

Curriculum Vitae

Seung-Koo Lee, M.D., Ph.D.

Position: Professor of Radiology
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Education

Yonsei University College of Medicine, Seoul, Korea, M.D., 1992
Yonsei University Graduate School, Seoul, Korea, M.S., 1998
Yonsei University Graduate School, Seoul, Korea, Ph.D. (Neuroscience), 2003

Professional Experience

1992-1993	Internship, Severance Hospital, Yonsei University, Seoul, Korea
1996-2000	Residency, Radiology, Severance Hospital, Yonsei University, Seoul, Korea
2000-2002	Clinical Fellow, Neuroradiology, Severance H, Yonsei U, Seoul, Korea
2002-2007	Assistant Professor of Radiology, Yonsei University College of Medicine
2005-2006	Visiting Researcher, Neuroradiology division, Dept of Radiology, University of Pennsylvania, PA, USA
2007-2011	Associate Professor of Radiology, Yonsei University College of Medicine
2007-2012	Director of Premedical Course, Yonsei University College of Medicine
2012-Present	Professor of Radiology, Yonsei University College of Medicine
2013-Present	Program Director, Lee Jongwook fellowship program – Tanzania project, KOFIH, Ministry of Health and Welfare, Korea
2013-Present	Director of Integrated Neurocognitive Functional Imaging Center, Yonsei University
2014-Present	Expert Commissioner, Judicial Administration, Supreme Court of Korea
2016-Present	Advisory Committee Member for Anti-corruption and Civil Rights Commission, the Government of Korea
2016-Present	Director of Education and Training, Severance Hospital, Yonsei University Health System
2018-Present	Chair of Scientific Committee, Korean Society of Radiology

Selected Publication (Only corresponding or 1st author in recent 5 years)

Jung JS, Choi YS, Ahn SS, Yi S, Kim SH, Lee SK. Differentiation between spinal cord diffuse midline glioma with histone H3 K27M mutation and wild type: comparative magnetic resonance imaging. *Neuroradiology* 2019;61:313-322

Shin NY, Bak Y, Nah Y, Han S, Kim DJ, Kim SJ, Lee JE, Lee SG, **Lee SK**. Disturbed retrieval network and prospective memory decline in postpartum women. *Sci Rep.* 2018;8:5476

Nah Y, Shin NY, Yi S, **Lee SK**, Han S. Altered task-dependent functional connectivity patterns during subjective recollection experiences of episodic retrieval in postpartum women. *Neurobiol Learn Mem.* 2018;150:116-135

Choi YS, Ahn SS, Lee HJ, Chang JH, Kang SG, Kim EH, Kim SH, **Lee SK**. The Initial Area Under the Curve Derived from Dynamic Contrast-Enhanced MRI Improves Prognosis Prediction in Glioblastoma with Unmethylated MGMT Promoter. *AJNR Am J Neuroradiol.* 2017;38:1528-1535

Bae SH, **Lee SK** et al. Gadolinium deposition in the brain: association with various GBCAs using a generalized additive model. *Eur Radiology* 2017;27:3353-3361

Kim HG, **Lee SK**. Characteristics of infarction after encephaloduroarteriosynangiosis in young patients with moyamoya disease. *J Neurosurg Pediatr* 2017;19:1-7

Choi YS, Lee HJ, Ahn SS, Chang JH, Kang SG, Kim EH, Kim SH, **Lee SK**. Primary central nervous system lymphoma and atypical glioblastoma: differentiation using the initial area under the curve derived from dynamic contrast-enhanced MR and the apparent diffusion coefficient. *Eur Radiol* 2017;27:1344-1351

Choi YS, Ahn SS, Kim DW, **Lee SK**. Incremental Prognostic Value of ADC Histogram Analysis over MGMT Promoter Methylation Status in Patients with Glioblastoma. *Radiology* 2016;281:175-84

Shin NY, Shin YS, Lee PH, Yoon U, Han S, Kim DJ, **Lee SK**. Different Functional and Microstructural Changes Depending on Duration of Mild Cognitive Impairment in Parkinson Disease. *AJNR Am J Neuroradiol* 2016;37:897-903

Ahn SJ, Lee KY, Ahn SS, Suh H, Kim BS, **Lee SK**. Can FLAIR hyperintense vessel (FHV) signs be influenced by varying MR parameters and flow velocities? A flow phantom analysis. *Acta Radiol.* 2016;57:580

Choi YS, Kim DW, **Lee SK**, Chang JH, Kang SG, Kim EH, Kim SH, Rim TH, Ahn SS. The Added Prognostic Value of Preoperative Dynamic Contrast-Enhanced MRI Histogram Analysis in Patients with Glioblastoma: Analysis of Overall and Progression-Free Survival. *AJNR Am J Neuroradiol.* 2015;36:2235-41.

Choi HS, Ahn SS, Shin NY, Kim J, Kim JH, Lee JE, Lee HY, Heo JH, **Lee SK**. Permeability Parameters Measured with Dynamic Contrast-Enhanced MRI: Correlation with the Extravasation of Evans Blue in a Rat Model of Transient Cerebral Ischemia. Korean J Radiol. 2015;16:791-7

Choi YS, Rim TH, Ahn SS, **Lee SK**. Discrimination of Tumorous Intracerebral Hemorrhage from Benign Causes Using CT Densitometry. Am J Neuroradiol 2015;36:886-92

Ahn SS, Kim SH, Lee JE, Ahn KJ, Kim DJ, Choi HS, Kim J, Shin NY, **Lee SK**. Effects of agmatine on blood-brain barrier stabilization assessed by permeability MRI in a rat model of transient cerebral ischemia. Am J Neuroradiol 2015;36:283-8