

BIOGRAPHICAL SKETCH

NAME	POSITION TITLE
H. Jae Kim, MD MSc	Director, AZCDH

EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Creighton University, Omaha, NE. U.S.A.	B.S.	1988-1992	Chemistry
Creighton Univ. School of Medicine, Omaha, NE.	M.D.	1993-1997	Medicine
Creighton Univ. Internal Medicine Residency Program, Omaha, NE.	Medicine Resident	1997-2000	Internal Medicine
Mayo Clinic, Rochester, MN.	NIH (Clinical) Fellow	2000-2003	Gastroenterology
Mayo Graduate School, Rochester, MN.	M.Sc.	2001-2002	Clinical Research

PREVIOUS EMPLOYMENT/ACADEMIC APPOINTMENTS

1997-98	Internship, Internal Medicine, St. Joseph Hospital, Omaha, NE.
1998-00	Residency, Internal Medicine, St. Joseph Hospital, Omaha, NE.
2000-03	NIH (Clinical) Fellowship in Gastroenterology, Mayo Clinic, Rochester, MN.
2004	SAC-GI, Mayo Clinic, Rochester, MN.
2004-2006	SAC-GI, Mayo Clinic, Scottsdale, AZ.
2007-2010	Consultant, Mayo Clinic, Scottsdale, AZ.
2010-2011	Founding Director Arizona Center for Digestive Health

HONORS AND AWARDS

Summa Cum Laude (1988-1992)
Instructor of Medicine (2001)
Recipient of The NIH/LRP Award in Clinical Research (2002)
Recipient of The American College of Gastroenterology (ACG) Clinical Research Award (2002)
Recipient of 2002 GI Proteomics Genomics Award
Poster of Distinction Award (DDW 2002)
Recipient of the 2002 AMS Course Meeting Travel Award
Recipient of 2001-2002 GRG Symposium Travel Award
Assistant Professor of Medicine, Mayo Clinic College of Medicine (2004)
Director, Esophageal Clinic, Mayo Clinic Scottsdale, AZ (2008-present)
Associate Program Director for Gastroenterology fellowship training, Mayo Clinic Scottsdale (2009-2010)

FUNDING

Internal

GI proteomics genomics funding (2002)
Gastroenterology division funding (2004)
CR5 funding (2006-2008)

External

ACG Clinical Research Award (2002)
VSL Pharmaceuticals, Inc. Ft. Lauderdale, FL (2001-2004)
CSA Medical (2008-2009)

TECHNICAL COMPETENCY

Therapeutic EGD, Colonoscopy, Manometry (Esophageal and Anorectal) and Gastrointestinal Transit (Scintigraphy) Interpretations

LECTURES

Quarterly Internal Medicine Resident Lectures (2000-present)
Quarterly IBS support group lecture (2004)

ACADEMIC CAREER DEVELOPMENT

Patient Centered Day, MCA Scottsdale, Arizona (2008)
Three-Shield Alignment Faculty Development Workshop, MCA Scottsdale, Arizona (2008)
Colleague Centered Day, MCA Scottsdale, Arizona (2008)
Leadership Coaching, MCA Scottsdale, Arizona (2008)

PRESENTATIONS

Mayo Clinic Endoscopy Live: Jacksonville, FL (2008, 2009)
ASGE First Year Fellows' Endoscopy Course: Oak Brook, IL (2009)
Annual American Pharmacists Association Meeting: Chicago (6/2008)
Annual Gastroenterology and Hepatology Course, MCS (2005-present)
9th Annual Mayo Clinic Internal Medicine Update: Sedona 2006 (10/2006)
GI Grand Round (9/2000, 2002, 2003)
Journal Club (9/2000, 3/2002)
GI Motility Tuesday Morning Conference (2001-2004)
American College of Gastroenterology (Abstract 2001, 2002, 2005, 2006)
Biennial American Motility Society Meeting (Abstract 2002)
Digestive Diseases Week (Abstract 2002, 2003 (Plenary session oral presentation), 2006, 2008)
VSL Pharmaceutical Meeting (Abstract 2002)
Practice Management Conference (Abstract 2002)
GI Research Retreat (10/2002)
GI Research Conference (2/2003), VSL#3 Study
GI Research Conference (2/2003), Genetic Study

