CURRICULUM VITAE

Name: Minkook Seo, M.D., Ph.D.

Current Affiliation: Clinical Assistant Professor,
Neuroradiology,
Department of Radiology and
Research Institute of Radiology,
University of Ulsan College of Medicine,
Asan Medical Centre,
88 Olympic-ro 43-gil, Songpa-gu, Seoul, 05505,
Korea, Republic of
E-mail: rad.seomk@gmail.com

Education

Korea Science Academy, Busan, Korea
Mar 2003 – Feb 2006

Korea Advanced Institute of Science and Technology, Daejeon, Korea
B.S. in Biological Sciences, Mar 2006 – Feb 2012

The Catholic University of Korea, Seoul, Korea
M.D., Mar 2012 – Feb 2016

The Catholic University of Korea, Seoul, Korea
Ph.D., Mar 2023 – Aug 2025

Professional Experience

Catholic Medical Center, Korea

Intern, Mar 2016 – Feb 2017

Catholic Medical Center, Korea

Resident in Radiology, Mar 2017 – Feb 2021

Seoul St. Mary's Hospital, Seoul, Korea

Fellow in Neuroradiology, Mar 2021 – Feb 2022

Seoul St. Mary's Hospital, Seoul, Korea

Clinical Assistant Professor, Neuroradiology, Mar 2023 – Feb 2026

Asan Medical Centre, Seoul, Korea

Clinical Assistant Professor, Neuroradiology, Mar 2026 – present

Professional Organizations

Korean Society of Radiology (KSR)

Public Relations Secretary (2024–present)

Member, Physics Section, E-Learning Committee (2025–present)

Member, Scientific Committee, Korean Congress of Radiology (2025–present)

Korean Society of Neuroradiology (KSNR)

Academic Secretary (2025–present)

Korean Society of Thyroid Radiology (KSThR)

Member

Korean Society of Magnetic Resonance in Medicine (KSMRM)

Member

Publications

M Seo, Y Choi, S Lee, et al. Diagnostic Value of Susceptibility-Weighted MRI in Differentiating Cerebellopontine Angle Schwannoma from Meningioma. Investig Magn Reson Imaging 2020;24(1):38-45

M Seo, M Choi, Y Lee, et al. Evaluating the added benefit of CT texture analysis on conventional CT analysis to differentiate benign ovarian cysts. Diagn Interv Radiol 2021;27:460-468

M Seo, K-J Ahn, Y Choi, et al. Volumetric Measurement of Relative CBV Using T1-Perfusion-Weighted MRI with High Temporal Resolution Compared with Traditional T2*-Perfusion-Weighted MRI in Postoperative Patients with High-Grade Gliomas. Am J Neuroradiol 2022;43(6):864-871

M Seo, J Yoon, Y Choi, et al. Image Quality of High-Resolution 3-Dimensional Neck MRI Using CAIPIRINHA-VIBE and GRASP-VIBE: An Intraindividual Comparative Study. Invest Radiol 2022;57(11):711-719

M Seo, Y Choi, YS Lee, et al. Glioma grading using multiparametric MRI: head-to-head comparison among dynamic susceptibility contrast, dynamic contrast-enhancement, diffusion-weighted images, and MR spectroscopy. Eur J Radiol 2023;165(8):110888

JH Shin, **M Seo,** MK Lee, et al. Comparison of the Therapeutic Efficacy and Technical Outcomes between Conventional Fixed Electrodes and Adjustable Electrodes in the Radiofrequency Ablation of Benign Thyroid Nodules. Kor J Radiol 2024;25(2):199-209

M Seo, W Jung, G Jeong, et al. Deep learning improves quality of intracranial vessel wall MRI for better characterization of potentially culprit plaques. Sci Rep 2024;14:18983

JH Shin, **M Seo,** MK Lee, et al. Radiofrequency Ablation of Benign Thyroid Nodules: 10-Year Follow-Up Results From a Single Center. Kor J Radiol 2025;26(2):193-203

Y Choi, JS Ko, JE Park, et al. Beyond the Conventional Structural MRI: Clinical Application of Deep Learning Image Reconstruction and Synthetic MRI of the Brain. Invest Radiol 2025;60(1):27-42

M Seo, K-J Ahn, H-S Lee, et al. Effects of Deep Learning-Based Reconstruction on the Quality of Accelerated Contrast-Enhanced Neck MRI. Kor J Radiol 2025;26(5):446-459

I Shin, **M Seo,** JY Lee, et al. Cumulative in-hospital radiation dose in patients with acute ruptured intracranial aneurysm: a comparative analysis evaluating the effect of radiation dose reducing efforts. J Neurointerv Surg 2025