

## Curriculum Vitae

### PERSONAL INFORMATION:

1. **Nationality** : South Korea

2. **Name** : Hyun Gun Kim., M.D., PhD., Associate professor

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Division of Gastroenterology, Department of Internal Medicine, Institute for Digestive Research,  
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### CERTIFICATION & LICENSE:

1999 License - Ministry of Health & Welfare, Korea

2004 Diplomate - Korean Board of Internal Medicine

2009 Diplomate(subspeciality)- The Korean Board of Internal Medicine

### ACADEMIC EDUCATION:

1999 Graduated from Soonchunhyang University, College of Medicine

1999 - 2004 Internship and Residency (dept. Internal Medicine) at Soonchunhyang  
University Hospital

2004 - 2006 Korean Epidemic Intelligence Service (KEIS) officer, Korea Center for  
Disease Control and Prevention (KCDC)

2007 - 2009 Fellowship (Gastroenterology, Digestive Disease Center) at Soonchunhyang  
University Hospital

2006 - 2008 Graduate school , Soonchunhyang University (Ph.D. course)

### APPOINTMENTS AND PROFESSIONAL ACTIVITIES:

2013.8 – 2015.1 Visiting Associate professor of Stanford University School of Medicine  
(Gastroenterology & Hepatology, Stanford University Hospital & Clinics)

2013 - present Associate professor (Dept. of Internal Medicine, Institute for Digestive  
Research, Digestive Disease Center, Soonchunhyang University Hospital)

2009 - 2012 Assistant professor (Dept. of Internal Medicine, Institute for Digestive

	Research, Digestive Disease Center, Soonchunhyang University Hospital)
2004 – present	Member, The Korean Association of Internal Medicine (KAIM)
2008 - present	Member, The Korean Society of Gastrointestinal Endoscopy (KSGE)
2008 - present	Member, The Korean Society of Gastroenterology (KGA)
2010 - present	Member, The Korean Society of Gastrointestinal Cancer
2009 - present	Member, Information committee, The Korean Association for the Study of Intestinal Diseases (KASID)
2010 - present	Member, Intestinal tumor research group, The Korean Association for the Study of Intestinal Diseases (KASID)
2011 - present	Member, Ethics and quality management committee, The Korean Society of Gastrointestinal Endoscopy (KSGE)
2012 - present	Member, Colorectal cancer research group. The Korean Society of Gastrointestinal Cancer (KSGC)
2012 – 2013	Member, Editorial board committee, The Korean Society of Gastroenterology (KGA)
2012 - 2013	Member, Editorial board committee, The Society of Gastrointestinal Intervention (SGI)
2013~2015	Stanford University Hospital & Clinics – Visiting professor

#### **RESEARCH FIELDS AND INTEREST:**

1. Colon polyp, Colon cancer prevention, Colon cancer screening, Colonoscopy surveillance, Advanced endoscopy, Therapeutic colonoscopy (Endoscopic submucosal dissection, stent intervention)
2. Well designed RCT - Design and statistics in Case-control study
3. Clinical epidemiology, Clinical trial

#### **AWARDS:**

1. 2007 Award for Best Korean Epidemic Intelligence Service (KEIS) officer, Korea Center for Disease Control and Prevention (KCDC)
2. 2010 Best article award, The Korean Society of Gastrointestinal Endoscopy (KSGE)
3. 2010 Tutor of year 2010, Soonchunhyang University College of Medicine
4. 2011 Travel Grant Award, United European Gastrointestinal Week (UEGW)