MEETINGS/CONFERENCES ATTENDED

Annual Digestive Diseases Week (DDW) Meeting (2001-2009)
Annual American College of Gastroenterology Meeting (2001-2009)
Annual Methodologies in Healthcare Outcomes in Gastroenterology Workshop Symposium (2001 & 2002)
American Motility Society Course on GI Motility in Clinical Practice (2002)
Biennial American Motility Society Meeting (2002)
Practice Management Conference (2002)

NATIONAL/INTERNATIONAL SOCIETY

American Gastroenterology Association (2000 – present)
American College of Gastroenterology, Fellow (2010 -)
Gastroenterology Research Group (GRG-AGA) (2001 – present)

BIBLIOGRAPHY – H. Jae Kim:

Original Articles

1. Bradley AG, Crowell MD, DiBaise JK, **Kim HJ**, Burdick GE, Fleischer DE, Sharma VK: Comparison of the Impact of Wireless versus Catheter-based pH-metry on Daily Activities and Study-Related Symptoms. *JCG* (submitted 2009)
2. Aghenta T, **Kim HJ**. An Unusual Case of Colon Perforation Complicating Acute Pancreatitis. *Case Rep Gastroenterol* 2009; 3:207-213.
3. Pasha SF, Crowell MD, Alexander JA, Romero Y, Harris LA, Achem SR, Farrucia G, Lee JJ, Thompson DM, Jung K, Hirohita K, Karthik R, Namasivayam V, **Kim HJ**, Fleischer DF, Sharma VK. Eosinophilic Esophagitis in Adults-A Rising Epidemic. *US Gastroenterology Reviews* (submitted)
4. Das A, Wells C, **Kim HJ**, Fleischer DE, Crowell MD, Sharma VK. An Economic Analysis of Endoscopic Ablative Therapy for Management of Non-Dysplastic Barrett's Esophagus. *Endoscopy* 2009 May; 41(5):400-8.
5. Crowell MD, Bradley A, Hansel S, Dionisio P, **Kim HJ**, Decker GA, DiBaise JK, Sharma VK. Obesity is Associated with Increased 48-hour Esophageal Acid Exposure in Patients with Symptomatic Gastroesophageal Reflux. *Am J Gastroenterology* 104: 2009.
6. Sharma VK, **Kim HJ**, Das A, Wells CD, Nguyen CC, Fleischer DE. Circumferential and Focal of Barrett Esophagus Containing Dysplasia. *Am J Gastroenterology* 104: 310-317, 2009.
7. Sharma VK, **Kim HJ**, Das A, Dean P, DePetris G, Fleischer DE. A prospective pilot trial of ablation of Barrett's esophagus with low-grade dysplasia using stepwise circumferential and focal ablation (HALO System). *Endoscopy* 40: 1-8, 2008
