



KSUM 2026


THE 57TH ANNUAL CONGRESS OF
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.

Name*	Hye Jung Kim	
Country*	Korea	
Current Affiliation*	Kyungpook National University Chilgok Hospital	
Specialty*	Breast	
Educational Background* (100 words)	1998 B.S School of Medicine, Kyungpook National University, Daegu, Korea 2001 Master's degree, School of Medicine, Kyungpook National University 2015 Ph.D., School of Medicine, Kyungpook National University	
Professional Experience (200 words)	2003-2007 Fellowship and clinical instructor, Dept. of Radiology, Kyungpook National University Hospital 2007- present Instructor – > Professor, Dept. of Radiology, Kyungpook National University Chilgok Hospital, School of Medicine, Kyungpook National University 2015.7-2016.7 Visiting scholar, Breast imaging center, Dept. of Radiology, University North Carolina Membership The Korean Society of Radiology : Director at large (2024-26) The Korean Society for Breast Screening: Academic director (2022-23), General affair director (2024-25) The Korean Society of Breast Imaging : Planning director (2026-27) Daegu-Kyungpook Chapter of The Korean Society of Radiology: President (2025), academic director (2018) National research foundation of Korea, program manager (2025.11.24-2027.10.31) National cancer center, Executive Committee Member, Breast cancer screening guideline Revision Committee (2025.11 ~2026.12) Journal of the Korean Society of Radiology. Editorial Board of Breast imaging (2025~)	

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**Main Scientific
Publication ***
(200 words)

