washington, DC
7. Saxena A, **Parikh K**, Lu C, Chak A, Greer KG, Cooper GS, Alashkar B, Faulx AL. Late Stage Diagnosis of Esophageal Adenocarcinoma (EAC) among Veterans – Could Screening be Effective? May 2014. *Digestive Disease Week 2014*. Chicago, IL

#### PRESENTATIONS AT REGIONAL MEETINGS AND CONFERENCES

1. **Parikh K**. Hepatic Pseudoaneurysm Causing Massive GI Hemorrhage. Oral Presentation. October 2015. 23<sup>rd</sup> *Anthony S. Tavill Citywide Liver Rounds*. Cleveland, OH.

2. **Parikh K.** A Case of Cryoglobulinemia. Oral Presentation. August 2014. *20<sup>th</sup> Anthony S.Tavil Citywide Liver Rounds.* Cleveland, OH.
3. **Parikh K, Rogers D.** Characterizing Cost Consciousness Among Interns in Inpatient General Medicine and the Effectiveness of a Brief Educational Intervention. Poster session. May 2014. *Research Day: UHCCM.* Cleveland, OH.
4. **Parikh K, Liu S.** Diffuse Malignant Peritoneal Mesothelioma Presenting as a Scrotal Mass. Poster session. *Resident Research Day.* July 2012. Los Angeles, CA.
5. **Parikh K, Loutfi R.** A Unique Presentation of Dermatomyositis in Recurrent Breast Cancer. Poster session. *Resident and Student Poster Symposium;* Jan 2010. Detroit, MI.
6. **Parikh K.** Synthesis of Lopinavir Based Derivatives for Inhibition of MDR Human HIV Protease. *Wayne State University Department of Biochemistry Annual Research Update.* August 2008. Detroit, MI
7. **Parikh K, Mullins R.** The role of Vinyl Thiazoline in the Biological Activity and Total Synthesis of Kalkitoxin. *Regional Undergraduate Research Symposium.* April 2007. Cincinnati, OH.

#### SELECTED ACTIVE RESEARCH/ACADEMIC PROJECTS

##### Research

##### L-Menthol Injection as a Novel Technique during Colonoscopy – The MINT-C Study

- Prospective, double-blinded, placebo-controlled randomized controlled trial
- Using a 1.6% peppermint oil solution sprayed endoscopically at various points during colonoscopy, we aim improve adenoma detection rates.
- Study planned at 2 clinical sites: University Hospitals Case Medical Center and Louis Stokes Veterans Affairs Medical Center
- FDA IND obtained #128323
- Registered with clinicaltrials.gov #NCT02588248
- Signed agreement with NowFoods® for use of brand-specific peppermint oil in study
- Awarded Lansing G. Hoskins Grant
- Applied for ACG Clinical Research Grant Award
- Developed drug allocation plan with Investigational Drug Pharmacy
- Projected patient accrual in March 2015 – Planned 300 patients; Funding has provided for 2 dedicated clinical research assistants
- Study Mentors: Ashley Faulx MD, Yngve Falck-Ytter MD, Richard CK Wong MD

**Role: Primary Investigator**, concept and protocol design, wrote IRB, applied for all grants, worked with investigational pharmacy at both sites, signed non-disclosure agreement with NowFoods® and work directly with the company's medical director, training of clinical research assistants and endoscopy staff all with mentorship from aforementioned faculty

##### Research

##### Pancreatic Cancer in New-Onset Diabetics: A Population Based Study on Risk Factor and a Novel Predictive Model

- A population-based studying using the Explorys Database, which contains data from more than 50 million patients.
- We have identified, verified, and quantified new and previously reported risk factors for pancreatic cancer in newly diagnosed diabetics after the age of 40 by means of

multivariate analysis.

