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CURRICULUM VITAE

Personal status

Name: So Lyung Jung, M.D. Ph.D.

Sex: female

Date of Birth: August 12,1966

Nationality: Republic of Korea

Business address: Department of Radiology, St. Vincent's Hospital, College of Medicine, The Catholic University of Korea, 93, Jungbu-daero, Paldal-gu, Suwon-si, Gyeonggi-do, Republic of Korea, 16247

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Educational background

1990.2. College of Medicine, The Catholic University of Korea, Seoul, Korea, BS degree

2000.2. College of Medicine, The Catholic University of Korea, Seoul, Korea, MS degree

2010.2. College of Medicine, The Catholic University of Korea, Seoul, Korea, Ph.D. degree

Internship and Residencies

1991.3 – 1992.2. Internship in St. Vincent's Hospital, College of Medicine, The Catholic University of Korea, Suwon, Korea

1992.3 – 1993.2. Internship in Kangdong Catholic Hospital, Seoul, Korea

1993.3 – 1997.2. Residency in Department of Radiology, St. Vincent's Hospital, College of Medicine, The Catholic University of Korea, Suwon, Korea

Fellowship

1997.3 –1998.2. Fellowship in Department of Radiology, St. Vincent's Hospital, College of Medicine, The Catholic University of Korea, Suwon, Korea

Licensure and Certifications

1990.2. National Medical Board of Korea: The Ministry of Health & Social Affairs, Korea, #42970

1997.3. Certified Specialist in Radiology: The Korean Board of Radiology, #1064

Faculty

1998.3- 2002.2. Instructor, Department of Radiology, St. Vincent's Hospital, College of Medicine, The Catholic University of Korea, Suwon, Korea

2002.3-2003.2. Instructor, Department of Radiology, Kangnam St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea

2003.3 -2010.2. Assistant professor, Department of Radiology, Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea

2006.6-2007.5. Visiting Scholar, Department of Radiology, Hill Crest Hospital, University of California San Diego, USA

2010.3-2015.3. Associate professor, Department of Radiology, Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea

2015.4-**2019.3**. Professor, Department of Radiology, Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea

2019.4-**2024.02**. Professor, Department of Radiology, Yeouido St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea

2024.3- present. Professor, Department of Radiology, St. Vincent's Hospital, College of Medicine, The Catholic University of Korea, Suwon, Korea

Memberships

1990–present. The Korean Medical Association

1997–present. The Korean Society of Radiology(KSR)

1997–present. Korean Society of Ultrasound in Medicine(KSUM)

1997–present. The Korean Society of Neuroradiology(KSNR)

2008–present. Korean Thyroid Association, Asia Oceania Thyroid Association (AOTA)

2008-present, Korean Thyroid Association (KTA)

2009-present. The Korean Society of Thyroid Radiology (KSThR)

2015 -present. The Korean Society of Image-guided Tumor Ablation (KSITA)

2015-present. Asian Conference on Tumor Ablation (ACTA)

2023-present. European Society of Head & Neck Radiology (ESHNR)

Awards

2019: 29th Science and Technology Excellence Paper Award
2020: The Most Accredited Award of the Korean Society of Radiology
2020: The Best Paper Award of ITA
2024: The Best Paper Award of ITA

Research Interests:

1. Thyroid radiology: imaging and treatment
   Thyroid nodule: biopsy, ethanol ablation, RFA
2. Head/Neck: Ethanol ablation and RFA of the cystic lesion and vascular malformation
3. Neuroradiology, brain: CT and MRI

