



CURRICULUM VITAE

Name	Dukyong Yoon	Country	Korea
Current Position	Assistant professor Department of Biomedical Systems Informatics, Yonsei University College of Medicine		

Educational Background		
2016	Ph.D.	Ajou University School of Medicine
2011	MS	Ajou University School of Medicine
2008	M.D.	Ajou University School of Medicine

Professional Experience	
2021-present	Assistant professor, Department of Biomedical Systems Informatics, Yonsei University College of Medicine
2018-present	Chief Executive Officer, BUD.on
2016-2021	Assistant/Associate Professor, Department of Biomedical informatics, Ajou University School of Medicine

Professional Organizations
The Korean Society of Medical Informatics (KOSMI) The Korean Society of Artificial Intelligence in Medicine (KoSAIM) The Korean Society of Health Informatics and Statistics (KOSHIS) Korean Society of Medical Big-data Research

Main Scientific Publications
<ul style="list-style-type: none">Han C, Kang K-W, Kim TY, Uhm J-S, Park J-W, Jung IH, Kim M, Bae S, Lim H-S and Yoon D (2022) Artificial Intelligence-Enabled ECG Algorithm for the Prediction of Coronary Artery Calcification. <i>Front. Cardiovasc. Med.</i> 9:849223. doi: 10.3389/fcvm.2022.849223Han C, Kwon O, Chang M, Joo S, Lee Y, Lee JS, Hong JM, Lee S-J and Yoon D (2022) Evaluating the Risk of Paroxysmal Atrial Fibrillation in Noncardioembolic Ischemic Stroke Using Artificial Intelligence-Enabled ECG Algorithm. <i>Front. Cardiovasc. Med.</i> 9:865852. doi: 10.3389/fcvm.2022.865852Park, Bumhee et al. "Modeling Brain Volume Using Deep Learning-Based Physical Activity Features in Patients

With Dementia." *Frontiers in neuroinformatics* vol. 16 795171. 9 Mar. 2022, doi:10.3389/fninf.2022.795171

- Han, Changho et al. "Automated Detection of Acute Myocardial Infarction Using Asynchronous Electrocardiogram Signals-Preview of Implementing Artificial Intelligence With Multichannel Electrocardiographs Obtained From Smartwatches: Retrospective Study." *Journal of medical Internet research* vol. 23,9 e31129. 10 Sep. 2021, doi:10.2196/31129
- Jang, Jong-Hwan et al. "Deep Learning Approach for Imputation of Missing Values in Actigraphy Data: Algorithm Development Study." *JMIR mHealth and uHealth* vol. 8,7 e16113. 23 Jul. 2020, doi:10.2196/16113