8. Pasha SF, DiBaise JK, **Kim HJ**, DePetris G, Crowell MD, Fleischer DE, Sharma VK. Patient Characteristics, Clinical, Endoscopic, and Histologic Findings in Adult Eosinophilic Esophagitis: A Case Series and Systematic Review of the Medical Literature. *Diseases of the Esophagus* 2007 Aug; 20(4):311-319
9. Andresen V, Camilleri M, **Kim HJ**, Stephens DA, Carlson PJ, Talley NJ, Saito YA, Urrutia R, Zinsmeister AR: Is There an Association Between GNB3-C825T Genotype And Lower Functional Gastrointestinal Disorders? *Gastroenterology* 130:1985-1994, 2006
10. **Kim HJ**, Roque MIV, Camilleri M, Stephens D, Burton DD, Baxter K, Thomforde G, Zinsmeister AR. A randomized controlled trial of a probiotic combination VSL# 3 and placebo in irritable bowel syndrome with bloating. *Neurogastroenterol Motil* 2005 Oct; 17(5):687-96.
11. Burton DD, **Kim HJ**, Camilleri M, Stephens DA, Mullan BP, O'Connor MK, Talley NJ. Relationship of gastric emptying and volume changes after a solid meal in humans. *Am J Physiol Gastrointest Liver Physiol* 2005 Aug; 289(2):G261-6.
12. **Kim HJ**, Camilleri M, Carlson P, Cremonini F, Ferber I, Stephens D, McKinzie S, Zinsmeister AR, Urrutia R: Functionally Distinct Alpha 2A and Alpha 2C Adrenoreceptor and Serotonin-Transporter Polymorphisms Associated with Constipation and Psychosomatic Disorder in Lower Functional Gastrointestinal Disorders. *Gut* 53(6):829-37, 2004
13. **Kim HJ**, Camilleri M, McKinzie S, Zinsmeister AR, Burton D, Thomforde GM: Effects of VSL#3 on Symptoms and Gastrointestinal Transit in Patients with Diarrhea-Predominant Irritable Bowel Syndrome. *Aliment Pharmacol Ther* 17:895-904, 2003
14. Camilleri M, Kim DY, McKinzie S, **Kim HJ**, Zinsmeister AR, Burton D, Thomforde GM: Clonidine in Diarrhea-Predominant Irritable Bowel Syndrome: A Randomized, Placebo-Controlled, Dose-Response Study. *Clinical Gastroenterology and Hepatology* 1:111-121, 2003
15. Camilleri M, Atanasova E, Carlson P, Umraan A, **Kim HJ**, Viramontes B, McKinzie S, Urrutia R: Serotonin-Transporter Polymorphism Pharmacogenetics in Diarrhea-Predominant Irritable Bowel Syndrome. *Gastroenterology* 123(2):425-32, 2002
16. Pasha SF, Crowell MD, Alexander JA, Harris LA, Achem SR, Farrugia G, Lee JJ, Thompson DM, Jung KW, Kita H, Ravi K, Namasivayam V, **Kim HJ**, Fleischer DE, Sharma VK, Romero Y: *Eosinophilic Esophagitis in Adults – A Rising Epidemic. European Gastroenterology and Hepatology Review* 7(1):16-22, 2011

