

CURRICULUM VITAE

Chae Jung Park

Address: Department of Radiology, Research Institute of Radiological Science and Center for Clinical Imaging Data Science, Yongin Severance Hospital, Yonsei University College of Medicine, Seoul, South Korea

Position: Assistant Professor

Career

2025.03~	Department of Radiology, Yongin Severance Hospital, Yonsei University College of Medicine: Assistant Professor
2020.03~2025.02	Department of Radiology, Yongin Severance Hospital, Yonsei University College of Medicine: Clinical Assistant Professor
2018.03~2020.02	Department of Radiology, Yonsei University College of Medicine, Neuroradiology department: Fellow
2014.03~2018.02	Department of Radiology, Yonsei University College of Medicine: Resident
2013.03-2014.02	Yonsei University College of Medicine, Severance Hospital : Intern

Education

2007.03-2013.02	Yonsei University College of Medicine (MD)
2012.01-2012.02	Harvard medical school Clerkship program (Mass General Hospital, Neurology and Bone Marrow Transplantation/Leukemia Unit Department)
2015.03~2018.08	Department of Medicine, the Graduate School of Yonsei University, degree of Doctor of Philosophy (Ph.D).

Published Work in SCI(E) Journals

- Kang, Y., Kim, SY., Kim, J.H. **Park CJ**. Deep learning-based reconstruction for three-dimensional volumetric brain MRI: a qualitative and quantitative assessment. *BMC Med Imaging* **25**, 102 (2025).
- SH Jeong , **CJ Park**, J Cha et al. Choroid Plexus Volume, Amyloid Burden, and Cognition in the Alzheimer’s Disease Continuum. *Aging and disease*. 2025, 16(1): 552-564
- **Park CJ**, Kim S, Han K, Ahn SS, Kim D, Park YW, Chang JH, Kim SH, Lee SK. Diffusion- and Perfusion-Weighted MRI Radiomics for Survival Prediction in Patients with Lower-Grade Gliomas. *Yonsei Med J*. 2024 May;65(5):283-292. doi: 10.3349/ymj.2023.0323. PMID: 38653567; PMCID: PMC11045349.
- **Park, C.J.**, Choi, S.H., Kim, D. et al. MRI radiomics may predict early tumor recurrence in patients with sinonasal squamous cell carcinoma. *Eur Radiol* **34**, 3151–3159 (2024). <https://doi.org/10.1007/s00330-023-10389-6>
- **Park CJ**, Kim SY, Kim JH, Son NH, Park JY, Jeong YH, Kim HJ, Park J, Kim WJ. Evaluation of glymphatic system activity using diffusion tensor image analysis along the perivascular space and amyloid PET in older adults with objectively normal cognition: a preliminary study. *Front Aging Neurosci*. 2023 Jul 27;15:1221667. doi: 10.3389/fnagi.2023.1221667. PMID: 37577357; PMCID: PMC10413261.
- **Park CJ**, Eom J, Park KS, Park YW, Chung SJ, Kim YJ, Ahn SS, Kim J, Lee PH, Sohn YH, Lee SK. An interpretable multiparametric radiomics model of basal ganglia to predict dementia conversion in Parkinson's disease. *NPJ Parkinsons Dis*. 2023 Aug 30;9(1):127. doi: 10.1038/s41531-023-00566-1. PMID: 37648733; PMCID: PMC10468504.
- Jeong SH, Jeong HJ, Sunwoo MK, Ahn SS, Lee SK, Lee PH, Kim YJ, Sohn YH, **Park CJ**, Chung SJ. Association between choroid plexus volume and cognition in Parkinson disease. *Eur J Neurol*. 2023 Oct;30(10):3114-3123. doi: 10.1111/ene.15999. Epub 2023 Aug 6. PMID: 37498202..
- Jeong SH, **Park CJ**, Jeong HJ, Sunwoo MK, Ahn SS, Lee SK, Lee PH, Kim YJ, Sohn YH, Chung SJ. Association of choroid plexus volume with motor symptoms and dopaminergic degeneration in Parkinson's disease. *J Neurol Neurosurg Psychiatry*. 2023 Dec;94(12):1047-1055. doi: 10.1136/jnnp-2023-331170. Epub 2023 Jun 30. PMID: 37399288.

