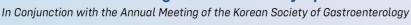


Seoul International Digestive Disease Symposium 2024

"Pioneering the future of digestive diseases"





Name	Jinbae Park
Affiliation	Ainex Corp.
Country	Korea
Major Field	Artificial intelligence in endoscopy

Educational Background

April 20-21, 2024

Grand Walkerhill Seoul, Korea

2011-2013 M.S. Electronics and Radio Engineering, Kyunghee University 2005-2011 B.S. Electronic Engineering, Kyunghee University

Professional Experience

2021-Present Ainex Corp, Software Development division

2020-2021Hanwha system, Artificial Intelligence SW division

2013-2020 Hanwha, R&D division

Main Scientific Publications

- 1. Deep learning-based prediction model for pathologic results of early gastric cancer using conventional white-light endoscopic images
- 2. Artificial Intelligence Assisted Endoscopic Diagnostic Model of Precancerous Gastric Lesions: Clinical application of artificial intelligence to predict metachronous recurrence after endoscopic resection of gastric neoplasms
- 3. Application of Artificial Intelligence in the Detection of Borrmann Type 4 Advanced Gastric Cancer in Upper Endoscopy
- 4. Clinical Evaluation Of An Artificial Intelligence System For Upper Gastrointestinal Endoscopy On Detecting And Diagnosing Gastric Lesions Pathologically Pre-Diagnosed With Atypia And Gastric Dysplasia: A Pilot Study
- 5. THE REAL-TIME AUTOMATIC ENDOSCOPIC DETECTION OF GASTRIC DYSPLASIA AND EARLY GASTRIC CANCER THROUGH ARTIFICIAL INTELLIGENCE-BASED SYSTEM: A PILOT STUDY
- 6. Comparison of Korean Embedding Performance using Pre-trained Model
- 7. Pragmatic analog network coding with relay selection for OFDM-based multirelay networks
- 8. Analysis on Average Sum Rate of Two-Way Relaying with Simple Analog Network Coding in Nakagami Fading Channels

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