1. Park SY, Cheon H, Kim WH, Lee SM, Park JY, Kim HJ. Comparison of Abbreviated MRI and Full Diagnostic Protocol MRI for Surgical Planning in Patients with Newly Diagnosed Breast Cancer. 2025 Oct 30;15(21):2749. doi:10.3390/diagnostics15212749.
2. Lee J, Kim WH, Kim J, Kim HJ, Moon JS, Kang B, Park HY, Cheng FTF. Efficacy of a Real-Time Artificial Intelligence Ultrasound System With Computer-Aided Detection and Diagnosis for Breast Cancer: A Feasibility Study. J Breast Cancer. 2025 Jun 23;28(3):206 doi:10.4048/jbc.2024.0303. PMID: PMC12230290 PMID: 40618188
3. Baek J, Kim J, Kim HJ, Yoon JH, Park HY, Lee J, Kang B, Zakiryarov I, Kultaev A, Saktashev B, Kim WH. Clinical Application of Artificial Intelligence in Breast Ultrasound. J Korean Soc Radiol. 2025 Mar 26;86(2):216–226. doi:10.3348/jksr.2025.0019. PMID: PMC11973104 PMID: 40201609
4. Lee J, Kang B, Jung JH, Kim HJ, Kim WH, Yang JD, Lee JS, Chae YS, Lee SJ, Lee IH, Park JY, Park NJY, Park HY. Feasibility of an indocyanine green-hyaluronic acid mixture (LuminoMark™) for targeting suspicious axillary lymph nodes in patients with breast cancer. BMC Cancer. 2024 Dec 30;24:1588. doi: 10.1186/s12885-024-13175-9. PMID: PMC11687093 PMID: 39736609
5. Yeo B, Shin KM, Park B, Kim HJ, Kim WH. Clinical Feasibility of Dual-Layer CT With Virtual Monochromatic Image for Preoperative Staging in Patients with Breast Cancer: A Comparison With Breast MRI. Korean J Radiol 2024;25(9):798-806. doi: 10.3348/kjr.2023.1312 PMID: PMC11361794 PMID: 39197825
6. Yun C, Eom B, Park S, Kim C, Kim D, Jabeen F, Kim WH, Kim HJ, Kim J.A Study on the Effectiveness of Deep Learning-Based Anomaly Detection Methods for Breast. Sensors (Basel). 2023 Mar 6;23(5):2864. doi.org/10.3390/s23052864 PMID: PMC10007509 PMID: 36905074
7. Kim YS, Cho HG, Kim J, Park SJ, Kim HJ, Lee SE, Yang JD, Kim WH, Lee JS. Prediction of Implant Size Based on Breast Volume Using Mammography with Fully Automated Measurements and Breast MRI. Ann Surg Oncol (2022) 29:7845–7854
8. Park SY, Park JY, Park JW, Kim WH, Park JY, Kim HJ. Unexpected hyperechoic lesions of the breast and their correlations with pathology: a pictorial essay Ultrasonography 2022;41(3):597-609. doi: 10.14366/usg.21243 PMID: PMC9262659 PMID: 35462528
9. Kim J, Kim HJ, Kim C, Lee JH, Kim KW, Park YM, Kim HW, Ki SY, Kim YM, Kim WH. Weakly supervised deep learning for ultrasound diagnosis of breast cancer Scientific Reports 2021;1:24382. doi: 10.1038/s41598-021-03806-7 PMID: PMC8692405 PMID: 34934144
10. Park NJY, Jeong JY, Park JY, Kim HJ, Park CS, Lee J, Park HY, Jung JH, Kim WW, Chae YS, Lee SJ, Kim WH. Peritumoral edema in breast cancer at preoperative MRI: an interpretative study with histopathological review toward understanding tumor microenvironment. Scientific Reports 2021;11:12992 doi: 10.1038/s41598-021-92283-z. PMID: PMC8217499 PMID: 34155253
11. Lee J, Park HY, Kim WW, Park CS, Lee RK, Kim HJ, Kim WH, Lee SW, Jeong SY, Chae YS, Lee SJ, Park JY, Park JY, Jung JH. Value of accurate diagnosis for metastatic supraclavicular lymph nodes in breast cancer: assessment with neck US, CT, and 18F-FDG PET/CT. Diagn Interv Radiol 2021; 27:323–328 doi:
12. Kim J, Kim HJ, Kim C, Kim WH. Artificial intelligence in breast ultrasonography. Ultrasonography 2021;40(2):183-19019.
13. Kim WH, Kim HJ, Park CS, Lee J, Park HY, Jung JH, Kim WW, Chae YS, Lee SJ, Kim SH. Axillary Nodal Burden Assessed with Pretreatment Breast MRI Is Associated with Failed Sentinel Lymph Node Identification after Neoadjuvant Chemotherapy for Breast Cancer. Radiology. 2020;295(2):275-282. doi:
14. Kim WH, Kim HJ, Kim SH, Jung JH, Park HY, Lee J, Kim WW, Park JY, Chae YS, Lee SJ. Ultrasound-guided dual-localization for axillary nodes before and after

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neoadjuvant chemotherapy with clip and activated charcoal in breast cancer patients: a feasibility study. *BMC Cancer*. 2019;19(1):859. doi: 10.1186/s12885-019-6095-1.

15. Kim WH, Kim HJ, Park HY, Park JY, Chae YS, Lee SM, Cho SH, Shin KM, Lee SY. Axillary Pathologic Complete Response to Neoadjuvant Chemotherapy in Clinically Node-Positive Breast Cancer Patients: A Predictive Model Integrating the Imaging Characteristics of Ultrasound Restaging with Known Clinicopathologic Characteristics. *Ultrasound Med Biol*. 2019;45(3):702-709 doi: 10.1016/j.ultrasmedbio.2018.10.026 PMID: 30567630

16. Kim WH, Kim HJ, Lee SM, Cho SH, Shin KM, Lee SY, Lim JK. Prediction of high nodal burden with ultrasound and magnetic resonance imaging in clinically node - negative breast cancer patients. *Cancer Imaging*. 2019 1;19(1):4

17. Kim WH, Kim HJ, Lee SM, Cho SH, Shin KM, Lee SY, Lim JK, Lee WK. Preoperative axillary nodal staging with ultrasound and magnetic resonance imaging: predictive values of quantitative and semantic features. *Br J Radiol*. 2018;91(1092):20180507 doi: 10.1259/bjr.20180507 PMID: 30059242

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