

Curriculum Vitae

Name: Tse-Hao Lee

Position: Physician

Institution: Department of Nuclear Medicine, Taipei Veterans General Hospital

EDUCATION

School of Medicine, College of Medicine, National Taiwan University.

PUBLICATION (SCI journals)

1. Jih KY, Hsu TR, Fuh JL, **Lee TH**, Lin YS, Fang SY, Liao YC, Lee YC. Early presentation of spastic paraparesis in individuals carrying PSEN1 mutations: a clinical and genetic analysis. *Alzheimers Res Ther.* 2025 Apr 30;17(1):96.
2. Yu HY, Tsai CJ, **Lee TH**, Tung H, Shih YC, Chou CC, Lee CC, Lin PT, Peng SJ. Machine learning localization to identify the epileptogenic side in mesial temporal lobe epilepsy. *Magn Reson Imaging.* 2025 Jan; 115:110256.
3. **Lee TH**, Wang YF, Peng NJ, Peng SJ. Voxel-based evaluation for [18F] Florbetaben brain β -amyloid positron emission tomography of healthy control, mild cognitive impairment, and Alzheimer's disease. *Quant Imaging Med Surg.* 2024 Dec 5;14(12):9146-9156.
4. Yao SF, Huang WJ, Wei TC, Wang YF, Lin KH, Hu LH, Ting CH, **Lee TH**, Yeh SH, Peng NJ. Survival outcomes of radium-223 therapy for metastatic castration-resistant prostate cancer following national health insurance reimbursement in Taiwan. *J Chin Med Assoc.* 2024 Jul 1;87(7):734-740.
5. Lin KH, Chen YW, Wang LW, Wang YF, Hu LH, Ting CH, **Lee TH**, Lee JC, Peng NJ. Prognostic assessment of 18F-boronophenylalanine positron emission tomography (BPA-PET) in salvage boron neutron capture therapy for malignant brain tumors. *Quant Imaging Med Surg.* 2024 Jun 1;14(6):4177-4188.
6. **Lee TH**, Shih YC, Lu YJ, Chou CC, Lee CC, Yu HY, Peng SJ. Glucose Metabolism of Hippocampal Subfields in Medial Temporal Lobe Epilepsy. *Clin Nucl Med.* 2024 Apr 1;49(4):294-300.
7. Lee WC, Chen HH, Yang TF, **Lee TH**, Hsu TR, Chen C, Chang KP, Kwan SY, Lin WS. Early Surgery for Ohtahara Syndrome Associated with Cortical Dysplasia. *Pediatr Neurol.* 2023 Nov; 148:28-31.
8. Wu CH, Lu YH, **Lee TH**, Tu CY, Fuh JL, Wang YF, Yang BH. Feasibility evaluation of middle-phase 18F-florbetaben positron emission tomography imaging using centiloid quantification and visual assessment. *Quant Imaging Med Surg.* 2023 Aug 1;13(8):4806-4815.
9. **Lee TH**, Wang YF, Hu LH, Peng NJ, Chang CY, Huang WS. Follow-up Tc-99 m pyrophosphate cardiac scan for patients with transthyretin cardiac amyloidosis treated with tafamidis. *Jpn J Radiol.* 2023 Aug;41(8):882-888.
10. **Lee TH**, Wang YF, Peng NJ. Extrastriatal 99m Tc-TRODAT-1 Uptake in the Previous Hemorrhage with Hemosiderin Deposition. *Clin Nucl Med.* **2023** May 1;48(5):431-432.
11. Shih YC, **Lee TH**, Yu HY, Chou CC, Lee CC, Lin PT, Peng SJ. Machine Learning Quantitative Analysis of FDG PET Images of Medial Temporal Lobe Epilepsy Patients. *Clin Nucl Med.* **2022** Apr 1;47(4):287-293.
12. Chang CY, **Lee TH**, Liu RS, Li CY, Yang BH, Chang WY, Lin TP, Chang CW, Yao SF, Wei TC, Lin CY, Shieh CC, Lu CF. Fractionated deep-inspiration breath-hold ZTE Compared with Free-breathing four-dimensional ZTE for detecting pulmonary nodules in oncological patients underwent PET/MRI. *Sci Rep.* **2021** Sep 3;11(1):17636.
13. **Lee TH**, Chu LS, Chang CY, Huang WS. Different Pattern of Bone Scintigraphy

in Mandibular Osteosarcoma Arising from Fibrous Dysplasia in a Patient With McCune-Albright Syndrome. Clin Nucl Med. **2021** Jan;46(1): e11-e12.

14. **Lee TH**, Cheng-Pei Chang, Yuan-Hung Wu, Wen-Sheng Huang. Unusual Presentation of Postradiation Sarcoma with Subsequent Intestinal Metastasis Revealed by 18F-FDG PET/CT. Clin Nucl Med. **2017** Oct;42(10): e438-e440

PUBLICATION (non-SCI journals, ENGLISH)