Manuscripts Submitted

1. Das A, **Kim HJ**. EMR of Early Mucosal Adenocarcinoma and Barrett's with HGD. Dis of Esophagus (Submitted).
2. Sharma VK, **Kim HJ**, Das A. Endoscopic Treatment of Barrett's Esophagus – Review Article. (Submitted).

Book Chapters

1. **Kim HJ**: Belching and Rumination. Practical Gastroenterology and Hepatology Volume 1, (Submitted; Publication date - May 2010)
2. **Kim HJ**, Camilleri M: Methods to Measure Small Bowel and Colonic Transit. Constipation: Etiology, Evaluation, and Management Second Edition, 2006

Abstracts

1. **Kim HJ**, Camilleri M, McEvoy KM: Gastrointestinal Manifestations of Stiff Person Syndrome. Am J Gastroenterology 96(9):S214, 2001.
2. **Kim HJ**, Camilleri M, Atanasova E, Carlson P, Samsom M, McKinzie S, Stephens D, Ferber I, Luther B, Zinsmeister A, Urrutia R: Serotonin Transporter Protein Polymorphisms in Lower Functional Gastrointestinal Disorders. Gastroenterology 2002
3. Camilleri M, Atanasova E, Carlson P, Umraan A, **Kim, HJ**, Viramontes B, McKinzie S, Urrutia R: Serotonin-Transporter Polymorphism Pharmacogenetics in Diarrhea-Predominant Irritable Bowel Syndrome. Gastroenterology 2002
4. Camilleri M, Kim DY, McKinzie S, **Kim HJ**, Zinsmeister AR, Burton D, Thomforde GM: Clonidine in Diarrhea-Predominant Irritable Bowel Syndrome: A Randomized, Placebo-Controlled, Dose-Response Study. Gastroenterology 2002
5. **Kim HJ**, Camilleri M, McKinzie S, Zinsmeister AR, Burton D, Thomforde GM: Effects of VSL#3 on Symptoms and Gastrointestinal Transit in Patients with Diarrhea-Predominant Irritable Bowel Syndrome. Am J Gastroenterology 2002
6. **Kim HJ**, Camilleri M, Carlson P, Ferber I, Stephens D, McKinzie S, Zinsmeister AR, Urrutia R: Functionally Distinct Alpha 2A and Alpha 2C Adrenoreceptor and Serotonin-Transporter Polymorphisms Associated with Constipation and Psychosomatic Disorder in Lower Functional Gastrointestinal Disorders. Gastroenterology 2003
7. **Kim HJ**, Camilleri M: Rectal Endometriosis Mimicking Malignant Rectal Mass. Am J Gastroenterology 2003.
8. **Kim HJ**, Burton DD, Camilleri M, Stephens DA, Mullan BP, O'Connor MK, Talley NJ. Simultaneous Three-Dimensional Measurement of Gastric Emptying and Volume After a Solid Meal: Validation of Gastric Emptying Method. Am Motility Society 2005.
9. **Kim HJ**, Vazquez Roque M, Camilleri M, Stephens DA, Burton DD, Ferber IA, Thomforde GM, Zinsmeister AR. A Probiotic Combination, VSL#3, Reduces Gas Sensation in Patients with Abdominal Bloating Associated with Irritable Bowel Syndrome. Am Motility Society 2005.
10. Sharma VK, **Kim HJ**, McLaughlin R, Moirano M, Crowell MD, Fleischer DE. Prospective Pilot Trial of Radiofrequency Ablation of Barrett Esophagus with Low Grade Dysplasia. Am J Gastroenterology 2005.
11. Sharma VK, Overholt B, **Kim HJ**, McLaughlin R, Moirano M, Crowell MD, Fleischer DE. Radiofrequency Ablation of Barrett Esophagus with High Grade Dysplasia. Am J Gastroenterology 2005.
12. **Kim HJ**, Sharma VK, Harold K, Schlinkert R, Crowell MD. Ineffective or "Insignificant" Esophageal Motility Disorder in Gastroesophageal Reflux Disease. Am J Gastroenterology 2005.
13. Crowell MD, Decker GA, **Kim HJ**, Moirano M, Schettler A, Sharma VK. Continuous 48-hr Esophageal pH-metry in Obese Patients with Gastroesophageal Reflux Symptoms Compared to Normal Weight Patients. Am J Gastroenterology 2005.