#### **PUBLICATIONS (Original article only)**

**- Corresponding or 1<sup>ST</sup> author publication –**

1. Effect of prior biopsy sampling, tattoo placement, and snare sampling on endoscopic resection of large nonpedunculated colorectal lesions. **Kim HG**, Thosani N, Banerjee S, Chen A, Friedland S. *Gastrointest Endosc.* 2015;81:204-13.
2. Randomized controlled trial of low-volume bowel preparation agents for colonic bowel preparation: 2-L polyethylene glycol with ascorbic acid versus sodium picosulfate with magnesium citrate. Jeon SR, **Kim HG**, Lee JS, Kim JO, Lee TH, Cho JH, Kim YH, Cho JY, Lee JS. *Int J Colorectal Dis.* 2014 Nov 20. [Epub ahead of print]
3. Sodium Picosulfate with Magnesium Citrate (SPMC) Plus Laxative Is a Good Alternative to Conventional Large Volume Polyethylene Glycol in Bowel Preparation: A Multicenter Randomized Single-Blinded Trial. **Kim HG**, Huh KC, Koo HS, Kim SE, Kim JO, Kim TI, Kim HS, Myung SJ, Park DI, Shin JE, Yang DH, Lee SH, Lee JS, Lee CK, Chang DK, Joo YE, Cha JM, Hong SP, Kim HJ. *Gut Liver.* 2014 Oct 7. doi: 10.5009/gnl14010. [Epub ahead of print]
4. Underwater endoscopic mucosal resection for recurrences after previous piecemeal resection of colorectal polyps (with video). **Kim HG**, Thosani N, Banerjee S, Chen A, Friedland S. *Gastrointest Endosc.* 2014 ;80:1094-102.
5. How to predict adequate bowel preparation before colonoscopy using conventional polyethylene glycol: Prospective observational study based on survey. **Kim HG**, Jeon SR, Kim MY, Lee TH, Cho JH, Ko BM, Kim JO, Cho JY, Lee JS. *Dig Endosc.* 2015;27:87-94.
6. Rescreening colonoscopy practice after a negative index colonoscopy in a clinical setting; cross-sectional study for interval and outcomes of rescreening colonoscopy. **Kim HG**, Jeon SR, Lee TH, Ko BM, Kim JO, Lee JS. *Hepatogastroenterology* 2014;61:2266-71.
7. Comparison of clinical effectiveness of the emergent colonoscopy in patients with hematochezia according to the type of bowel preparation. Lim DS, **Kim HG**, Jeon SR, Shim KY, Lee TH, Kim JO, Ko BM, Cho JY, Lee JS. *J Gastroenterol Hepatol* 2013;28:1733-1737
8. Clinical significance of the first surveillance colonoscopy after endoscopic early colorectal cancer. **Kim HG**, Lee SH, Jeon SR, Lee TH, Cho WY, Ko BM, Kim WJ, Kim JO, Cho JY, Lee JS, Lee MS. *Hepatogastroenterology* 2013;60:1047-52
9. Clinical comparison for colon polyps between right and left colon in Koreans. Um UH, **Kim HG**, Jeon

SR, Lee TH, Kim WJ, Ko BM, Kim JO, Cho JY, Lee JS, Lee MS. *Intest Res* 2012;10:372-378.

10. Clinical classification of colorectal epithelial tumors and proposal for diagnostic coding. **Kim HG**, Kim JO, Lee SH, Lee CK, Kim HS, Choi H, Yang DH, Keum B, Hong SP, Kim SE, Kim BC, Shin JE, Park CH, Eun CS, Kim TI, Park DI, Huh KC, Chang DK, Park SJ. *Intest Res*. 2011;9:1-11

11. Diagnostic agreement between capsule endoscopy and double balloon enteroscopy for small bowel disease. **Kim HG**, Kim JO, Lee TH, Kim WJ, Choi HS, Cho YK, Cho WY, Ko BM, Cho JY, Lee MS, Lee JS. *Korean J Gastrointest Endosc* 2010;40:236-243.

12. Small sphincterotomy combined with endoscopic papillary large balloon dilation versus sphincterotomy. Kim HG, Cheon YK, Cho YD, Moon JH, Park DH, Lee TH, Choi HJ, Park SH, Lee JS, Lee MS. *World J Gastroenterol* 2009;15:4298-304.

13. A novel device for endoscopic submucosal dissection, the Fork knife. **Kim HG**, Cho JY, Bok GH, Cho WY, Kim WJ, Hong SJ, Ko BM, Kim JO, Lee JS, Lee MS, Shim CS. *World J Gastroenterol* 2008;14:6726-6732.

**- Co-author publication -**

14. Comparison of High-resolution Anorectal Manometry With Water-perfused Anorectal Manometry. Kang HR, Lee J, Lee JS, Lee TH, Hong SJ, Kim JO, Jeon SR, **Kim HG**. *J Neurogastroenterol Motil*. 2014 Dec 26. doi: 10.5056/jnm14025. [Epub ahead of print]

15. Adding Endoscopist-Directed Flexible Endoscopic Evaluation of Swallowing to the Videofluoroscopic Swallowing Study Increased the Detection Rates of Penetration, Aspiration, and Pharyngeal Residue. Park WY, Lee TH, Ham NS, Park JW, Lee YG, Cho SJ, Lee JS, Hong SJ, Jeon SR, **Kim HG**, Cho JY, Kim JO, Cho JH, Lee JS. *Gut Liver*. 2014 Dec 5. doi: 10.5009/gnl14147. [Epub ahead of print]

16. High-resolution manometry: Reliability of automated analysis of upper esophageal sphincter relaxation parameters. Lee TH, Lee JS, Hong SJ, Lee JS, Jeon SR, Kim WJ, **Kim HG**, Cho JY, Kim JO, Cho JH, Park WY, Park JW, Lee YG. *Turk J Gastroenterol*. 2014;25:473-80.

