

CURRICULUM VITAE

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Professor

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EDUCATION

Sep 2005 - Feb 2008 Graduate School - Ph.D. Seoul National University, Seoul, Korea

Mar 2003 - Feb 2005 Graduate School - M.S. Seoul National University, Seoul, Korea

Mar 1990 - Feb 1995 College of Medicine - M.D. Seoul National University, Seoul, Korea

Mar 1988 - Feb 1990 College of Liberal Arts and Science Seoul National University, Seoul, Korea

TRAINING

Mar 2004 - Feb 2005 Radiology Fellowship Seoul National University Hospital, Seoul, Korea

Mar 2000 - Feb 2004 Radiology Residency Seoul National University Hospital, Seoul, Korea

May 1999 - Feb 2000 Rotating Internship Seoul National University Hospital, Seoul, Korea

ACADEMIC & PROFESSIONAL APPOINTMENTS

- Professor of Radiology
Seoul National University, College of Medicine
Seoul National University Hospital (March 2017-)
- Associate Professor of Radiology
Seoul National University Hospital (April 2012- February 2017)
- Visiting Scholar of Radiology
University California San Francisco, USA (February 2014- February 2015)
- Assistant Professor of Radiology
Seoul National University Hospital (March 2008- March 2012)
- Assistant Professor of Radiology
Boramae City Hospital affiliated to Seoul National University Hospital
(March 2005-February 2008)

MEMBERSHIP

- Korean Thyroid Association (2008- present)

- Korean Society of Medical Ultrasound (2004-present)
- Korean Radiological Society (2004-present)
- Korean Society of Thyroid Radiology (2005-present)
- Radiologic Society of North America (2013-present)
- American Society of Neuroradiology (2013-present)

ADMINISTRATIVE RESPONSIBILITIES & ACADEMIC COMMITTEES: Recent period

- President in Korean Society of Thyroid Radiology (2026-present)
- Public Relations Director in Korean Thyroid Association (2025-present)
- President in Korean Society of Neuroradiology, Head & Neck Radiology (2023 - 2024)
- Compulsory director in Korean Society of Ultrasound in Medicine (2022 – 2024)
- Scientific Chair in Asian Oceanian Congress of NeuroRadiology 2021

BOOKS, CHAPTERS

International

- Head and neck imaging In Onofrio Antonio Catalano : Clinical PET/MRI. Academic Press (Elsevier). 2022. Page 69-88.
- Ultrasonography in Diagnosis and Management of Thyroid Cancer: Current International Recommendations. In: Mallick U., Harmer C. (eds) Practical Management of Thyroid Cancer. Springer, Cham. 2018. Page 39-59
- Thyroid Radiofrequency Ablation: A Comprehensive Guide Auh Whan Park, Giovanni Mauri, Ji-hoon Kim. Springer 2024

National

- Gynecologic Ultrasonography, Gunjachulpansa, 2017. Chapter 16-2. Thyroid Ultrasonography
- Kim HJ, Lee JH. Head and neck radiology, Bummoon-education, 2015. Chapter 08 Oral cavity and Pharynx
- Academy of Korean Skull Base Surgery, Skullbase Surgery, Gunjachulpansa. 2012. Chapter 01-03. Radiologic examinations for skullbase surgery
- Chang KH, Han MH, Kim IO, Neuroradiology, 3rd edition, Ilchogak, 2011. Chapter 14. neurodegenerative disease & Chapter 20 spinal tumor
- Han MC, Radiology, 3rd edition, Ilchogak, 2010, Chapter 5. Disease of Brain, 318-342
- Korean Thyroid Radiology, Thyroid Imaging and Intervention, Ilchogak, 2013, 5. Imaging diagnosis of thyroid nodule disease Chapter 4 Thyroid incidentaloma detected on PET/CT/MRI, 258-262
- Surgery of the Thyroid and Parathyroid Glands. Seoul National University Publisher 2011. 1. Thyroid nodule and diagnosis chapter 5. Imaging of thyroid

RESEARCH

Major Interests

1. Imaging evaluation of Neurodegenerative disease
2. Thyroid, Head & Neck Cancer imaging, radiomics, and artificial intelligence
3. Image guided interventional management of thyroid, head & neck diseases
4. Radiology artificial intelligence: Clinical implementation in neuro, head & neck diseases

Publications on SCI/SCIE Journals

- 262 SCI/SCIE articles & 64 papers as first/corresponding author
 - i10-index (Google Scholar): 200
 - H-index (Google Scholar): 60
- <https://scholar.google.com/citations?user=XGpYtCoAAAAJ&hl=ko>

