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Country	Korea, Republic of	
Organization	Division of Gastroenterology and Hepatology, Department of Internal Medicine, Institute of Gastrointestinal Medical Instrument Research, Korea University College of Medicine, Seoul, Korea	
Current Position	Associate Professor	

Educational Background

M.D.Degree, Korea University College of Medicine, 2004
M.Sc.Degree, Korea University Graduate School, 2009
Ph.D Degree, Korea University Graduate School, 2012

Professional Experiences

Clinical Instructor, Korea University College of Medicine, 2010-2014
Clinical assistant professor of Internal Medicine, Korea University College of Medicine 2015
Assistant Professor of Internal Medicine, Korea University College of Medicine 2015 ~
Associate professor of Internal Medicine, Korea University College of Medicine 2019~

Professional Organizations

Secretary Member, Korean the Korean College of Helicobacter and Upper Gastrointestinal Research, Ethics & Education Committee, 2019~ present
Member, Korean Society of Gastroenterology(KSG), Guideline committee 2018~present
Member, the Intestinal tumor research group, Korean Association for the Study of Intestinal Diseases(KASID) 2017 ~present
Informatics Committee Director, Society for Medical Innovation and Technology(SMIT) 2018
Secretary General, The Korean Natural Orifice Transluminal Endoscopy Surgery Association(K-NOTES) 2017~present
Member, Korean Society of Gastrointestinal Endoscopy(KSGE), The Quality Management Committee,
Member, Korean Society of Gastrointestinal Endoscopy(KSGE), The Public Affairs Committee
Member, Korean Society of Gastrointestinal Endoscopy(KSGE), The Education and Training Committee
Member, Korean Society of Gastrointestinal Endoscopy(KSGE), Metabolism and Obesity Study Group
2017~present: Member, Korean Society of Gastrointestinal Endoscopy(KSGE), the compilation committee
Member, European Society of Digestive Oncology(ESDO)
Member, the American Society of Gastrointestinal Endoscopy (ASGE)
Member, The American Gastroenterological Association(AGA)
Consultation Committee Member, Korea Evaluation Institute Of Industrial Technology, Ministry of Trade, Industry and Energy, Korea

Main Scientific Publications



Comparative Efficacy of Bariatric Surgery in the Treatment of Morbid Obesity and Diabetes Mellitus: a Systematic Review and Network Meta-Analysis.

Obes Surg. 2019 Apr 29. doi: 10.1007/s11695-019-03831-6

Evaluation of bowel preparation quality in patients with a history of colorectal resection.

Turk J Gastroenterol. 2019 Jan 22. doi: 10.5152/tjg.2018.17517

EUS-guided irreversible electroporation using endoscopic needle-electrode in porcine pancreas.

Surg Endosc. 2019 Feb;33(2):658-662. doi: 10.1007/s00464-018-6425-4.

A randomized controlled trial comparing the efficacy of 1-L polyethylene glycol solution with ascorbic acid plus prucalopride versus 2-L polyethylene glycol solution with ascorbic acid for bowel preparation.

Scand J Gastroenterol. 2018 Dec;53(12):1619-1624 Epub 2019 Jan 8.

A Pilot Study of Endoscopic Submucosal Dissection Using an Endoscopic Assistive Robot in a Porcine Stomach Model.

Gut Liver. 2018 Dec 19. doi: 10.5009/gnl18370.

A randomized controlled trial comparing the efficacy of 1-L polyethylene glycol solution with ascorbic acid plus prucalopride versus 2-L polyethylene glycol solution with ascorbic acid for bowel preparation.

Scand J Gastroenterol. 2018 Dec;53(12):1619-1624 Epub 2019 Jan 8.

Impact of diet restriction on bowel preparation for colonoscopy.

Medicine (Baltimore). 2018 Oct;97(41):e12645

Diagnostic Benefit of Simultaneous Capsule Endoscopy Using Two Different Systems.

Gastroenterol Res Pract. 2018 May 28;2018:9798546. doi: 10.1155/2018/9798546. eCollection 2018.

A promising Forcep Strip Method for gastrointestinal subepithelial tumors originating from the muscularis propria.

Dig Liver Dis. 2017 Dec 15

Recent Trends in Endoscopic Bariatric Therapies.

Clin Endosc. 2017 Jan;50(1):11-16. doi: 10.5946/ce.2017.007. Review. PMID: 28147471

Comparison of a split-dose bowel preparation with 2L polyethylene glycol plus ascorbic acid and 1L polyethylene glycol plus ascorbic acid and bisacodyl before colonoscopy.

Gastrointest Endosc. 2016 Nov 23. pii: S0016-5107(16)30762-3. doi: 10.1016/j.gie.2016.10.040.

Polyethylene glycol plus ascorbic acid for bowel preparation in chronic kidney disease.

Medicine (Baltimore). 2016 Sep;95(36):e4755.

Improving of bowel cleansing effect for polyethylene glycol with ascorbic acid using simethicone: A randomized controlled trial.

Medicine (Baltimore). 2016 Jul;95(28):e4163. doi: 10.1097/MD.0000000000004163.

Current status of intragastric balloon for obesity treatment.

World J Gastroenterol. 2016 Jun 28;22(24):5495-504. doi: 10.3748/wjg.v22.i24.5495. Review.

PMID: 27350727 Free PMC Article

Endoscopic en bloc resection of an exophytic gastrointestinal stromal tumor with suction excavation technique.

World J Gastroenterol. 2016 Jun 21;22(23):5454-8. doi: 10.3748/wjg.v22.i23.5454.



A Novel Endoscopic Surgical Device for Gastric Volume Reduction Bariatric Surgery
INTERNATIONAL JOURNAL OF PRECISION ENGINEERING AND MANUFACTURING(IJPEM) Vol. 17,
No. 4, pp. 467-472, April, 2016

A Novel Fixation Method for Variable-Sized Endoscopic Submucosal Dissection Specimens: An In Vitro
Animal Experiment.

PLoS One. 2016 Jan 7;11(1):e0146573. doi: 10.1371/journal.pone.0146573. eCollection 2016.

Endoscopic suturing device using new reciprocating curved needle

INTERNATIONAL JOURNAL OF PRECISION ENGINEERING AND MANUFACTURING (IJPEM). 2016

June, Volume 16, Issue 6, pp 1215-1219