17. Double-balloon enteroscopy in elderly patients: is it safe and useful? Choi DH, Jeon SR, Kim JO, **Kim HG**, Lee TH, Lee WC, Kang BS, Cho JH, Jung Y, Kim WJ, Ko BM, Cho JY, Lee JS, Lee MS. *Intest Res*. 2014;12:313-9.

18. Does metformin affect the incidence of colonic polyps and adenomas in patients with type 2 diabetes mellitus? Cho YH, Ko BM, Kim SH, Myung YS, Choi JH, Han JP, Hong SJ, Jeon SR, **Kim HG**, Kim JO, Lee MS. *Intest Res*. 2014;12:139-4.

19. High-resolution Impedance Manometry Criteria in the Sitting Position Indicative of Incomplete Bolus Clearance. Park EJ, Lee JS, Lee TH, Bok GH, Hong SJ, **Kim HG**, Jeon SR, Kim JO. *J Neurogastroenterol Motil.* 2014;20:491-6.
20. High-resolution impedance manometry facilitates assessment of pharyngeal residue and oropharyngeal dysphagic mechanisms. Lee TH, Lee JS, Park JW, Cho SJ, Hong SJ, Jeon SR, Kim WJ, **Kim HG**, Cho JY, Kim JO. *Diseases of the Esophagus* 2014;27:220-9.
21. Clinical practice of surveillance colonoscopy according to the classification of colorectal intraepithelial neoplasia in Korea: high-grade dysplasia/carcinoma in situ versus intramucosal carcinoma. Hong SP, Kim TI, **Kim HG**, Kim HS, Kim SE, Huh KC, Shin JE, Cha JM, Lee SH. *Intest Res* 2013;11:276-82
22. Impedance Analysis Using High-resolution Impedance Manometry Facilitates Assessment of Pharyngeal Residue in Patients With Oropharyngeal Dysphagia. Lee TH, Lee JS, Hong SJ, Lee JS, Jeon SR, Kim WJ, **Kim HG**, Cho JY, Kim JO, Cho JH, Kim MY, Kwon SH. *J Neurogastroenterol Motil.* 2014 Jul 31;20:362-7.
23. Does metformin affect the incidence of colonic polyps and adenomas in patients with type 2 diabetes mellitus? Cho YH, Ko BM, Kim SH, Myung YS, Choi JH, Han JP, Hong SJ, Jeon SR, **Kim HG**, Kim JO, Lee MS. *Intest Res* 2014;12:139-45.
24. Magnifying endoscopy for the diagnosis of specialized intestinal metaplasia in short-segment Barrett's esophagus. Ham NS, Jang JY, Ryu SW, Kim JH, Park EJ, Lee WC, Shim KY, Jeong SW, **Kim HG**, Lee TH, Jeon SR, Cho JH, Cho JY, Jin SY, Lee JS. *World J Gastroenterol.* 2013; 19:7089-96
25. Endoscopic submucosal dissection using a thulium laser: preliminary results of a new method for treatment of gastric epithelial neoplasia. Cho JH, Cho JY, Kim MY, Jeon SR, Lee TH, **Kim HG**, Jin SY, Hong SJ. *Endoscopy.* 2013;45:725-8.
26. Double-balloon enteroscopy in elderly patients: is it safe and useful? Choi DH, Jeon SR, Kim JO, **Kim HG**, Lee TH, Lee WC, Kang BS, Cho JH, Jung YH, Kim WJ, Ko BM, Cho JY, Lee JS, Lee MS. *Intest Res* 2014;12:313-9.
27. Is there a difference between capsule endoscopy and computed tomography as a first-line study in obscure gastrointestinal bleeding? Jeon SR, Kim JO, **Kim HG**, Lee TH, Cho JH, Prk EJ, Lim DS, Kim WJ, Ko BM, Cho JY, Lee JS, Lee MS. *Turk J Gastroenterol* 2014;25:257-63
28. Magnifying endoscopy for the diagnosis of specialized intestinal metaplasia in short-segment Barrett's esophagus. Ham NS, Jang JY, Ryu SW, Kim JH, Park EJ, Lee WC, Shim KY, Jeong SW, **Kim HG**, Lee TH, Jeon SR, Cho JH, Cho JY, Jin SY, Lee JS. *World J Gastroenterol.* 2013;19:7089-96.

