

Curriculum Vitae

Name: **So Yeong Jeong**

Place of birth: Daegu, Republic of Korea

Date of birth: October 5, 1987

Nationality: Republic of Korea



Present Address:

Department of Radiology, Seoul National University Bundang Hospital, Seoul National University College of Medicine, Seongnam, Republic of Korea

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Education

- 2019.03. – 2022.02. PhD's degree, University of Ulsan College, School of Medicine, Korea
- 2017.03. – 2019.02. Master's degree, University of Ulsan College, School of Medicine, Korea
- 2008.03. – 2014.02. Bachelor's degree, Keimyung University, School of Medicine, Korea

Work Experience

- 2024.03 – Present Assistant professor, Neuroradiology section, Department of Radiology, Seoul National University Bundang Hospital, Seoul National University College of Medicine,
- 2023.03 – 2024.02 Clinical professor (진료교수), Neuroradiology section, Department of Radiology, Seoul National University Bundang Hospital, Seoul National University College of Medicine,
- 2022.03 – 2023.02 Clinical assistant professor, Neuroradiology section, Department of

	Radiology, Hanyang University Medical Center, Hanyang University Medical College
2020.03. – 2022.02	Clinical fellow, Neuroradiology section, Department of Radiology and Research Institute of Radiology, Asan Medical Center
2019.08. – 2019.09.	New York-Presbyterian Weill Cornell Medical Center (4 weeks, Short-term training program) – Neuro and Abdominal Radiology Section
2016.03. – 2020.02.	Residency of Radiology, Asan Medical Center
2015.05. – 2015.12.	Visiting physician, University of Virginia Health System – Interventional Radiology Section
2014.03. – 2015.02.	Internship, Asan Medical Center

Certification

2020.03	The Korean Board of Radiology
2015.10.	Pass, United States Medical Licensing Examination (USMLE) Step 2, Clinical Science (CS)
2014.03	The Korean Board of Medical Association

Honors and Awards

1. Best Poster Award (Grand Prix) KSUM (Korean Society of Ultrasound in Medicine) Open 2017. “US-Guided Ablations of Primary and Recurrent Thyroid Cancers”
2. 표창장 (우수 논문 발표). Asan Medical Center, 2018.01.02
3. 표창장 (우수 직원 상). Asan Medical Center, Department of Radiology, 2019.12.12
4. Best Oral Presentation Award (Young Investigator Award, Gold)
KSUM (Korean Society of Ultrasound in Medicine) Open 2021. “Thyroid-Dedicated Internally Cooled Wet Electrode for Benign Thyroid Nodules: Prospective Study”
5. 대한인터벤션영상의학회 전공의 학술상, 2020.07.25
6. 표창장 (우수 논문 발표). Asan Medical Center, 2021

7. 뇌기능 연구회 논문상, 우수, 2021.11.18
8. 우수상 (울산대학교 대학원 성적 우수 졸업), 울산대학교 의과대학, 학장, 2022.02.18
9. 우수연제상, 2022 년 대한갑상선학회 춘계 학술대회, 2022.03.05.
10. Best Poster Award (Bronze) KSUM (Korean Society of Ultrasound in Medicine) Open 2022.
“Normal and Abnormal Sonographic Findings at the Thyroidectomy Sites in Postoperative Patients”
11. Outstanding Oral Presentation, 2022 ACTA, The 8th Asian Conference on Tumor Ablation.
“Radiofrequency ablation of benign thyroid nodules: Value of the anterolateral hydrodissection technique”
12. 뇌기능 연구회 논문상, 우수, 2022.11.02
13. 학술상, 우수연구상 부분, Assessment of thyroid-specific quality of life in patients with benign symptomatic thyroid nodules treated with radiofrequency or ethanol ablation: a prospective multicenter study. 대한초음파학회, 2023.05.11
14. 뇌기능 연구회 논문상, 우수, 2024.10.08
15. 2024 KSITA 학술상, 우수상, 대한 ITA 영상의학회, 2024.12.17
16. 젊은 연구자상, 대한갑상선영상의학회, 2025.04.18
17. Best Poster Award (Gold), KSUM (Korean Society of Ultrasound in Medicine), Open 2025,
“Longterm Clinical Outcomes of Thermal Ablation for Benign Thyroid Nodules and Unresolved Issues: A Comprehensive Systematic Review”
18. 국제저술상, 대한초음파의학회, 2025.05.08

