



# KSUM 2026

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THE KOREAN SOCIETY OF ULTRASOUND IN MEDICINE

MAY 7 (THU) - 8 (FRI), 2026 | COEX, SEOUL, KOREA

## KSUM 2026 Invited Speaker's CV

All fields marked with an asterisk (\*) should be completed.

<b>Name*</b>	Jae Won Choi	
<b>Country*</b>	Republic of Korea	
<b>Current Affiliation*</b>	Department of Radiology Seoul National University Hospital	
<b>Specialty*</b>	Pediatric Radiology	
<b>Educational Background* (100 words)</b>	Jae Won Choi earned his MD from Seoul National University College of Medicine in 2016. Following clinical internship and residency training in radiology, he completed a Master of Science in Radiology at Seoul National University College of Medicine in 2021, with research focused on artificial intelligence and deep learning applications in pediatric radiology. He is currently pursuing a PhD in Radiology at the same institution (2025–present).	
<b>Professional Experience (200 words)</b>	Jae Won Choi began his clinical training as a rotating intern at Seoul National University Hospital (2016–2017), before completing his residency in the Department of Radiology at the same institution (2017–2021). He subsequently served as a Medical Officer in the Department of Radiology at Armed Forces Yangju Hospital (2021–2024), where he continued his research activities alongside clinical duties. Upon completing military service, he joined Seoul National University Hospital as a Clinical Fellow in Pediatric Radiology (2024–2025), gaining specialized expertise in pediatric imaging. Since March 2025, Dr. Choi has held the position of Clinical Assistant Professor in the Department of Radiology at Seoul National University Hospital.	
<b>Main Scientific Publication * (200 words)</b>	Dr. Choi's scientific contributions are centered on deep learning applications in medical imaging, with a particular emphasis on pediatric radiology. His most cited work, published in <i>Investigative Radiology</i> (2019), demonstrated the use of a dual-input convolutional neural network for automated detection of pediatric supracondylar fractures on plain radiographs — an early landmark study in AI-assisted pediatric musculoskeletal imaging. Subsequent publications explored generative adversarial networks for synthetic contrast enhancement in chest CT ( <i>Scientific Reports</i> , 2021) and deep learning–assisted skull fracture diagnosis ( <i>Korean Journal of Radiology</i> , 2022). More recently, he published a multicenter feasibility study in <i>Radiology</i> (2026) demonstrating deep learning–based bone mineral density prediction from pediatric chest radiographs — a clinically impactful application requiring no additional radiation exposure. His work on accelerated pediatric brain MRI using deep learning reconstruction, published in <i>Pediatric Radiology</i> (2025), further reflects his commitment to reducing scan burden in vulnerable populations.	

### KSUM 2026 Secretariat

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