14. Pasha SF, DiBaise JK, **Kim HJ**, DePetris G, Crowell MD, Fleischer DE, Sharma VK. Single Center Experience with Eosinophilic Esophagitis. International Society of Diseases of the Esophagus (ISDE). 2006
15. Sharma VK, **Kim HJ**, McLaughlin R, Moirano M, Crowell MD, Dean PJ, Fleischer DE. Successful Circumferential Ablation of Barrett's Esophagus with Low Grade Dysplasia Using the HALO³⁶⁰ Ablation System : One-Year Follow-up of the AIM-LGD Pilot Trial. Gastroenterology 2006.
16. Andresen V, Camilleri M, **Kim HJ**, Stephens DA, Carlson PJ, Talley NJ, Saito-Loftus YA, Urrutia R, Zinsmeister AR. Is There An Association Between Gn β 3 C825t Genotype and Lower Functional Gastrointestinal Disorders? Gastroenterology 2006
17. Crowell MD, **Kim HJ**, Moirano M, DiBaise J, Sharma VK. Topographical mapping of esophageal motor function during liquid and solid swallows using high-resolution, solid-state manometry in patients with non-obstructive dysphagia (NOD). Am J Gastroenterology 2006.
18. **Kim HJ**, Tollefson C, Burton D, Roarke M, Camilleri M, Sharma VK, DiBaise J, Crowell MD. Reliability of the SPECT Imaging to Measure Gastric Accommodation in Non-Ulcer Dyspepsia. Am J Gastroenterology 2006.
19. Sharma VK, **Kim HJ**, Moirano M, Fleischer DE, Crowell MD. Accuracy of Esophageal Capsule Endoscopy (ECE) for diagnosis of Barrett Esophagus : A Pooled Analysis. Am J Gastroenterology 2006.
20. Wells CD, **Kim HJ**, Das A, Moirano MM, Fleischer DF, Sharma VK. Circumferential Ablation of Barrett Esophagus with Persistent High-Grade Dysplasia Following Photodynamic Therapy with Halo 360. Am J Gastroenterology 2006
21. Wells CD, **Kim HJ**, Moirano MM, Fleischer DF, Sharma VK. Successful Ablation of Barrett Esophagus with Dysplasia Using the Halo 360 Ablation System: A Single-Center Experience. Am J Gastroenterology 2006
22. Das A, Wells CD, Fleischer DF, Sharma VK, **Kim HJ**. Determinants of Cost-Effectiveness of Endoscopic Ablative Therapy for Non-Dysplastic Barrett's Esophagus. Am J Gastroenterology 2006
23. Crowell Michael D., Decker G. A., **Kim H. Jae**, Schettler V. Ann, Dionisio Paula M., Bradley Angela, DiBaise John K., Sharma Virender. Continuous 48-hr Esophageal Acid Exposure in Normal Weight, Overweight, and Obese Patients with GERD Symptoms. Gastroenterology 2007.
24. Choung Rok Seon, Talley Nicholas J., Crowell, Michael D., Locke G Richard, **Kim H. Jae**, Schleck, Cathy, Zinsmeister Alan R. Distinguishing Functional Disorders from Organic Disease. Gastroenterology 2007.
25. Choung Rok Seon, Talley Nicholas J., Crowell, Michael D., Locke G Richard, **Kim H. Jae**, Schleck, Cathy, Zinsmeister Alan R. Validation of Rome III criteria for functional GI disorders. Gastroenterology 2007.
26. Sharma VK, Wells CD, **Kim HJ**, Das A, DePetris G, McLaughlin R, Fleischer DE. Successful Ablation of Barrett Esophagus with Dysplasia using the HALO Ablation System in a Prospective Cohort. Am J Gastroenterology 2007.
27. Bradley AG, **Kim HJ**, DiBaise JK, Sharma VK, Crowell MD. Development and Validation of the pH-Metry Impact Scale and pH-Metry Symptoms Scale. Am J Gastroenterology 2007
28. Hansel SL, DiBaise JK, Malagon I, Haywood M, Stoa J, Sharma VK, **Kim HJ**, Crowell MD. Exclusion of the Meal Period Does Not Improve the Diagnostic Accuracy of 48-Hour Ambulatory Catheter-Free Esophageal pH Testing. Am J Gastroenterology 2007
29. **Kim HJ**, Roarke M, Camilleri M, Crowell MD, Tollefson C, Lee M, Burton D, Zinsmeister AR. Reduced Gastric Accommodation in Non-ulcer Dyspepsia (NUD) Lasts at Least 2 Hours: Studies by Simultaneous Gastric Volume and Emptying Measurements. Gastroenterology 2008.
30. Nguyen VX, **Kim HJ**, Nguyen C, DiBaise JK, Sharma VK, Crowell MD. High Resolution Esophageal Manometry (HRM): Evaluation of the New Diagnostic Criteria for Patients with Achalasia. Gastroenterology 2008.
31. Bradley A, **Kim HJ**, DiBaise J, Fleischer DE, Sharma VK, Crowell MD. Diurnal Patterns of Esophageal Acid Exposure in Male and Female Patients with Reflux Symptoms. Gastroenterology 2008.
32. Bradley A, **Kim HJ**, DiBaise J, Fleischer DE, Sharma VK, Crowell MD. Impact of Wireless versus Traditional Catheter Based pH Metry on Activities of Daily Living. Gastroenterology 2008.
33. Dzelcovic I, Fleischer DE, Crowell MD, **Kim HJ**, Burdick GE, Harris LA, McLaughlin RR, Spratley RV, Sharma V. Self-dilation as a treatment of resistant benign esophageal strictures: outcome, technique and quality of life assessment. *Am J Gastroenterol* 2009 Sep; 104(Suppl 3):S20: A49.