- We have created a point-based predictive model and plan to test this in a separate large database prior to submitting for publication.
- Study Mentors: Brooke Glessing MD, Siran Koroukian PhD, Amitabh Chak MD, Gregory Cooper MD

**Role: Primary investigator**, concept and protocol design, facilitated data analysis, created of predictive model, currently reviewing available databases for testing of model with mentorship of aforementioned faculty; will draft manuscript upon completion of data analysis

#### Research

##### Evaluation of Changes in the Controlled Attenuation Parameter after Treatment with an Intra-gastric balloon in Obese Patients with non-alcoholic Fatty Liver Disease

- A prospective cohort study with the Bariatric Endoscopy Department at University Hospitals Case Medical Center
- We will follow a modified fibroscan results, i.e. the controlled attenuation parameter, in patients with known fatty liver disease before and 1 year after intra-gastric balloon therapy. Verified quality of life and procedural efficacy surveys will also be performed
- Submitted to IRB for approval
- Study Mentors: Meer Akbar Ali MD, Pierre Gholam MD

**Role: Primary Investigator**, protocol design including follow up plan, selection of evidence-based questionnaire, perform intra-gastric balloon placement, will draft final manuscript upon completion of data collection

#### Research

##### Endoscopic Ultrasound Guided Biliary Access in Patients with Surgically Anatomy

- Pilot study to determine the utility of EUS in patients with a history of altered biliary anatomy for any reason: surgery, current malignancy, etc. to access biliary tree. Currently enteroscopy-assisted and double balloon endoscopies have poor success rates in papillary cannulation.
- Submitted to IRB approval
- Study mentors: Meer Akbar Ali MD, Amitabh Chak MD

**Role: Co-investigator**, Following recommendations of IRB after initial review to prepare for re-submission, will apply for regulatory approval as need, plan to help patient accrual, data analysis and synthesis, and writing of manuscript

#### Research

##### Clinical Practice Experience of Vedolizumab in the Clinical Management of Patients with Inflammatory Bowel Disease

- Vedolizumab was recently approved for use in Ulcerative colitis and Crohn's disease in 5/2015
- Retrospective study to review clinical outcomes with use of vedolizumab including symptomatic and endoscopic response to treatment and any adverse events
- This will be the largest real-world case series analyzed to date with vedolizumab
- Study mentors: Maneesh Dave MD, Jeffery Katz MD

**Role: Co-investigator**, assisted in study design and data collection instruments, facilitating project with junior fellows and residents, currently awaiting IRB approval; will assist with data analysis, synthesis, and writing of manuscript

Book Chapter Percutaneous Endoscopic Gastrostomy (PEG): Techniques, Effectiveness and Potential Complications

- Chapter: “Technique: PUSH”
- A step-by-step instructional text with figures/photos and personal perspectives superimposed on modern common practices and controversies
- Book Authors
  - Jeffrey M. Marks, MD – Director of Surgical Endoscopy, UHCMC, Cleveland OH
  - Eric M. Pauli, MD – Director of Endoscopic Surgery, Penn State, Hershey, PA
- Chapter Senior Author
  - Richard Wong, MD – Director of Endoscopy, UHCMC, Cleveland OH

**Role: Primary author** of the chapter under mentorship of Richard CK Wong, MD

### PROFESSIONAL AND SOCIETY MEMBERSHIPS

ASGE Bariatric Endoscopy Special Interest Group	Member since 2015
American Society of Gastrointestinal Endoscopy	Member since 2014
American College of Gastroenterology	Member since 2014
American Gastroenterological Association	Member since 2014
American Medical Association	Member, 2011-2014

### MEDICAL LICENSURE

Pending for the State of Ohio, currently hold training License

### PROFESSIONAL ACTIVITIES AND COMMITTEE MEMBERSHIPS

GI Career Development Interest Group	University Hospitals, Case Medical Center <i>Cleveland OH</i>
Quality and Patient Safety Committee	University Hospitals Case Medical Center <i>Cleveland, OH</i>
Patient Satisfaction Committee	University of Southern California, USC+LAC Medical Center <i>Los Angeles, CA</i>

### RESEARCH INTERESTS

Endoscopic management of obesity, Advanced Luminal Endoscopy techniques, Pancreatic cancer, Gastrointestinal Bleeding, ERCP/EUS

### HOBBIES

Running, video editing, music composition, piano, basketball, weight-lifting, business entrepreneurship