- **Park CJ**, Choi SH, Eom J, Byun HK, Ahn SS, Chang JH, Kim SH, Lee SK, Park YW, Yoon HI. An interpretable radiomics model to select patients for radiotherapy after surgery for WHO grade 2 meningiomas. *Radiat Oncol*. 2022 Aug 22;17(1):147. doi: 10.1186/s13014-022-02090-7. PMID: 35996160; PMCID: PMC9396861.
- **Park CJ**, Park YW, Ahn SS, Kim D, Kim EH, Kang SG, Chang JH, Kim SH, Lee SK. Quality of Radiomics Research on Brain Metastasis: A Roadmap to Promote Clinical Translation. *Korean J Radiol*. 2022 Jan;23(1):77-88. doi: 10.3348/kjr.2021.0421. PMID: 34983096; PMCID: PMC8743155.
- **Park CJ**, Park YW, Ahn SS, Kim D, Kim EH, Kang SG, Chang JH, Kim SH, Lee SK. Quality of Radiomics Research on Brain Metastasis: A Roadmap to Promote Clinical Translation. *Korean J Radiol*. 2022 Jan;23(1):77-88. doi: 10.3348/kjr.2021.0421. PMID: 34983096; PMCID: PMC8743155.
- **Park CJ**, Han KH, Kim H, Ahn SS, Choi D, Park YW, Chang JH, Kim SH, Cha S, Lee S. (2021) MRI Features May Predict Molecular Features of Glioblastoma in Isocitrate Dehydrogenase Wild-Type Lower-Grade Gliomas. *AJNR Am J Neuroradiol*. 2021 Mar;42(3):448-456.
- **Park CJ**, Han KH, Kim H, Ahn SS, Choi YS, Park YW, Chang JH, Kim SH, Rajan J, Lee S. (2020) Radiomics risk score may be a potential imaging biomarker for predicting survival in isocitrate dehydrogenase wild-type lower-grade gliomas. *Eur Radiol*. 2020 Dec;30(12):6464-6474.
- **Park CJ**, Cha J, Ahn SS, Choi HS, Kim YD, Nam HS, Heo JH, Lee S. (2020) Contrast-Enhanced High-Resolution Intracranial Vessel Wall MRI with Compressed Sensing: Comparison with Conventional T1 Volumetric Isotropic Turbo Spin Echo Acquisition Sequence. *Korean J Radiol*. 2020;21:e127.
- **Park CJ**, Han KH, Shin H, Ahn SS, Choi YS, Park YW, Chang JH, Kim SH, Rajan J, Lee S. (2020) MR image phenotypes may add prognostic value to clinical features in IDH wild-type lower-grade gliomas. *Eur Radiol*. 2020 Jun;30(6):3035-3045. doi: 10.1007/s00330-020-06683-2.
- **Park CJ**, Choi YS, Park YW, Ahn SS, Kang SG, Chang JH, Kim SH, Lee S. (2020) Diffusion tensor imaging radiomics in lower-grade glioma: improving subtyping of isocitrate dehydrogenase mutation status. *Neuroradiology*. 2020 Mar;62(3):319-326. doi: 10.1007/s00234-019-02312-y.
- **Park CJ**, Seo N, Hyung WJ, Koom WS, Kim HS, Kim M-J, et al. (2018) Prognostic significance of preoperative CT findings in patients with advanced gastric cancer who underwent curative gastrectomy. *PLoS ONE* 13(8): e0202207. <https://doi.org/10.1371/journal.pone.0202207>
- **Park CJ**, Kim KW, Lee HJ, Kim MJ, Kim J. Contrast-Enhanced CT with Knowledge-Based Iterative Model Reconstruction for the Evaluation of Parotid Gland Tumors: A Feasibility Study. *Korean J Radiol*. 2018 Sep-Oct;19(5):957-964. doi: 10.3348/kjr.2018.19.5.957.
- **Park CJ**, An C, Park S, Choi JY, Kim MJ. Management of subcentimetre arterially enhancing and hepatobiliary hypointense lesions on gadoteric acid-enhanced MRI in patients at risk for HCC. *Eur Radiol*. 2018 Apr;28(4):1476-1484.
- **Park CJ**, Kim EK, Moon HJ, Yoon JH, Park VY, Kwak JY. Thyroid Nodules With Nondiagnostic Cytologic Results: Follow-Up Management Using Ultrasound Patterns Based on the 2015 American Thyroid Association Guidelines. *AJR Am J Roentgenol*. 2018 Feb;210(2):412-417.
- **Park CJ**, Kim EK, Moon HJ, Yoon JH, Kim MJ. Reliability of Breast Ultrasound BI-RADS Final Assessment in Mammographically Negative Patients with Nipple Discharge and Radiologic Predictors of Malignancy. *J Breast Cancer* 2016 September; 19(3): 308-315.
- **Park CJ**, Kim EK, Woo HY, Moon HJ, Yoon JH, Kim MJ. Breast Cancer Arising Adjacent to an Involuting Fibroadenoma: Serial Changes in Radiologic Features. *J Breast Cancer* 2015 September; 18(3): 291-295.