Publications

1. Cho U, Jung SL, Jung CK. Cytomorphological changes in thyroid nodules induced by radiofrequency ablation therapy: Emphasis on recurrent papillary thyroid carcinoma. Annals of Diagnostic Pathology 2025;77:152479
2. Ha EJ, Lee MK, Baek JH, Lim JK, Ahn HS, Baek SM, Choi YJ, Chung SR, Kim JH, Shin JH, Lee JY, Hong MJ, Kim HJ, Joo L, Hahn SY, Jung SL, Lee CY, Lee JH, Lee YH, Park JS, Shin JH, Sung JY, Choi M, Na DG; Guideline Committee for the Korean Society of Thyroid Radiology (KSThR) and Korean Society of Radiology. Radiofrequency Ablation for Recurrent Thyroid Cancers: 2025 Korean Society of Thyroid Radiology Guideline. KJR 2025;26(1):10-28
3. Shin JH, Seo M, Lee MK, Jung SL. Radiofrequency Ablation of Benign Thyroid Nodules:10-Year Follow-Up Results From a Single Center. KJR 2025;26(2):193-203
4. Shin JH, Seo M, Lee MK, Jung SL. Comparison of the Therapeutic Efficacy and Technical Outcomes between Conventional Fixed Electrodes and Adjustable Electrodes in the Radiofrequency Ablation of Benign Thyroid Nodules. KJR 2024;25(2):199-209
5. Kim J, Kwon O, Kim TJ, Jung SL, et al. A Rare Case of Hyperfunctioning Lipoadenoma Presenting as a Cystic Parathyroid Lesion. J Bone Metab. 2023;30(2):201-207
6. Ahn HS, Jung SL, Baek JH, et al. Training of Radiofrequency Ablation for Thyroid Nodules in Korea: Current and Future Perspective. J Korean Soc Radiol. 2023;84(5):1009-1016
7. Lee MK, Na DG, Joo LH, Jung SL, et al. Standardized Imaging and Reporting for Thyroid Ultrasound: Korean Society of Thyroid Radiology Consensus Statement and Recommendation. KJR. 2023;24(1):22-30
8. Lee MK, Baek JH, Jung SR, Jung SL, et al. Radiofrequency ablation of recurrent thyroid cancers: anatomy-based management. Ultrasonography. 2022;41(3):434-443
9. Kim YJ, Choi YS, Heo SJ, Jung SL, et al. Deep convolutional neural network for classification of thyroid nodules on ultrasound: Comparison of the diagnostic performance with that of radiologists. European J of Radiol. 2022;152:110335
10. Kim GS, Bae JS, Kim JS, Jung SL et al. Diagnostic Performance of Thyroid Core Needle Biopsy Using the Revised. Reporting System: Comparison with Fine Needle Aspiration Cytology. Endocrinology and metabolism. 2022;37(1):159-169
11. Ha EJ, Shin JH, Na DG, Jung SL et al. Comparison of the diagnostic performance of the modified Korean Thyroid Imaging Reporting and Data System for thyroid malignancy with three international guidelines. Ultrasonography. 2021:40(4):594-601
12. Ha EJ, Jung SR, Na DG, Jung SL et al. 2021 Korean Thyroid Imaging Reporting and Data System

and Imaging-Based Management of Thyroid Nodules: Korean Society of Thyroid Radiology Consensus Statement and Recommendations. KJR. 2021;22(12):2094-2123

13. Lee JY, Baek JH, Ha EJ, Jung SL. et al. 2020 Imaging Guidelines for Thyroid Nodules and Differentiated Thyroid Cancer: Korean Society of Thyroid Radiology. KJR;22(5):840-860
14. Lee MK, Choi YS, Jung SL. Diffusion-weighted MRI for predicting treatment response in patients with nasopharyngeal carcinoma: a systematic review and meta-analysis. Scientific reports. 2021;11(1):18986
15. Jo WJ, Shim JS, Jung SL. Ultrasound-guided ethanol ablation for cystic thyroid nodules: effectiveness of small amounts of ethanol in a single session. Ultrasonography. 2021;40(3):417-427
16. Lee JM, Park HR, Jo GH, Jung SL et al. Clinical Outcome of Fine Needle Aspiration Cytology and Washout Thyroglobulin in Suspicious Lymph Nodes in Differentiated Thyroid Carcinoma: Discordant Results in Real-World Practice. International J of thyroidology. 2021;14(1):18-27
17. Lee MK, Choi YS, Jang JH, Jung SL et al. Identification of the intraparotid facial nerve on MRI: a systematic review and meta-analysis. European Radiology. 2021;31(2):629-639
18. Choi Y, Jung SL, Jang J, Shin NY, Ahn KJ, Kim BS. CT-based quantitative evaluation of the efficacy after radiofrequency ablation in patients with benign thyroid nodules. Int J Hyperthermia. 2020;37(1):742-748
19. Choi Y, Ahn KJ, Jang J, Shin NY, Jung SL, Kim BS, Kim MS, Kim YS. Prognostic value of computed tomography-based volumetric body composition analysis in patients with head and neck cancer: Feasibility study. Head Neck. 2020;42(9):2614-2625
20. Lee MK, Choi Y, Jang J, Shin NY, Jung SL, Ahn KJ, Kim BS. Identification of the intraparotid facial nerve on MRI: a systematic review and meta-analysis. Eur Radiol. 2020;28
21. Lee SW, Kim YS, Sung SY, Kwak YK, Kang YN, Jang JS, Kang JH, Hong SH, Kim SJ, Jung SL. Upfront radiosurgery plus targeted agents followed by active brain control using radiosurgery delays neurological death in non-small cell lung cancer with brain metastasis. Clin Exp Metastasis. 2020;37(2):353-363
22. Nam Y, Jang J, Lee HY, Choi Y, Shin NY, Ryu KH, Kim DH, Jung SL, Ahn KJ, Kim BS. Estimating age-related changes in in vivo cerebral magnetic resonance angiography using convolutional neural network. Neurobiol Aging. 2020;87:125-131
23. Cho DY, Kim BS, Jang J, Choi HS, Jung SL, Ahn KJ, Shin YS. Cerebellar artery arising from the cavernous segment of the internal carotid artery and persistent trigeminal artery: a spectrum of incomplete longitudinal fusion. Acta Radiol. 2020;61(3):386-394
24. Choi Y, Jung SL. Efficacy and safety of thermal ablation techniques for the treatment of primary papillary thyroid microcarcinoma: A systemic review and meta-analysis. Thyroid. 2020;30(5):720-731.
25. Lee SW, Kim YS, Jung SL. Upfront radiosurgery plus targeted agents followed by active brain control using radiosurgery delays neurological death in non-small cell lung cancer with brain metastasis.Clinical & experimental metastasis. 2020;37(2):353-363
26. Seo MK, Choi YS, Lee S, Kim BS, Jang JH, Shin NY, Jung SL, Ahn KJ. Diagnostic Value of Susceptibility Weighted MRI in Differentiating Cerebellopontine Angle Schwannoma from Meningioma. 대한자기공명의과학회. 2020;24(1):38-45
27. Choi Y, Jung SL, Bae JS, Lee SH, Jung CK, Jang J, Shin NY, Choi HS, Ahn KJ, Kim BS. Comparison of efficacy and complications between radiofrequency ablation and repeat surgery in the treatment of locally recurrent thyroid cancers: a single-center propensity score matching study. Int J Hyperthermia. 2019;36(1):359-367.
28. Hahn SY, Shin JH, Na DG, Jung SL, et al. Ethanol Ablation of the Thyroid Nodules: 2018 Consensus Statement by the Korean Society of Thyroid Radiology. Korean J Radiol. 2019;20(4):609-620
29. Lee S, Nam Y, Jang J, Na GH, Kim DG, Shin NY, Choi HS, Jung SL, Ahn KJ, Kim BS. Deep gray matter iron measurement in patients with liver cirrhosis using quantitative susceptibility mapping: Relationship with pallidal T1 hyperintensity. J Magn Reson Imaging. 2018 May;47(5):1342-1349.