29. Clinical outcomes and risk factors of post-polypectomy coagulation syndrome; a multicenter, retrospective, case-control study, Cha JM, Lim KS, Lee SH, Joo YE, Hong SP, Kim TI, **Kim HG**, Park DI, Kim SE, Yang DH, Shin JE. *Endoscopy* 2013;45:202-207.
30. Rectal hyposensitivity and functional anorectal outlet obstruction are common entities in patients with functional constipation but are not significantly associated. Lee TH, Lee JS, Hong SJ, Jeon SR, Kwon SH, Kim WJ, **Kim HG**, Cho WY, Cho JY, Lee JS. *Korean J Intern Med* 2013;28:54-61.
31. The accuracy of probe-based confocal endomicroscopy versus conventional endoscopic biopsies for the diagnosis of superficial gastric neoplasia (with videos). Bok JH, Jeon SR, Cho JY, Cho JY, Lee WC, Jin SY, Choi IH, **Kim HG**, Lee TH, Park EJ. *Gastrointest Endosc* 2013;77:899-908.
32. Variable clinical classifications and diagnostic coding systems of colorectal neuroendocrine tumor. Kim BC, Park CH, Kim TI, Lee SH, Kim JO, Kim HS, Yang DH, Keum B, Kim SE, **Kim HG**, Shin JE, Cha JM, Joo YE, Park DI, Choi H, Huh KC, Myung SJ, Chang DK, Park SJ. *Intest Res* 2013;11:14-22.
33. Clinical practice of surveillance colonoscopy according to the classification of colorectal intraepithelial neoplasia in Korea. Hong SP, Kim TI, **Kim HG**, et al. *Intest Res* 2013;11:276-282.
34. Analysis of colonoscopy quality in clinical practices of Korea. Chun CG, **Kim HG**, Jeon SR, et al. *Intest Res* 2013;11:198-203.
35. Advanced neoplasm detection and its associated factors in colonoscopic surveillance of endoscopically resected early colorectal cancer. Kwon SH, Choo JW, **Kim HG**, et al. *Korean J Gastroenterol* 2013;62:219-226.
36. Endoscopic submucosal dissection using a thulium laser; preliminary results of a new method for treatment of gastric epithelial neoplasia. Cho JH, Cho JY, Kim MY, Jeon SR, Lee TH, **Kim HG**, et al. *Endoscopy* 2013;45:725-728.
37. Plasma levels of acylated ghrelin in patients with functional dyspepsia. Kim YS, Lee JS, Lee TH, Cho JY, Kim JO, Kim WJ, **Kim HG**, Jeon SR, Jeong HS. *World J Gastroenterol.* 2012;18:2231-2237.
38. Cryptogenic pyogenic liver abscess as the herald of colon cancer. Jeong SW, Jang JY, Lee TH, **Kim HG**, Hong SW, Park SH, Kim SG, Cheon YK, Kim YS, Cho YD, Kim JO, Kim BS, Lee EJ, Kim TH. *J*

Gastroenterol Hepatol. 2012 Feb;27(2):248-255

39 Jejunal variceal bleeding successfully treated with percutaneous coil embolization. Koo SM, Jeong SW, Jang JY, Lee TH, Jeon SR, **Kim HG**, Kim JO, Kim YJ. J Korean Med Sci. 2012 Mar;27(3):321-324.

40. Examination of the effects of vardenafil on esophageal function using multichannel intraluminal impedance and manometry. Lee TH, Lee JS, Hong SJ, Jeon SR, Kim WJ, **Kim HG**, Cho JY, Kim JO. J Neurogastroenterol Motil 2012;18:399-405.

41. Hybrid natural orifice transluminal endoscopic surgery: endoscopic full-thickness resection of early gastric cancer and laparoscopic regional lymph node dissection-14 human cases. Cho WY, Kim YJ, Cho JY, Bok GH, Jin SY, Lee TH, **Kim HG**, Kim JO, Lee JS. Endoscopy 2011;43:134-139.

42. Long-term result of endoscopic Histoacryl (N-butyl-2 cyanoacrylate) injection for treatment of gastric varices. Kang EJ, Jeong SW, Jang JY, Cho JY, Lee SH, **Kim HG**, Kim SG, Kim YS, Cheon YK, Cho YD, Kim HS, Kim BS. World J Gastroenterol 2011;17:1494-1500.

