



Personal Profile

Jung Hwan Baek, MD, PhD

Departments

Professor, Department of Radiology and Research Institute of Radiology, Asan Medical Center, University of Ulsan College of Medicine. He also serves as Chief of the Neuroradiology / Head & Neck / Thyroid Section at Asan Medical Center.

Awards and honors

Professor Baek has received multiple scientific awards from Korean and international professional societies for his work on thyroid radiofrequency ablation, core-needle biopsy, and image-guided treatment of thyroid nodules and recurrent thyroid cancer. He is the author or co-author of 132 scientific publications, including 66 SCI/SCIE papers as first or corresponding author, and has contributed to major academic books and consensus publications in thyroid intervention.

Areas of focus

His main areas of expertise include thyroid and neck tumor imaging, ultrasound-guided fine-needle aspiration and core-needle biopsy, and image-guided ablation techniques, especially radiofrequency and ethanol ablation. His research and clinical work are focused on improving non-surgical treatment options for benign thyroid nodules, recurrent thyroid cancer, and other endocrine neck lesions.

Clinical focus includes

He specializes in minimally invasive, image-guided management of thyroid nodules and selected recurrent thyroid cancers, with particular emphasis on safe and effective alternatives to surgery. His work also includes the development of technical standards, consensus recommendations, and educational programs in thyroid intervention and diagnostic radiology.