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• **Educational Background:**

03/2003 – 02/2009	**Bachelor of Medicine** Ewha Womans University, Seoul, Korea Graduated with Summa Cum Laude
03/2009 – 02/2011	**Internship & M.D. Radiology** Ewha Womans University Mokdong Hospital, Seoul, Korea Department of Radiology
03/2011 – 02/2014	**Ph.D Radiology** Ewha Womans University, Seoul, Korea Graduated with Cum Laude

• **Professional Experience:**

03/2014 – 02/2016	**Fellowship** Asan Medical Center, Seoul, Korea Neuroradiology, Department of Radiology
03/2016 – 02/2019	**Clinical Lecturer** Asan Medical Center, Seoul, Korea Neuroradiology, Department of Radiology
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• **Professional Organizations:** Korean Congress of Radiology, Korean Society of Magnetic Resonance Imaging in Medicine, Korean Society of Neuroradiology

• **Main Scientific Publications:**

1. Lee JB, **Park JE (co-first)**, Jung SC et al. Repeatability of Amide Proton Transfer-weighted Signals in the Brain According to Clinical Condition and Anatomical Location. Eur Radiol 2019 E-pub

2. **Park JE**, Park SY, Han KH, Kim HS. Generalizability and Reproducibility in Radiomics Modeling: Possible Strategies in Radiologic and Statistical Perspectives. ***Review*** Korean J Radiol 2019 In Press

3. Yun J, **Park JE (correspondence)**, Kim N, Kim HS et al. Radiomic features and multilayer perceptron network classifier: a robust MRI classification strategy for distinguishing glioblastoma from primary central nervous system lymphoma Sci Rep. 2019 Apr 5;9(1):5746.

4. Lee JY, Atle Bjornerd, **Park JE (correspondence)**, Kim HS et al. Permeability measurement using dynamic susceptibility contrast magnetic resonance imaging enhances differential diagnosis of primary central nervous system lymphoma from glioblastoma Eur Radiol 2019 E-pub

5. **Park JE**, Jung SC, Kim HS et al. Amide proton transfer-weighted MRI can detect tissue acidosis and monitor recovery in a transient middle cerebral artery occlusion model compared with a permanent occlusion model in rats Eur Radiol 2019 E-pub

6. Suh CH, **Park JE (correspondence)**, Kim HS et al. Permeability measurement using dynamic susceptibility contrast magnetic resonance Amide proton transfer-weighted MRI in distinguishing high- and low-grade gliomas: a systematic review and meta-analysis Neuroradiology 2019 E-pub

7. Kim JY, **Park JE (correspondence)**, Kim HS et al. Incorporating diffusion- and perfusion-weighted MRI into a radiomics model improves diagnostic performance for pseudoprogression in glioblastoma patients *Neuro-Oncology*, 2018 Aug 11. doi: 10.1093/neuonc/noy133. [Epub ahead of print]

8. Lee BE, **Park JE (correspondence)**, Kim HS et al. Clinical value of vascular permeability estimates using dynamic susceptibility contrast MRI: Improved diagnostic performance in distinguishing hypervascular primary CNS lymphoma from glioblastoma. AJNR Am J Neuroradiol. 2018 Aug;39(8):1415-1422

9. Kang DS, **Park JE (correspondence)**, Kim HS et al. Diffusion radiomics as a diagnostic model for atypical manifestation of primary central nervous system lymphoma: development and multicenter external validation. *Neuro-Oncology*, 2018 Aug 2;20(9):1251-1261

10. **Park JE**, Lee JY, Kim HS et al. Amide Proton Transfer Imaging seems to provide Higher Diagnostic Performance in Post-treatment High-grade Gliomas than Methionine Positron Emission Tomography. Eur Radiol 2018 Aug;28(8):3285-3295
11. **Park JE**, Kim HS. Radiomics as a quantitative imaging biomarker: practical considerations and the current standpoint in neuro-oncologic studies. *Review*, Nucl Med Mol Imaging 2018. April; 52(2)
12. **Park JE**, Han KH, Park SH et al. Selection and Reporting of Statistical Methods to Assess Reliability of a Diagnostic Test: Conformity to Recommended Methods in a Peer-Reviewed Journal. Korean J Radiol. 2017 Nov-Dec;18(6):888-897

13. **Park JE,** Kim HS, Jung SC et al. Depiction of Acute Stroke Using 3-Tesla Clinical Amide Proton Transfer Imaging: Saturation Time Optimization Using an in vivo Rat Stroke Model, and a Preliminary Study in Human. Investigative Magnetic Resonance Imaging. 2017;21:65-70

14. Lee JY, **Park JE (co-first)**, Kim HS et al. Up to 52 Administrations of Macrocyclic Ionic MR Contrast Agent are Not Associated with Intracranial Gadolinium Deposition: Multifactorial Analysis in 385 Patients. Plos One. 2017 Aug http://doi.org/10.1371/journal.pone.0183916 2017 Aug 31;12(8):e0183916

15. **Park JE,** Jung SC et al. Differences in dynamic and static functional connectivity between young and elderly healthy adults. Neuroradiology. 2017 Aug;59(8):781-789. doi: 10.1007/s00234-017-1875-2

16. **Park JE**, Kim HS et al. Perfusion of surgical cavity wall enhancement in early post-treatment MR imaging may stratify the time-to-progression in glioblastoma. Plos One. 2017 July https://doi.org/10.1371/journal.pone.0181933 2017 Jul 21;12(7):e0181933

17. Heo YJ, **Park JE (co-first)**, Kim HS et al. Prognostic relevance of gemistocytic grade II astrocytoma: gemistocytic component and MR imaging features compared to non-gemistocytic grade II astrocytoma. Eur Radiol 2017 Jul;27(7):3022-3032

18. **Park JE**, Jeong HK et al. Amide Proton Transfer (APT) Imaging in Clinics: Basic Concepts and its Current and Future Use for Brain Tumors and Stroke. *Review*, Journal of Korean Society of Radiology, 2016 Dec;75(6):419-433

19. **Park JE**, Kim HS et al. Comparison of Amide Proton Transfer Imaging and MR Spectroscopy as an Imaging Biomarker for Tumor Proliferative Index: Subgroup Analysis in Pre- and Post-treatment Gliomas. Radiology 2016, Vol. 278(2):514-23.

20. **Park JE**, Kim HS et al. Alteration of Long Distance Functional Connectivity and Network Topology in Patients with Supratentorial Gliomas. Neuroradiology 2016 Mar;58(3):311-20.

21. **Park JE,** Kim HS et al. Histogram Analysis of Amide Proton Transfer Imaging to Identify Contrast-enhancing Low-Grade Brain Tumor That Mimics High-Grade Tumor: Increased Accuracy of MR Perfusion Radiology. Oct 2015, Vol. 277: 151–161

22. Park JE, Kim HS et al. Pseudoprogression in Patients with Glioblastoma: Assessment Using Volume-Weighted Voxel-based Multiparametric Clustering in an Independent Validating Set. Radiology. 2015 Jun;275(3):792-802