

AI in Medicine

Future of Healthcare by AI



Photo	Name	Sheng-Che Hung
	Country	USA
	Official Title	Vice Chair of Informatics
	Department	Radiology
	Institute	University of North Carolina Chapel Hill
	Telephone / Fax	
	E-Mail	shengche_hung@med.unc.edu
	Mailing Address	
Education Background	<p>DUKE UNIVERSITY, <i>Master of Management in Clinical Informatics, Expected 2026</i></p> <p>NATIONAL YANG-MING UNIVERSITY, PhD, Biomedical Imaging and Radiological Science, 2019</p> <p>NATIONAL TAIWAN UNIVERSITY, <i>Medical Degree, 2002</i></p>	
Professional Career	<p>UNIVERSITY OF NORTH CAROLINA, 2017-Present</p> <ul style="list-style-type: none"> - <i>Vice Chair of Informatics of Radiology (2025 – present)</i> - <i>Clinical Associate Professor, Radiology (2024–Present)</i> - <i>Clinical Assistant Professor, Radiology (2019–2023)</i> - <i>Clinical Instructor, Radiology (2017–2018)</i> <p>NATIONAL YANG-MING UNIVERSITY, <i>Adjunct Assistant Professor, 2015-2017</i></p> <p>TAIPEI VETERANS GENERAL HOSPITAL, <i>Attending Physician, Neuroradiology, 2011– 2017</i></p> <p>CHANG-GUNG MEMORIAL HOSPITAL, <i>Attending Physician, Emergency Radiology, 2008– 2010</i></p> <p>TAIPEI VETERANS GENERAL HOSPITAL, <i>Resident, Radiology, 2003– 2007</i></p>	
Speech Title	Into Practice: AI in Pediatric Neuroradiology Today	

AI in Medicine

Future of Healthcare by AI



Abstract(200 words) :

Artificial intelligence (AI) has rapidly advanced in medical imaging, with several FDA-cleared tools now integrated into clinical practice. Pediatric neuroradiology presents unique challenges—including age-specific anatomy, motion artifacts, and rare disease prevalence—that make it an ideal but demanding domain for AI applications. This talk provides an overview of current AI products in pediatric neuroradiology that have gained FDA approval or CE marks and are actively used in practice. By bridging innovation with practice, this presentation aims to contextualize how AI is reshaping pediatric neuroimaging today.