




## Curriculum Vitae

Personal Information		
Title (i.e. Pf., Dr., etc.)	Assistant Professor	
Name (First name_Last Name)	Sungmoon Jeong	
Degree (i.e. MD, Msc, PhD, etc.)	PhD	
Country	Korea	
Affiliation	Kyungpook National University	
Educational Background		
2008-2013 Ph.D. Electrical Engineering and Computer Science, KNU, Republic of Korea 2006-2008 M.S. School of Electronics, KNU, Republic of Korea 2001-2006 B.S. Electrical Engineering and Computer Science, KNU, Republic of Korea		
Professional Experience		
2019- Asst. Prof., Dept. of Medical Informatics, School of Medicine, Kyungpook National Univ. (KNU), Korea 2018- Asst. Prof., Research Center for AI in Medicine (AIM), KNU Hospital (KNUH), Korea 2013-2018 Asst. Prof., Research unit of intelligent robots, School of Information Science, Japan Advanced Institute of Science and Technology, Japan		
Professional Organizations		
Brain Engineering Society of Korea The Korean Society of Medical Informatics Korean Society of Artificial Intelligence in Medicine Korea Institute of information and Communication Engineering		
Main Scientific Publications		
1. Deep learning model using stool pictures for predicting endoscopic mucosal inflammation in patients with ulcerative colitis, <i>American Journal of Gastroenterology</i> , 10.14309, 2024. 2. ECG data analysis to determine ST-segment elevation myocardial infarction and infarction territory type: an integrative approach of artificial intelligence and clinical guidelines, <i>Frontiers in Physiology</i> 15, 1462847, 2024. 3. Comparing deep learning and handcrafted radiomics to predict chemoradiotherapy response for locally advanced cervical cancer using pretreatment MRI, <i>Scientific Reports</i> 14 (1), 1180, 2024 4. Roadmap for providing and leveraging annotated data by cytologists in the PDAC domain as open data: support for AI-based pathology image analysis development and data utilization strategies, <i>Frontiers in Oncology</i> 14, 2024. 5. Tooth caries classification with quantitative light-induced fluorescence (QLF) images using convolutional neural network for permanent teeth in vivo, <i>BMC Oral Health</i> , 23, 2023 6. Use of video-based telehealth services using a mobile app for workers in underserved areas during the COVID-19 pandemic: A prospective observational study, <i>International Journal of Medical Informatics</i> , 166, 2022.		

