

Yu Ming'an

China-Japan Friendship Hospital

Chief Physician, Professor, Medical Doctor

Director of Interventional Medicine Department

Research Interests: Thermal ablation of thyroid, parathyroid gland, liver, uterus and lung.

Society: Chairman of Chinese Bethune Spirit Research Association Endocrine and Diabetes Branch,

Interventional Endocrine Committee

Thyroid research:

1. Wei Y, Niu WQ, Zhao ZL, Wu J, Peng LL, Li Y, Yu MA. Microwave Ablation versus Surgical Resection for Solitary T1N0M0 Papillary Thyroid Carcinoma. *Radiology*. 2022 Sep; 304(3):704-713. doi: 10.1148/radiol.212313. PMID: 35536133. IF: 29.146
2. Zhao ZL, Wang SR, Dong G, Liu Y, He JF, Shi LL, Guo JQ, Wang ZH, Cong ZB, Liu LH, Yang BB, Qu CP, Niu WQ, Wei Y, Peng LL, Li Y, Lu NC, Wu J, Yu MA. Microwave Ablation versus Surgical Resection for US-detected Multifocal T1N0M0 Papillary Thyroid Carcinoma: A 10-Center Study. *Radiology*. 2024 Apr;311(1):e230459. doi: 10.1148/radiol.230459. PMID: 38563669.
3. Zhou HD, Yu XY, Wei Y, Zhao ZL, Peng L, Li Y, Lu NC, Yu MA. A clinical study on microwave ablation of multifocal (≤ 3) T1N0M0 papillary thyroid carcinoma. *Eur Radiol*. 2023 Jun;33(6):4034-4041. doi: 10.1007/s00330-022-09333-x. Epub 2022 Dec 13. PMID: 36512041.
4. Zhao ZL, Wei Y, Peng LL, Li Y, Lu NC, Yu MA. Recurrent Laryngeal Nerve Injury in Thermal Ablation of Thyroid Nodules-Risk Factors and Cause Analysis. *J Clin Endocrinol Metab*. 2022 Jun 16;107(7):e2930-e2937. doi: 10.1210/clinem/dgac177. PMID: 35311971. IF: 6.134
5. Cao XJ, Wang SR, Che Y, Liu J, Cong ZB, He JF, Wang HL, Liu G, Guo JQ, Hao Y, Wang ZH, Zhou Y, Jian M, Shi LL, Qi L, Zhu YL, Wang X, Yan GZ, Shataer A, Liu XF, Wei Y, Zhao ZL, Peng LL, Li Y, Yu MA. Efficacy and Safety of Thermal Ablation for Treatment of Solitary T1N0M0 Papillary Thyroid Carcinoma: A Multicenter Retrospective Study. *Radiology*. 2021 Jul;300(1):209-216. doi: 10.1148/radiol.2021202735. PMID: 33904775. IF: 11.105

Parathyroid Research:

1. Zhuo L, Peng LL, Zhang YM, Xu ZH, Zou GM, Wang X, Li WG, Lu MD, Yu MA*. US-guided Microwave Ablation of Hyperplastic Parathyroid Glands: Safety and Efficacy in Patients with End-Stage Renal Disease-A Pilot Study. *Radiology*. 2017 Feb;282(2):576-584. doi: 10.1148/radiol.2016151875. Epub 2016 Aug 22. PMID: 27552557. IF: 7.469
2. Wei Y, Peng LL, Zhao ZL, Li Y, Yu MA*. Risk Factors of Severe Hypocalcemia After US-Guided Percutaneous Microwave Ablation of the Parathyroid Gland in Patients with Secondary Hyperparathyroidism. *J Bone Miner Res*. 2020 Apr;35(4):691-697. IF: 6.741
3. Wei Y, Peng CZ, Wang SR, He JF, Peng LL, Zhao ZL, Cao XJ, Li Y, Yu MA*. Effectiveness and Safety of Thermal Ablation in the Treatment of Primary Hyperparathyroidism: A Multicenter Study. *J Clin Endocrinol Metab*. 2021 Aug 18;106(9):2707-2717. doi: 10.1210/clinem/dgab240. PMID: 33846740; PMCID: PMC8372654. IF:5.958
4. Wei Ying; Zhao Zhen-long; Cao Xiao-jing; Peng Li-li; Li Yan; Yu Ming-an*. A Study on the Causes of Operative Failures after Microwave Ablation for Primary Hyperparathyroidism. *Eur Radiol*. 2021 Sep;31(9):6522-6530. doi: 10.1007/s00330-021-07761-9. IF: 5.315
5. Ying Wei; Zhen-long Zhao; Xiao-jing Cao; Li-li Peng; Yan Li; Jie Wu; Ming-an Yu*. Microwave ablation versus parathyroidectomy for the treatment of primary hyperparathyroidism: a cohort study. *Eur Radiol*. 2022 Apr 6. doi: 10.1007/s00330-022-08759-7. Online ahead of print. IF: 5.315