




KSUM 2026

THE 57TH ANNUAL CONGRESS OF
THE KOREAN SOCIETY OF ULTRASOUND IN MEDICINE

MAY 7 (THU) - 8 (FRI), 2026 | COEX, SEOUL, KOREA

KSUM 2026 Invited Speaker's CV

All fields marked with an asterisk (*) should be completed.

Name*	Hye Jeong Choi	
Country*	Republic of Korea	
Current Affiliation*	Associated Professor Department of Radiology CHA University School of Medicine Bundang CHA Medical Center	
Specialty*	Thyroid Imaging, Parathyroid Imaging, Brain, Head and Neck, AI, Health Insurance	
Educational Background* (100 words)	2010 CHA University, School of Medicine (M.D) 2021 CHA University, Graduate School (Ph.D)	
Professional Experience (200 words)	Fellowship 2015-2016 Bundang CHA Medical Center, Department of Radiology 2016-2017 Seoul National University Hospital, Department of Radiology Career 2017- 2018 Clinical assistant professor, Bundang CHA Medical Center, Department of Radiology 2018 -2025 Assistant professor, Bundang CHA Medical Center, Department of Radiology 2025 ~ present Associate professor, Bundang CHA Medical Center, Department of Radiology	
Main Scientific Publication * (200 words)	Choi HJ, Kim JH, Essentials for parathyroid imaging and intervention: what radiologists need to know Ultrasonography 2025;44(5): 324-345. doi: https://doi.org/10.14366/usg.25102 Kim JY, Choi HJ et al. Corpora Amylacea Mimicking Diffuse Glioma: A Rare Case of Extensive Periventricular Accumulation Can J Neurol Sci 2025 Jul 7:1-3. doi: 10.1017/cjn.2025.10115. Oh GE, Roo RE, Choi HJ, Choi SH et al. Deep learning-based image enhancement for improved black blood imaging in brain metastasis European Radiology 2025 https://doi.org/10.1007/s00330-025-11920-7 Lee SM, Jang SJ, Choi HJ et al. Association of loss of visceral adipose tissue after concurrent chemoradiotherapy with poor survival in patients with head and neck squamous cell carcinoma Nutrition 2025 Aug;136:112775. doi: 10.1016/j.nut.2025.112775. Epub 2025 Mar 24. Hong S, Jang SJ, Lee JW, Choi HJ et al. Prognostic significance of normalized distance from maximum standardized uptake value to tumor centroid on [18F]FDG PET/CT in head and neck squamous cell carcinoma Rev Esp Med Nucl Imagen Mol	

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(Engl Ed) . 2025 Jul-Aug;44(4):500103. doi: 10.1016/j.remnie.2025.500103. Epub 2025 Feb 5.

Kim JY, Choi HJ, Kim SH et al. Brain Microhemorrhages in Adult-onset Still's Disease: A Case Report. *Medicine (Baltimore)* 2025 Apr 18;104(16):e42127.

Kim SG, Choi HJ, Kim JY, , Kim SH et al. Trigeminal Neuralgia with Persistent Trigeminal Artery Variant and Schwannomatosis of the Abducens and Lower Cranial Nerves: A Case Report *J Korean Soc Radiol* 2025;86(1):185-190

Kim JY, Choi HJ, Kim SH et al. Improved differentiation of cavernous malformation and acute intraparenchymal hemorrhage on CT using an AI algorithm *Sci Rep.* 2024 May 23;14(1):11818.

Pak A, Choi HJ You SH et al. Bright diffusion sign: A sensitive and specific radiologic biomarker for multinodular and vacuolating neuronal tumor *Journal of Neuroradiology* 2024 Jun;51(4):101171. doi: 10.1016/j.neurad.2023.11.006. Epub 2024 Jan 2.

Yoon NY, Kim JY, Choi HJ et al. Parasellar Extraventricular Neurocytoma: Magnetic Resonance and Angiographic Findings *Canadian Journal of Neurological Sciences* 2023

Lim JJ, Lim MH, Choi HJ et al. NOX2-induced high glycolytic activity promotes heterogeneity by pro-fibrotic phenotype in high-grade glioma *Brain Tumor Research and Treatment* 10 2022

Lim JJ, Cho KG, Choi HJ et al. NOX2-Induced High Glycolytic Activity Contributes to the Gain of COL5A1-Mediated Mesenchymal Phenotype in GBM Cancers 14 (3), 516 2022

Sung YH, Kim EY, Choi HJ et al. A prospective multi-centre study of susceptibility map-weighted MRI for the diagnosis of neurodegenerative parkinsonism *European Radiology* 32 (5) 3597-3608 2022