30. Lee JY, Ahn KJ, Lee YS, Jang JH, Jung SL, Kim BS. Differentiation of grade II and III oligodendrogliomas from grade II and III astrocytomas: a histogram analysis of perfusion parameters derived from dynamic contrast-enhanced (DCE) and dynamic susceptibility contrast (DSC) MRI. Acta Radiol. 2018 Jun;59(6):723-731
31. Jung SL, Baek JH, Lee JH, Shong YK, Sung JY, Kim KS, Lee D, Kim JH, Baek SM, Sim JS, Na DG[9]. Efficacy and Safety of Radiofrequency Ablation for Benign Thyroid Nodules: A Prospective Multicenter Study. Korean J Radiol. 2018 Jan-Feb;19(1):167-174

Published Books

1. Jung SL, Moon WJ. Diagnosis, treatment, and follow-up of the thyroid nodules. In: Kang BJ, Kwak MS, Kim YS, Kim JY, Kim JH, Kim JA, Bak SM, Bak JH, Shim JS, Lee JH, Choi SH, editors.Thyroid: Imaging diagnosis and intervention. 1. Thyroid study group in Korean Society of Neurordiology and Head and Neck Radiology:Ilchokak;2008. P95-122

2. Jung SL, Kwak JY. Diagnosis, treatment, and follow-up of the thyroid nodules. In:Korean Society of thyroid imaging. Thyroid Imaging and intervention, 2nd eddition:Ilchokak;2013. P109-127

3. Jung SL. Disease of the eyeball. In:Kim HJ, Lee JH. Head and Neck Radiology. Korean Society of Neuroradiology:Bummooneducation;2015.P102-120

4. Jung SL. Cerebral hemorrhage, orbit. In:Korean Society of Magnetic Resonance in Medicine. Clinical Magnetic Resonance Imaging:Ilchokak;2015.P85-93, 138-144

5. Jung SL. Ultrasonography of the Thyroid Gland. In:Kakudo K, Liu Z, Jung CK, Hirokawa M, Bychkov A, Lai CR. Thyroid FNA Cytology. Differential Diagnoses and Pitfalls, 3rd edition

Clinical Trial

1. Case analysis in clinical application and research and development of update method in 3T MRI : 2002
2. Diffusion tensor imaging in patient with cochlear transplantation: neural pathway evaluation and prediction of prognosis : 2005 - 2007
3. Development of evaluation algorithm in patient with indeterminate results of fine-needle aspiration biopsy : 2008-2009
4. Standardization of reading form of the ultrasonographic examination and registration of the thyroid nodules: 2008-2009

I hereby declare that the above statement is true and correct in every respect to the best of my knowledge.

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