SCI/SCIE Papers: within recent 3 years as first or corresponding author

1. Ha, E.J., Kim, J.-h., Lee, J.Y., Ham, T., Lee, J.H., Chung, S.R., Park, S.S., Kim, J.H. & Baek, J.H. Radiofrequency ablation for patients with primary hyperparathyroidism: a multicenter non-randomized open-label single-arm prospective clinical trial. **European Radiology**. 2026 36:396–405
2. Moon Jae Hoon, Lee Eun Kyung, Cha Wonjae, Chai Young Jun, Cho Sun Wook, Choi June Young, Choi Sung Yong, Chu A Jung, Chung Eun-Jae, Hwangbo Yul, Kim Ji-hoon. Study Protocol of Expanded Multicenter Prospective Cohort Study of Active Surveillance on Papillary Thyroid Microcarcinoma (MAeSTro-EXP). **Endocrinology and Metabolism**. 2025 40(2): 236-246
3. Jeong, S.Y., Lee, K.H., Lee, J.Y., Ham, T., Lim, H., Ryu, M., Jeon, Y.H., Hwang, I., Yun, T.J. & Kim, J.H. Efficacy and safety of radiofrequency ablation for hyperparathyroidism: a meta-analysis and systematic review. **European Radiology**. 2025 10: 65833-6597
4. Choi, H.J. & Kim, J.H. Essentials for parathyroid imaging and intervention: what radiologists need to know **Ultrasonography** 2025 5: 324-345
5. Lee, Ji Ye; Sim, Jung Suk; Sung, Jin Yong; Cho, Sun Wook; Park, Do Joon; Park, Young Joo; Kim, Ji-hoon. A Prospective Clinical Trial of Radiofrequency Ablation in Patients with Low-Risk Unifocal Papillary Thyroid Microcarcinoma favoring Active Surveillance over Surgery. **Thyroid** 2024 9:1126-1136
6. Jung Hyo Rhim, Ji Ye Lee, Sun-Won Park, Younghen Lee, So Lyung Jung, Tae Jin Yun, Eun Ju Ha, Jung Hwan Baek, Jinna Kim, Dong Gyu Na, Ji-hoon Kim. Malignancy risk of indeterminate lymph node at the central compartment in patients with thyroid cancer and concomitant sonographic thyroiditis. **Head & Neck** 2024 8: 1922-1931
7. Jeong Eunho, Jang Joon, Kim Ji-hoon, Kim Hyeonjin. Recurrent neural network-aided processing of incomplete free induction decays in 1H-MRS of the brain. **Journal of Magnetic Resonance**. 2024 368: 107762
8. Eun Ju Ha, Jeong Hoon Lee, Da Hyun Lee, Jayoung Moon, Haein Lee, You Na Kim, Minji Kim, Dong Gyu Na, and Ji-hoon Kim. Artificial Intelligence Model Assisting Thyroid Nodule Diagnosis and Management: A Multicenter Diagnostic Study. **J Clin Endocrinol Metab**. 2024 109(2): 527-535
9. Seo H, Jin KN, Park JS, Kang KM, Lee EK, Lee JY, Yoo RE, Park YJ, Kim JH. Risk of thyroid cancer in a lung cancer screening population of the National Lung Screening Trial according to the presence of incidental thyroid nodules detected on low-dose chest CT. **Ultrasonography**. 2023 42(2):275-285
10. Lee, Ji Ye; Kim, Ji-hoon; Kim, Yeo Koon; Lee, Chang Yoon; Lee, Eun Kyung; Moon, Jae Hoon; Choi, Hoon Sung; Hwangbo, Yul; Cho, Sun Wook; Kim, Su-jin; Lee, Kyu Eun; Park, Do Joon; Park, Young Joo. Ultrasound Predictors of Papillary Thyroid Microcarcinoma Progression on Active Surveillance. **Radiology**. 2023 309(1):e230006.
11. Minchul Kim, Kyu Sung Choi, Ryoo Chang Hyun, Inpyeong Hwang, Young Nam Kwon, Jung-Joon Sung, Sung Min Kim, Ji-hoon Kim. Structural disconnection is associated with disability in the neuromyelitis optica spectrum disorder. **Brain Imaging Behav**. 2023 6:664-673.
12. Eun Ju Ha, Jeong Hoon Lee, Da Hyun Lee, Dong Gyu Na, Ji-hoon Kim. Development of a machine learning-based fine-grained risk stratification system for thyroid nodules using predefined clinicoradiological features. **Eur Radiol**. 2023 33(5): 3211-3221