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<b>Affiliation</b>	Hallym University College of Medicine
<b>Country</b>	Korea
<b>Major Field</b>	Gastroenterology, AI, meta-analysis, Endoscopy, <i>H. pylori</i>

### Educational Background

1999 - 2005 M.D., Dankook University College of Medicine, Cheonan, Korea  
 2007 - 2014 M.S., Dankook University College of Medicine, Cheonan, Korea  
 2014 - 2016 Ph.D., Dankook University College of Medicine, Cheonan, Korea

### Professional Experience

2006 - 2010 Resident Trainee in Internal Medicine, Dankook University hospital, Cheonan, Korea  
 2013 - 2015 Fellowship trainee in Gastroenterology, Hallym University Chuncheon Sacred Heart hospital, Chuncheon, Korea  
 2015 – 2019 Assistant Professor, Department of Internal Medicine, Hallym University College of Medicine, Chuncheon, Korea  
 2018 – 2019 IMBA visiting professor (Austria Vienna)  
 2020 – Associate Professor, Department of Internal Medicine, Hallym University College of Medicine, Chuncheon, Korea  
 2025 – Professor, tenured, Director, Department of Internal Medicine, Hallym University College of Medicine, Chuncheon, Korea

### Main Scientific Publications

1. Cho BJ, Bang CS, Park SW, et al. Automated classification of gastric neoplasms in endoscopic images using a convolutional neural network. *Endoscopy* 2019;51:1121-1129
2. Cho BJ, Bang CS. Artificial Intelligence for the Determination of a Management Strategy for Diminutive Colorectal Polyps: Hype, Hope, or Help. *Am J Gastroenterol* 2020;115:70-72.
3. Bang CS, Lee JJ, Baik GH. Computer-aided diagnosis of esophageal cancer and neoplasms in endoscopic images: a systematic review and meta-analysis of diagnostic test accuracy. *Gastrointest Endosc* 2021;93:1006-1015.e13
4. Bang CS, Lee JJ, Baik GH. Artificial Intelligence for the Prediction of *Helicobacter pylori* Infection in Endoscopic Images: Systematic Review and Meta-Analysis of Diagnostic Test Accuracy. *J Med Internet Res* 2020;22:e21983.
5. Bang CS, Ahn JY, Kim JH, Kim YI, Choi IJ, Shin WG: Establishing Machine Learning Models to Predict Curative Resection in Early Gastric Cancer with Undifferentiated Histology: Development and Usability Study. *J Med Internet Res* 2021;23(4):e25053.
6. Gong EJ, Bang CS, et al. Deep-learning-based clinical decision support system for gastric neoplasms in real-time endoscopy: Development and validation study. *Endoscopy*. 2023;55(8):701-708.



7. Bang CS, et al. Amoxicillin or tetracycline in bismuth-containing quadruple therapy as first-line treatment for *Helicobacter pylori* infection. *Gut Microbes* 2020 Sep 2;11(5):1314-1323.
8. Bang CS, et al. Effect of intragastric injection of botulinum toxin A for the treatment of obesity: a meta-analysis and meta-regression. *Gastrointest Endosc* 2015 May;81(5):1141-9.e1-9.
9. Gong EJ, Bang CS, Lee JJ. Computer-aided diagnosis in real-time endoscopy for all stages of gastric carcinogenesis: Development and validation study. *United European Gastroenterol J.* 2024 May;12(4):487-495.
10. Gong EJ, Bang CS, et al. Clinical Decision Support System for All Stages of Gastric Carcinogenesis in Real-Time Endoscopy: Model Establishment and Validation Study. *J Med Internet Res.* 2023 Oct 30;25:e50448.
11. Gong EJ, Bang CS, et al. Deep learning-based clinical decision support system for gastric neoplasms in real-time endoscopy: development and validation study. *Endoscopy.* 2023 Aug;55(8):701-708.
12. Gong EJ, Bang CS, et al. Large Language Models in Gastroenterology: Systematic Review. *J Med Internet Res.* 2024 Dec 20;26:e66648