


CURRICULUM VITAE

Personal Information

Title	Pf.	
Name	Seo Yeon Youn (서연 윤)	
Degree	MD/PhD	
Country	Republic of Korea	
Affiliation	Seoul St. Mary's hospital	
Department	Radiology	

Educational Background

Feb. 2008: Bachelor of Science degree, electrical engineering, graduate from KAIST (Korea Advanced Institute of Science and Technology), Korea

Feb. 2014: Master's degree, graduate from college of medicine, The Catholic University of Korea, Korea

Feb. 2020: PhD degree, graduate from college of medicine, The Catholic University of Korea, Korea

Professional Career

Mar. 2021 –April 2022: Clinical assistant professor, Seoul St. Mary's hospital, College of Medicine, the Catholic University of Korea, Seoul, Korea

May 2022 –Feb. 2024: Clinical professor, Seoul national university hospital

Mar. 2024 – present: Clinical assistant professor, Seoul St. Mary's hospital, College of Medicine, the Catholic University of Korea, Seoul, Korea

Research Field

My research focuses on abdominal imaging, particularly hepatobiliary and pancreatic diseases.
I am interested in applying radiomics and deep learning to improve tumor characterization and prognostic prediction.
I also study radiogenomic correlations and spatial transcriptomic patterns in abdominal malignancies.
Overall, my research aims to integrate quantitative imaging biomarkers with clinical and molecular data for precision medicine

Main Scientific Publications

Comparison of ultrasound-detected and undetected hepatocellular carcinomas: a *post-hoc*, subgroup analysis from the MAGNUS-HCC surveillance trial, Ultrasonography 2025 Sep 8

Liver Imaging-Reporting and Data System treatment response algorithm predicts postsurgical recurrence in locoregional therapy-treated hepatocellular carcinoma, European Radiology,32:6270–6280,2022

Diagnostic performance of Liver Imaging Reporting and Data System treatment response algorithm: a systematic review and meta-analysis, European Radiology 31 (7), 4785-4793

Usefulness of Arterial Subtraction in Applying Liver Imaging Reporting and Data System (LI-RADS) Treatment Response Algorithm to Gadoxetic Acid-Enhanced MRI, Korean J Radiol 2021;22(8):1289-1299

Integrated analysis of spatial transcriptomics and CT phenotypes for unveiling the novel molecular characteristics of recurrent and nonrecurrent high-grade serous ovarian cancer, Biomarker Research, 12:80, 2024

Detection and PI-RADS classification of focal lesions in prostate MRI: Performance comparison between a deep learning-based algorithm (DLA) and radiologists with various levels of experience, European Journal of Radiology, 142:109894, 2021

Prostate gland volume estimation: anteroposterior diameters measured on axial versus sagittal ultrasonography and magnetic resonance images, Ultrasonography, 42:154-164, 2023

Prognostic value of low muscle mass at the 12th thoracic vertebral level in multiple myeloma treated with transplantation: CAREMM-2101 study, Diagnostic and Interventional Radiology, 29(4):596-608, 2023