Scientific Paper Publications: first author and corresponding

1. **Jeong, S. Y.**, Jung, S. C., Roh, Y. H., Kwon, S. U., Kang, D. W., Kim, J. S., ... & Jeong, E. (2025). Serial changes and optimal imaging windows in vessel wall MRI for unruptured intracranial artery dissection. *Scientific Reports*, 15(1), 21864.
2. **Jeong, S. Y.**, Cho, S. J., & Baek, J. H. (2025). Complications in chemical and thermal ablation of parathyroid lesions: a systematic review and meta-analysis. *European Radiology*, 1-14.
3. **Jeong, S. Y.**, Lee, K. H., Lee, J. Y., Ham, T., Lim, H., Ryu, M., ... & Kim, J. H. (2025). Efficacy and safety of radiofrequency ablation for hyperparathyroidism: a meta-analysis and systematic review. *European Radiology*, 1-15.
4. **Jeong, S. Y.**, Suh, C. H., Lim, J. S., Choi, Y., Kim, H. S., Kim, S. J., & Lee, J. H. (2025). Anti-Amyloid Imaging Abnormality in the Era of Anti-Amyloid Beta Monoclonal Antibodies: Recent Updates for the Radiologist. *Journal of the Korean Society of Radiology*, 86(1), 17.

5. **Jeong, S. Y.**, Suh, C. H., Lim, J. S., Shim, W. H., Heo, H., Choi, Y., ... & Lee, J. H. (2025). Incidence of Amyloid-Related Imaging Abnormalities in Phase III Clinical Trials of Anti-Amyloid- β Immunotherapy: An Updated Meta-Analysis. *Neurology*, *104*(8), e213483.
6. Jeong, S. Y., Baek, S. M., Shin, S., Son, J. M., Kim, H., & Baek, J. H. (2025). Radiofrequency ablation of low-risk papillary thyroid microcarcinoma: a retrospective cohort study including patients with more than 10 years of follow-up. *Thyroid*, *35*(2), 143-152.
7. **Jeong, S. Y.**, & Baek, J. H. (2025). Long-term clinical outcomes of thermal ablation for benign thyroid nodules and unresolved issues: a comprehensive systematic review. *La radiologia medica*, *130*(1), 111-120.
8. **Jeong, S. Y.**, & Baek, J. H. (2024, November). Radiofrequency Ablation of T1N0M0 Papillary Thyroid Cancer: First Experience in the United States. In *Mayo Clinic Proceedings* (Vol. 99, No. 11, pp. 1682-1683). Elsevier.
9. (co-first) Han, M. W., **Jeong, S. Y.**, Suh, C. H., Park, H., Guenette, J. P., Huang, R. Y., ... & Yoon, D. H. (2024). Incidence of immune effector cell-associated neurotoxicity among patients treated with CAR T-cell therapy for hematologic malignancies: systematic review and meta-analysis. *Frontiers in Neurology*, *15*, 1392831.
10. **Jeong, S. Y.**, Suh, C. H., Kim, S. J., Lemere, C. A., Lim, J. S., & Lee, J. H. (2024). Amyloid-Related Imaging Abnormalities in the Era of Anti-Amyloid Beta Monoclonal Antibodies for Alzheimer's Disease: Recent Updates on Clinical and Imaging Features and MRI Monitoring. *Korean Journal of Radiology*, *25*(8), 726.
11. **Jeong, S. Y.**, Chung, S. R., Baek, J. H., Choi, Y. J., Kim, S., Sung, T. Y., ... & Lee, J. H. (2023). Impact of Additional Preoperative Computed Tomography Imaging on Staging, Surgery, and Postsurgical Survival in Patients With Papillary Thyroid Carcinoma. *Korean Journal of Radiology*, *24*(12), 1284.
12. **Jeong, S. Y.**, Baek, J. H., Chung, S. R., Choi, Y. J., Chung, K. W., Kim, T. Y., & Lee, J. H. (2023). Radiofrequency ablation of benign thyroid nodules: the value of anterolateral hydrodissection. *Ultrasonography*, *42*(3), 432.
13. **Jeong, S. Y.**, Suh, C. H., Heo, H., Shim, W. H., & Kim, S. J. (2022). Current Updates and Unmet Needs of Brain MRI-Based Artificial Intelligence Software for Patients With Neurodegenerative Diseases in the Republic of Korea. *Investigative Magnetic Resonance Imaging*, *26*(4), 237-245.
14. **Jeong, S. Y.**, Baek, J. H., Chung, S. R., Choi, Y. J., Song, D. E., Chung, K. W., ... & Lee, J. H. (2022). Diagnostic performance of core needle biopsy for characterizing thyroidectomy bed lesions. *Korean Journal of Radiology*, *23*(10), 1019.
15. **Jeong, S. Y.**, Suh, C.H., Shim, W.H., Lim J, LeeJ, and Kim, S.J. (2022). Incidence of amyloid-related imaging abnormalities in Alzheimer disease patients treated with anti-amyloid-beta immunotherapy: A meta-analysis; *Neurology Aug 2022*, *10.1212/WNL.000000000201019*
16. **Jeong, S. Y.**, Suh, C. H., Park, H. Y., Heo, H., Shim, W.H., Kim, S.J. (2022) Brain MRI-Based Artificial Intelligence Software in Patients with Neurodegenerative Diseases: Current Status. *J Korean Soc Radiol.* *83*(3):473-485. <https://doi.org/10.3348/jksr.2022.0048>
17. **Jeong, S. Y.**, Baek, J. H., Chung, S. R., Choi, Y. J., Chung, K. W., Kim, T. Y., & Lee, J. H. (2022). Thyroid-dedicated internally-cooled wet electrode for benign thyroid nodules: experimental and clinical study. *International Journal of Hyperthermia*, *39*(1), 573-578.

