


Curriculum Vitae

Personal Information	
Name	심용식 (Yongsik Sim)
Degree	MD
Country	대한민국
Affiliation	Samsung Medical Center
	
Educational Background	
2014.02 연세대학교 의학전문대학원 의무석사	
2010.02 카이스트 생명화학공학과 공학사	
Professional Career	
2025.03 ~ 현재	삼성서울병원 영상의학과 전임대우조교수
2024.03 ~ 2025.02	삼성서울병원 영상의학과 진료조교수
2023.03 ~ 2024.02	세브란스병원 영상의학과 임상조교수
2021.03 ~ 2023.02	세브란스병원 영상의학과 임상강사
2016.03 ~ 2021.02	세브란스병원 영상의학과 인턴, 전공의
Research Field	
신경두경부 영상의학	
Main Scientific Publications	
1. Sim Y, et al., A Comprehensive Multicenter Analysis of Clinical, Molecular, and Imaging Characteristics and Outcome of H3 K27-Altered Diffuse Midline Gliomas in Adults. <i>Journal of Neurosurgery</i> 2025. (E-pub)	
2. Sim Y, et al., Identification of prognostic imaging biomarkers in H3 K27-altered diffuse midline gliomas in adults: impact of tumor oxygenation imaging biomarkers on survival. <i>Neuroradiology</i> 2024;66(9):1581-1591.	
3. Sim Y, et al., Radiomics and PD-L1 expression predict immunotherapy benefits in patients with head and neck squamous cell carcinoma. <i>Future Oncology</i> 2024;20(36):2869-2878.	
4. Sim Y, et al., Clinical, qualitative imaging biomarkers, and tumor oxygenation imaging biomarkers for differentiation of midline-located IDH wild-type glioblastomas and H3 K27-altered diffuse midline gliomas in adults, <i>European Journal of Radiology</i> 2024; 111384.	
5. Sim Y, et al., Multiparametric MRI-based Radiomics Model for Predicting Human Papillomavirus Status in Oropharyngeal Squamous Cell Carcinoma: Optimization Using Oversampling and Machine Learning Techniques, <i>European Radiology</i> 2024;34(5):3102-3112.	
6. Sim Y, et al., MRI-Based Radiomics Approach for Differentiating Juvenile Myoclonic Epilepsy from Epilepsy with Generalized Tonic-Clonic Seizures Alone, <i>J Magn Reson Imaging</i> 2024;60(1):281-288.	
7. Sim Y, et al., A Radiomics Approach for the Classification of Fibroepithelial Lesions on Breast Ultrasonography, <i>Ultrasound in Medicine & Biology</i> 2020;46(5):1133-1141.	
8. Sim Y, et al., Deep Convolutional Neural Network-based Software Improves Radiologist Detection of Malignant Lung Nodules on Chest Radiographs, <i>Radiology</i> 2020;294:199-209.	