1. **Tse-Hao Lee**, Tzu-Chun Wei, Ko-Han Lin, Chuang-Hsin Chiu, Neng-Chuan Tseng, Wen-Sheng Huang. *PSMA: A Specific Biomarker for Prostate Cancer Imaging?* Annals of nuclear medicine and molecular imaging **2020**; 33(3):151-159
2. **Tse-Hao Lee**, Yum-Kung Chu. *Rheumatoid Arthritis: An exceptional Complication of chemotherapy in a patient with lung cancer.* American Journal of Medical Case Reports, **2015**; 3 (5):130-132.
3. **Tse-Hao Lee**, Rong-Hsin Yang, Yum-Kung Chu. *F-18 FDG Hypermetabolism Displaying Muscular Insult in Stiff-Person Syndrome: A Rare Case Report.* Annals of nuclear medicine and molecular imaging, **2015**; 28:19-24
4. **Tse-Hao Lee**, Lee-Shing Chu, Shyh-Jen Wang. *Recurrent and metastatic scrotal extramammary Paget's disease detected by F-18 FDG PET/CT.* Annals of nuclear medicine and molecular imaging. **2015**; 28:117-121
5. **Tse-Hao Lee**, Yum-Kung Chu. *Discrepancy between I-131 and Tc-99m MDP scans in detecting bone metastasis of thyroid cancer.* Annals of nuclear medicine and molecular imaging **2015**; 28:136-140

PUBLICATION (non-SCI journals, CHINESE)

1. **李哲皓**, 張智勇, 姚珊汎, 陳明晃. 核醫癌症診療的先鋒：神經內分泌腫瘤正子造影及核醫標靶放射治療（下）. 臨床醫學月刊；87 卷 3 期(2021/03), Pp. 164-167
2. 張智勇, **李哲皓**, 姚珊汎, 陳明晃. 核醫癌症診療的先鋒：神經內分泌腫瘤正子造影及核醫標靶放射治療（上）. 臨床醫學月刊；87 卷 2 期(2021/02), Pp. 83-87
3. **李哲皓**, 黃文盛. 核醫腦部血流灌注造影以及腦部正子造影於癲癇疾病診斷之應用. 臨床醫學月刊；81 卷 1 期(2018/01), Pp. 21-24

POSTER PRESENTATION

國外

1. **Tse-Hao Lee**, Jong-Ling Fuh, Yuh-Feng Wang, Nan-Jing Peng. *Imaging pattern might be different in dementia patients of positive brain amyloid PET with depression.* (2024) 10th Congress of the European Academy of Neurology, Helsinki, Finland.
2. **Tse-Hao Lee**, Cheng-Chia Lee, Hsin-Hong Chen, Chien Chen, Lee-Shing Chu, Wen-Sheng Huang. *Glucose hypometabolism in different part of thalamus predicts different epileptic focus in cerebral cortex, which is confirmed by SEEG.* (2018) Annual Meeting of Society of Nuclear Medicine and Molecular Imaging (SNMMI), Philadelphia, U.S.A.
- 2 **Tse-Hao Lee**, Wen-Sheng Huang. *FDG PET is helpful in SEEG mapping in MRI negative focal cortical dysplasia.* (2017) Asia Oceania Congress of Nuclear Medicine and Biology, Yokohama, Japan.

國內

1. **Tse-Hao Lee**, Yuh-Feng Wang, Nan-Jing Peng. *Differentiation Between Parkinson Disease and Dementia with Lewy Body by e-ZIS processing parameters of cerebral perfusion scan.* 2024 Annual Meeting of The Society of Nuclear Medicine, Taiwan.

2. **Tse-Hao Lee**, et al. Hypermetabolism in the hemostatic granuloma of a patient after receiving total callosotomy. **2023** Annual Meeting of The Society of Nuclear Medicine, Taiwan.
3. **Tse-Hao Lee**, et al. Seizure operation in patients after pre-surgical workups with 18F-FDG brain PET in Taipei Veterans General Hospital. **2022** Annual Meeting of The Society of Nuclear Medicine, Taiwan.
4. **Tse-Hao Lee**, et al. Voxel-wise image analysis of 18F-florbetaben brain amyloid PET from GAAIN database. **2022** Annual Meeting of The Society of Nuclear Medicine, Taiwan.
5. **Tse-Hao Lee**, et al. *The First Experience of Peptide Receptor Radionuclide Therapy with Lutetium-177 DOTATATE in Taipei Veterans General Hospital-A Patient with Neuroendocrine Tumor of Rectum.* **2021** Annual Meeting of The Society of Nuclear Medicine, Taiwan.
6. **Tse-Hao Lee**, et al. *Difference of the ¹⁸F-FDG Brain PET Images Reconstructed with Bayesian Penalized Likelihood and Ordered Subset Expectation Maximization Algorithms- Comparison of the Z-score.* **2021** Annual Meeting of The Society of Nuclear Medicine, Taiwan.
7. **Tse-Hao Lee**, et al. *Shorter than standard imaging acquisition time for F18 Florbetaben amyloid brain PET might be feasible (Experience of Taipei Veterans General Hospital).* **2020** Annual Meeting of The Society of Nuclear Medicine, Taiwan.
8. **Tse-Hao Lee**, Cheng-Pei Chang, Shih-Chieh Lin , Wen-Sheng Huang. Indium-111 Octreoscan detected large cell neuroendocrine carcinoma presenting with ectopic adrenocorticotrophic hormone syndrome. **2019** Annual Meeting of The Society of Nuclear Medicine, Taiwan.
9. **Tse-Hao Lee**, Lee-Shing Chu, Wen-Sheng Huang. Osteosarcoma and pancreatic neoplasm associated with McCune-Albright syndrome : A case report. **2018** Annual Meeting of The Society of Nuclear Medicine, Taiwan.
10. **Tse-Hao Lee**, et al. *Interictal brain 18F-fluorodeoxyglucose (FDG) positron emission Tomography (PET) in complement of epileptogenic foci localization for non-lesional (MRI negative) epilepsy :A case report.* **2016** Annual Meeting of The Society of Nuclear Medicine, Taiwan.