18. **Jeong, S. Y.**, Chung, S. R., Baek, J. H., Choi, Y. J., Sung, T. Y., Song, D. E., ... & Lee, J. H. (2022). Sonographic assessment of minor extrathyroidal extension of papillary thyroid microcarcinoma involving the posterior thyroid capsule. *European Radiology*, 1-7.
19. **Jeong, S. Y.**, Park, J. E., Kim, N., & Kim, H. S. (2022). Hypovascular Cellular Tumor in Primary Central Nervous System Lymphoma is Associated with Treatment Resistance: Tumor Habitat Analysis Using Physiologic MRI. *American Journal of Neuroradiology*, 43(1), 40-47.
20. **Jeong, S. Y.**, Ha, E. J., Baek, J. H., Kim, T. Y., Lee, Y. M., Lee, J. H., & Lee, J. (2022). Assessment of thyroid-specific quality of life in patients with benign symptomatic thyroid nodules treated with radiofrequency or ethanol ablation: a prospective multicenter study. *Ultrasonography*, 41(1), 204.
21. **Jeong, S. Y.**, Kim, K. W., Lee, J., Jang, J. K., Kwon, H. J., Song, G. W., & Lee, S. G. (2021). Hepatic volume profiles in potential living liver donors with anomalous right-sided ligamentum teres. *Abdominal Radiology*, 46(4), 1562-1571.
22. **Jeong, S. Y.**, & Baek, J. H. (2021). Technical issues in ultrasound-guided ethanol ablation for thyroid lesions. *Ultrasonography*, 40(4), 621.
23. **Jeong, S. Y.**, & Baek, J. H. (2020). The 2019 core-needle biopsy practice guidelines. *Ultrasonography*, 39(3), 311.
24. (co-first) Lee, S. M., **Jeong, S. Y.**, Shin, J. H., Choi, H. C., Na, J. B., Won, J. H., ... & Chen, C. S. (2020). Transcatheter arterial embolization for gastrointestinal bleeding related to pancreatic adenocarcinoma: clinical efficacy and predictors of clinical outcome. *European journal of radiology*, 123, 108787. (co-first author)
25. (co-first) Kim, M., **Jung, S. Y.**, Park, J. E., Jo, Y., Park, S. Y., Nam, S. J., ... & Kim, H. S. (2020). Diffusion-and perfusion-weighted MRI radiomics model may predict isocitrate dehydrogenase (IDH) mutation and tumor aggressiveness in diffuse lower grade glioma. *European radiology*, 30(4), 2142-2151. (co-first author)
26. **Jeong, S. Y.**, Lee, J., Kim, K. W., Jang, J. K., Kwon, H. J., Song, G. W., & Lee, S. G. (2020). Estimation of the Right Posterior Section Volume in Live Liver Donors: Semiautomated CT Volumetry Using Portal Vein Segmentation. *Academic radiology*, 27(2), 210-218.
27. **Jeong, S. Y.**, Kim, K. W., Kim, J. S., Lee, S., Kim, S. Y., Song, G. W., & Lee, S. G. (2018). Doppler ultrasonography in liver transplant recipients with hepatic artery dissection: association of Doppler abnormalities with disease severity. *The British journal of radiology*, 91(1088), 20180182.
28. **Jeong, S. Y.**, Baek, J. H., Choi, Y. J., Chung, S. R., Sung, T. Y., Kim, W. G., ... & Lee, J. H. (2018). Radiofrequency ablation of primary thyroid carcinoma: efficacy according to the types of thyroid carcinoma. *International Journal of Hyperthermia*, 34(5), 611-616.
29. **Jeong, S. Y.**, Baek, J. H., Choi, Y. J., & Lee, J. H. (2017). Ethanol and thermal ablation for malignant thyroid tumours. *International Journal of Hyperthermia*, 33(8), 938-945.
30. **Jeong, S. Y.**, Park, A. W., & Wilkins, L. (2015). Transjugular intrahepatic portosystemic shunt using transsplenic access with balloon-assisted puncture technique in a patient with chronic and complete occlusion of portal vein. *Gastrointestinal Intervention*, 4(2), 127-129.