Published Work in Non-SCI(E) Journals

- Park CJ, Im YJ, Shin HJ, Kim MJ, Lee MJ. Botryoid Wilms' Tumor in a Child Presenting with Gross Hematuria: A Case Report. *J Korean Soc Radiol* 2016;75(3):198-202.

Presentations

- 2024.05 2024 American Society of Neuroradiology (ASNR) Annual Meeting "Deep Learning-based Reconstruction for 3D Volumetric Brain MRI: Qualitative and Quantitative Assessment"
- 2023.12 2023 Radiological Society of North America (RSNA) Annual Meeting "Association of choroid plexus volume with motor symptoms and dopaminergic degeneration in Parkinson's disease"
- 2022.12 2022 Radiological Society of North America (RSNA) Annual Meeting "Evaluation of Glymphatic

	System Activity Using Diffusion Tensor Image Analysis Along the Perivascular Space (DTI-ALPS) in Cognitively Normal Older Adults: Correlation with Amyloid PET”
2022.09	2022 Korean Congress of Radiology “Evaluation of Glymphatic System Activity Using Diffusion Tensor Image Analysis Along the Perivascular Space (DTI-ALPS) in Cognitively Normal Older Adults: Correlation with Amyloid PET”
2022.09	2022 Korean Congress of Radiology “MRI radiomics may predict early tumor recurrence in patients with paranasal sinus squamous cell carcinoma”
2021.09	2021 Korean Congress of Radiology “Incorporating diffusion- and perfusion-weighted MRI into a radiomics model improves prediction of survival in patients with lower-grade gliomas”
2020.12	2020 Radiological Society of North America (RSNA) Annual Meeting “MRI features may predict molecular features of glioblastoma in isocitrate dehydrogenase wild-type diffuse gliomas”
2019.09	2019 Korean Congress of Radiology “Evaluation of cartilage invasion in patients with laryngo-hypopharyngeal cancer: Comparison of three-dimensional THRIVE and two-dimensional spin-echo MRI”
2018.12	2018 Radiological Society of North America (RSNA) Annual Meeting “The Added Prognostic Value of Radiological Phenotypes to Clinical Features in IDH-Wild Type Lower Grade Gliomas Using Machine Learning”
2018.09	2018 Korean Congress of Radiology “DTI Radiomics in Lower Grade Glioma: Improving Subtyping of IDH Mutation Status”
2016.12	2016 Radiological Society of North America (RSNA) Annual Meeting “Added value of smooth hypointense rim in the hepatobiliary phase of gadoxetic acid-enhanced MRI in identifying tumour capsule and diagnosing hepatocellular carcinoma”
2015.12	2015 Radiological Society of North America (RSNA) Annual Meeting “Prognostic stratification of patients with hepatocellular carcinoma undergoing curative resection: Comparison of preoperative MRI staging and postoperative American Joint Committee on Cancer Staging Systems”
2015.05	2015 Korean Society of Ultrasound in Medicine “Reliability of breast ultrasound BI-RADS in mammographically negative patients with nipple discharge and radiologic predictors of malignancy”