Choi HJ, Choi SH et al. O6 -Methylguanine-DNA-Methyltransferase Promoter Methylation Status in Initial and Recurrent Glioblastoma: Correlation Study with DWI and DSC PWI Features *AJNR Am J Neuroradiol* 2021

Lee SJ, Choi HJ et al. Coexistence of the Absence of the Left Common Carotid Artery, a Common Origin of the Left External Carotid Artery and the Right Common Carotid Artery and an Aberrant Right Subclavian Artery *Journal of Korean Society of Radiology* 2021

Lim JJ, Cho KG, Choi HJ et al. Autologous adoptive immune-cell therapy elicited a durable response with enhanced immune reaction signatures in patients with recurrent glioblastoma: An open label, phase I/IIa trial *PLoS One* 16 3 e0247293 2021

Shim JH, Han IB, Choi HJ et al. Safety and efficacy of Wharton's jelly-derived mesenchymal stem cells with teriparatide for osteoporotic vertebral fractures: a phase I/IIa study *Stem Cells Translational Medicine* 10(4) 554-567 2021

Sung YJ, Lew H, Choi HJ Treatment of traumatic optic neuropathy using human placenta-derived mesenchymal stem cells in Asian patients *Regenerative Medicine* 15 (10) 2163-2179 2020

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Kang KM, Lee JH, Choi HJ et al. Association of carotid and intracranial stenosis with Alzheimer's disease biomarkers *Alzheimer's Research & Therapy* 12 1-11 2020

Yoo CR, Rhie SK, Choi HJ et al. A Case of Extensive Cerebral Sinovenous Thrombosis Resulting from Neonatal Diabetes Mellitus *Annals of Child Neurology* 28 (4) 156-159 2020

Ha JH, Rhie SK, Choi HJ et al. Rapidly Progressing Early Puberty in a Boy with Bilateral Basal Ganglia Germinoma and TREX1 Variant *Iranian Journal of Pediatrics* 30(6) 2020

Choi HJ, Sohn CH et al. Can Arterial Spin-Labeling with Multiple Postlabeling Delays Predict Cerebrovascular Reserve? *AJNR Am J Neuroradiol* 2018;39:84-90

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You SH, Yun TJ, Choi HJ et al. Differentiation between primary CNS lymphoma and glioblastoma: qualitative and quantitative analysis using arterial spin labeling MR imaging *European radiology* 28 3801-3810 2018

You SH, Choi SH, Choi HJ et al. Differentiation of high-grade from low-grade astrocytoma: improvement in diagnostic accuracy and reliability of pharmacokinetic parameters from DCE MR imaging by using arterial input functions obtained from DSC MR imaging *Radiology* 286(3) 981-991 2018

Yoo RE, Kim JH, Choi HJ et al. Prediction of nondiagnostic results in fine-needle aspiration of thyroid nodules: utility of on-site gross visual assessment of specimens for liquid-based cytology *Endocrine Practice* 24(10) 867-874 2018

You SH, Kim JH, Choi HJ et al. Prevention of total thyroidectomy in noninvasive follicular thyroid neoplasm with papillary-like nuclear features (NIFTP) based on combined interpretation of ultrasonographic and cytopathologic results *Clinical Endocrinology* 88(1) 114-122 2018

Moon SM, Lee SM, Choi HJ et al. Presternal subcutaneous bronchogenic cyst in adolescence: a case report and unusual ultrasonographic findings *Medicine* 96(5) e6054 2017

Yoo RE, Choi SH, Choi HJ et al. Dynamic contrast-enhanced MR imaging in predicting progression of enhancing lesions persisting after standard treatment in glioblastoma patients: a prospective study *European Radiology* 27 3156-3166 2017

Choi HJ, Jung HK et al. Shear Wave Elastography for Surgically Verified Breast Papillary Lesions: Is It Effective for Differentiation Between Benign and Malignant Lesions? *J Ultrasound Med* 2017;36:2007-2014

Lee DJ, Rho JY, Choi HJ et al. CT findings of small cell lung carcinoma: can recognizable features be found? *Medicine* 95(47) e5426 2016

Choi HJ, Jeon GS et al. Is uterine artery embolization for patients with large myomas safe and effective? A retrospective comparative study in 323 patients. *J Vasc Interv Radiol* 2013;24:772-778

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Kang HJ, Kwack KB, Choi HJ et al. Acyl-CoA synthetase long-chain family member 6 is associated with premature ovarian failure Fertility and sterility 91(4) 1339-1343 2009

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