43. Frozen Section Biopsy to Evaluation of Obscure Lateral Resection Margins during Gastric Endoscopic Submucosal Dissection for Early Gastric Cancer. Kang EJ, Cho JY, Lee TH, Jin SY, Cho WY, Bok JH, **Kim HG**, Kim JO, Lee JS, Lee IH. J Gastric Cancer. 2011;11:155-61.

44. Clinical usefulness of 64-channel multidetector computed tomography, capsule endoscopy and double balloon enteroscopy in obscure gastrointestinal bleeding. Park JS, Kim JO, **Kim HG**, Lee JS, Jeon SR, Ahn BK, Kim MJ, Yoo JY. Soonchunhyang Medical Science 2011;17:86-94.

45. Endoscopic submucosal dissection with sentinel node navigation surgery for early gastric cancer. Bok JH, Kim YJ, Jin SY, Chun CG, Lee TH, **Kim HG**, Jeon SR, Cho JY. Endoscopy 2012;44:953-956

46. Does immunohistochemical staining have a clinical impact in early gastric cancer conducted endoscopic submucosal dissection? Jeon SR, Cho JY, Bok GH, Lee TH, **Kim HG**, Cho WY, Jin SY, Kim YS. World J Gastroenterol 2012;18:4578-4584.

47. Changes over time in indications, diagnostic yield, and clinical effects of double balloon enteroscopy. Jeon SR, Kim JO, **Kim HG**, Lee TH, Kim WJ, Ko BM, Cho JY, Lee JS, Lee MS. Clin Gastroenterol Hepatol 2012;10:1152-1156.

48. Migrated anchoring gastric band removed by double balloon enteroscopy. Jeon SR, Kim JO, **Kim HG**, Lee TH, Kim WJ, Cho JY, Lee JS, Kim YJ, Hur KY. Gastrointest Endosc 2011;64:225-227

49. Capsule endoscopy for suspected small bowel bleeding in patients with portal hypertension. Cheon KI, Kim JO, Hong SW, Jeon SR, Lee TH, **Kim HG**, Cho WY, Kim WJ, Kim MJ, Jeong SW, Jang JY, Ko

BM, Cho JY, Lee JS. 2011;9:129-138.

50. Appropriate indications for endoscopic submucosal dissection of early gastric cancer according to tumor size and histologic type. Lee TH, Cho JY, Chang YW, Kim JO, Lee JS, Cho WY, **Kim HG**, Kim WJ, Park YS, Jin SY. *Gastrointest Endosc* 2010;71:920-926.

51. The efficacy of diagnostic and therapeutic laparoscopic lymph node dissection after endoscopic submucosal dissection in early gastric cancer. Kim YH, Cho JY, Cho WY, Cho YK, Lee TH, **Kim HG**, Kim JO, Lee JS, Kim YJ, Jin SY. *Korean J Gastrointest Endosc* 2010;40:90-96.

52. Changes in indications and diagnostic rates of capsule endoscopy in a single center. Lee TH, Kim JO, **Kim HG**, Choi HS, Kim WJ, Cho YK, Cho WY, Ko BM, Cho JY, Lee JS, Lee MS. *Korean J Gastrointest Endosc* 2010;40:352-356.

53. The antro-pyloric capsular movement by capsule endoscopy. Kim KM, Lee JS, Lee TH, Cho WY, **Kim HG**, Kim JO, Cho JY, Hong SJ. *J Neurogastroenterol Motil* 2010;16:172-176.

54. Usefulness of magnifying endoscopy for iodine-unstained lesions in an high-risk esophageal cancer population. Choi IS, Jang JY, Cho WY, Lee TH, **Kim HG**, Lee BY, Jeong SW, Cho JY, Lee JS, Jin SY. *World J Gastroenterol* 2010;16:4709-4715.

55. Comparison of the cut direction between gross finding, stereoscopic finding, and pathologic mapping of endoscopic submucosal dissection specimen. Cho YK, Cho JY, Jin SY, Cho WY, Jung YH, Lee TH, **Kim HG**, Kim JO, Lee JS. *Korean J Gastroenterol* 2010;56:293-298.

56. Characteristics of lesions misdiagnosed as obscure gastrointestinal bleeding. Choi HS, Kim JO, Kim DK, Jeon SR, Jung YH, **Kim HG**, Lee TH, Cho WY, Kim WJ, Ko BM, Lee MS, Cho JY. *Korean J Gastrointest Endosc* 2010;41:79-84.

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