[Scientific Paper Publications: co-author](#)

1. Hwang, K., Bae, Y. J., Kim, C. Y., Lee, D. H., **Jeong, S. Y.**, Cho, S. J., ... & Kim, J. H. (2025). Comparison of gadobutrol and meglumine gadoterate for dynamic contrast-enhanced MRI of pituitary macroadenomas. *Scientific Reports*, 15(1), 26419.
2. Lim, H., Cho, S. J., Jeong, Y., **Jeong, S. Y.**, & Baek, J. H. (2025). Efficacy and Safety of Thermal Ablation for Indeterminate Thyroid Nodules: A Systematic Review of the Literature and Meta-Analysis. *Thyroid*.
3. Lee, S. J., Lee, D., Suh, C. H., **Jeong, S. Y.**, Shin, H. M., Jung, W., ... & Lee, J. H. (2025). Development and Validation of a Deep Learning-Based Automatic Classification Algorithm for the Medial Temporal Lobe Atrophy Score using a Multi-Modality Cascade Transformer. *Clinical Radiology*, 106993.
4. Suh, P. S., **Jeong, S. Y.**, Baek, J. H., Kim, T. Y., Lee, Y. M., Song, D. E., ... & Lee, J. H. (2024). Knot-and-ear sign: a pathognomonic ultrasonographic feature of suture granuloma after thyroid surgery. *Ultrasonography*, 43(2), 141.
5. Cho, S. J., Cho, W., Choi, D., Sim, G., **Jeong, S. Y.**, Baik, S. H., ... & Sunwoo, L. (2024). Prediction of treatment response after stereotactic radiosurgery of brain metastasis using deep learning and radiomics on longitudinal MRI data. *Scientific Reports*, 14(1), 11085.
6. Sung, E., Sung, W., Lee, Y. J., **Jeong, S. Y.**, Jeong, S., Kim, H. Y., ... & Kim, Y. S. (2024). Hypointense signal lesion on susceptibility-weighted imaging as a potential indicator of vertebral artery dissection in medullary infarction. *Scientific Reports*, 14(1), 5258.
7. Suh, D. C., Choi, Y. H., Park, S. I., Yun, S., **Jeong, S. Y.**, Jeong, S., ... & Song, Y. (2022). Outpatient Day-Care Management of Unruptured Intracranial Aneurysm: A Retrospective Cohort Study. *Korean Journal of Radiology*, 23.
8. Lee, S., Kim, K. W., Jeong, W. K., **Jeong, S. Y.**, Hwang, J. A., Choi, J. S., ... & Joh, J. W. (2021). Liver imaging reporting and data system category on magnetic resonance imaging predicts recurrence of hepatocellular carcinoma after liver transplantation within the Milan criteria: a multicenter study. *Annals of Surgical Oncology*, 1-8.
9. Song, Y., Kwon, B., Al-Abdulwahhab, A. H., Nam, Y. K., Ahn, Y., **Jeong, S. Y.**, ... & Suh, D. C. (2021). Rare Neurovascular Diseases in Korea: Classification and Related Genetic Variants. *Korean Journal of Radiology*, 22.
10. Kim, J. S., Kim, K. W., Choi, S. H., **Jeong, S. Y.**, Kwon, J. H., Song, G. W., & Lee, S. G. (2019). Comparison of the diagnostic performance of CT angiography and contrast-enhanced US in hepatic artery occlusion after liver transplantation. *Ultrasound in Medicine & Biology*, 45, S62.
11. Jang, J. K., Kim, K. W., Choi, S. H., **Jeong, S. Y.**, Kim, J. H., Yu, E. S., ... & Lee, S. G. (2019). CT of acute rejection after liver transplantation: A matched case-control study. *European radiology*, 29(7), 3736-3745.
12. Kim, J. S., Kim, K. W., Choi, S. H., **Jeong, S. Y.**, Kwon, J. H., Song, G. W., & Lee, S. G. (2019). Hepatic artery occlusion after liver transplantation in patients with Doppler ultrasound abnormality: increasing sensitivity of contrast-enhanced ultrasound diagnosis. *Korean journal of radiology*, 20(3), 459-468..
13. Lee, S., Kim, K. W., **Jeong, S. Y.**, Lee, K. J., Kim, S. Y., Song, G. W., & Lee, S. G. (2018). Doppler ultrasound follow-up of middle hepatic vein tributaries-interposition vessel graft in recipients of living donor liver transplantation using modified right lobe grafts. *The British journal of radiology*, 91(1089), 20180066.