34. Han N, Crowell M, Pasha S, DePetris G, Sharma V, Fleischer D, **Kim HJ**. Reliability of histopathology in diagnosing eosinophilic esophagitis in adults. *Am J Gastroenterol* 2009 Oct; 104(Suppl 3):26.
35. Bradley A, Crowell MD, DiBaise J, **Kim HJ**, Sharma VK, Fleischer DE. Patient Characteristics Predict Variation in Tolerance of Wireless pH-metry. *Gastroenterology* 2009.
36. Hansel SL, Crowell MD, **Kim HJ**, Ghosh S, Burdick GE, DiBaise JK, Sharma VK. The Impact of Age on Esophageal Function and Quality of Life in Patients with Non-Obstructive Dysphagia. *Am J Gastroenterology* 2009.
37. Pyles R, Das A, DePetris G, Nguyen C, **Kim HJ**, Fleischer D, Sharma V. Endoscopic mucosal resection of high grade dysplasia (HGD) and early-stage esophageal adenocarcinoma using the 'ligate and cut' technique with the multi-band mucosectomy device. *Am J Gastroenterol* 2009 Oct; 104(Suppl 3):92.
38. Miller ED, De Petris G, Adams RH, Crowell MD, Hutt DK, Batheja MJ, Gallegos-Orozco JF, Han NJ, Hernandez JC, Leighton JA, **Kim HJ**, Leis JF, Slack JL, Decker GA. Prospective Evaluation of Graft versus Host Disease (GVHD) in the Gastrointestinal (GI) Tract to Determine the Optimal Biopsy Site for Diagnosis: Looking for a Smoking Gun in a Haystack. *Gastroenterology* 2010.
39. Saowanee N, **Kim HJ**, Fleischer DF, Sharma VK. Circumferential and focal ablation using the HALO system in Barrett's Esophagus with or without dysplasia: a single center experience. *Gastroenterology* 2010.
40. Ratuapli S, **Kim HJ**, Hernandez JC, Fleischer DF, Sharma VK, Dibaise JK, Burdick GE, Crowell MD. High Resolution Manometry (HRM) Reveals Worsening Esophageal Motor Function in Patients with Barrett's Esophagus. *Gastroenterology* 2010.
41. Hernandez JC, **Kim HJ**, Ratuapli S, DiBaise JK, Burdick GE, Crowell MD. Achalasia Subtypes: An Assessment of Inter- and Intra-rater Reproducibility *Gastroenterology* 2010.
42. Crowell MD, **Kim HJ**, Fleischer DF. Self Dilation as a Treatment for Resistant Benign Esophageal Strictures: Outcome, Technique and Quality of Life Assessment *Gastroenterology* 2010.
43. Ratuapli S, **Kim HJ**, Sharma VK, Fleischer DF. Factors Associated with Achieving Complete Response - Intestinal Metaplasia (CR-IM) with a Single Radiofrequency Ablation Session. *Gastroenterology* 2011 (Submitted).
44. Ratuapli S, **Kim HJ**, Sharma VK, Fleischer DF. Radiofrequency Ablation Achieves Ninety Six Percent Complete Response for Intestinal Metaplasia (CR-IM) in Barrett's Esophagus: A Single Center Experience. *Gastroenterology* 2011 (Submitted).

PERSONAL INFORMATION

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