Curriculum Vitae

1. Personal Information

Family Name	Park	Given Name	Ji Eun
Country	South Korea		
Title and Degree	M.D.,Ph.D.		
Affiliation	Asan Medical Center, Seoul, Korea		
Department	Radiology	Position	Clinical Lecturer

2. Main Experience

Major Field	*Neuroradiology, Brain Tumor Imaging, Amide Proton Transfer Imaging*
Education	**Ph.D Radiology (**03/2011 – 02/2014) Ewha Womans University, Seoul, Korea Graduated with Cum Laude
Work Experience	**Fellowship (**03/2014 – 02/2016) Asan Medical Center, Seoul, Korea Neuroradiology, Department of Radiology **Clinical Lecturer (**03/2016 – Current) Asan Medical Center, Seoul, Korea Neuroradiology, Department of Radiology
Research Interests or Major Publications	1. **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 2. **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 3. **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. 4. **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.

5. **Park JE**, Choi YJ et al. Assessment of Measurement Repeatability and Reliability obtained with Virtual Touch Tissue Quantification Imaging in Cervical Lymphadenopathy. Ultrasound in Medicine 2016, May;35(5):927-32.

6. **Park JE**, Kim YK et al. The usefulness of low-dose CT scan in elderly patients with suspected acute lower respiratory infection in the emergency room. Br J Radiology. 2016;89(1060):20150654

7. **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

8. **Park JE**, Koo HW, Suh DC et al. Clinical characteristics and treatment outcomes of spinal arteriovenous malformations. Clinical Neuroradiology. 2018 Mar;28(1):39-46.

9. 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

10. **Park JE,** Lee JH et al. Improved Diagnostic Accuracy Using Arterial-Phase CT for Lateral Cervical Lymph Node Metastasis from Papillary Thyroid Cancer. AJNR Am J Neuroradiol. 2017 Apr;38(4):782-788

11. **Park JE**, Jung SC et al. Comparison of 3D magnetic resonance imaging and digital subtraction angiography for intracranial artery stenosis. Eur Radiology, 2017 Nov;27(11):4737-4746

12. **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. Epub 2017 Jul 8.

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. **Park JE**, Kim SJ, Shim WH et al. Improved Diagnostic Accuracy of

Alzheimer's Disease by Combining Regional Cortical Thickness and Default Mode Network Functional Connectivity: Validated in the Alzheimer's Disease Neuroimaging Initiative Set. Korean J Radiol. 2017 Nov-Dec;18(6):983-991

15. **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

16. **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

17. 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

18. Lee JY, **Park JE (correspondence)** et al. Joint approach based on clinical and imaging features to distinguish non-neoplastic from neoplastic pituitary stalk lesions. Plos One. 2017 Nov https://doi.org/10.1371/journal.pone.0187989 2017 Nov 15;12(11):e0187989.

19. **Park JE**, Kim HS. Radiomics as a quantitative imaging biomarker: practical considerations and the current standpoint in neuro-oncologic studies. Nucl Med Mol Imaging (2018). April 2018

20. **Park JE**, Lee JY, Kim HS et al. Amide Proton Transfer Imaging seems to provide Hihger Diagnostic Performance in Post-treatment High-grade Gliomas than Methionine Positron Emission Tomography. Eur Radiol 2018 Feb 27. 2018 Aug;28(8):3285-3295

21. 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

22. 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

23. 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]