




## KSUM 2023 Invited Speaker's CV

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

<b>Name*</b>	Sun Kyung Jeon	
<b>EDUCATIONAL BACKGROUND</b>		
<b>Country*</b>	Republic of Korea	
<b>Current Affiliation*</b>	Seoul National University Hospital	
<b>Specialty*</b>	Abdominal imaging	
<b>Education*</b> (100 words)	M.D. ----- College of Medicine, Seoul National University (2009.03-2013.02)	
<b>Post-Graduate Education*</b> (100 words)	M.S. ----- Graduate school, College of Medicine, Seoul National University (2016.03-2018.02) Ph.D. ----- Graduate school, College of Medicine, Seoul National University (2019.03-2021.02)	
<b>Academic Appointments*</b> (200 words)	<b>Rotating Internship</b> ----- Seoul National University Hospital (2013.03-2014.02) <b>Radiologic Residency</b> --- Seoul National University Hospital (2014.03-2018.02) <b>Clinical Fellow</b> ----- Seoul National University Hospital (2018.03-2018.09) <b>Clinical Assistant Professor</b> -----Seoul National University Hospital (2018.10-current)	
<b>Scientific Publications*</b> (200 words)	<b>Jeon SK, Lee JM, Joo I, Yoon JH, Lee DH, Lee JY et al.</b> Prospective evaluation of hepatic steatosis using ultrasound attenuation imaging in patients with chronic liver disease with magnetic resonance imaging proton density fat fraction as the reference standard. <b>Ultrasound in medicine &amp; biology</b> 2019;45:1407-1416  <b>Jeon SK, Joo I, Lee DH, Lee SM, Kang HJ, Lee KB et al.</b> Combined hepatocellular cholangiocarcinoma: Li-rads v2017 categorisation for differential diagnosis and prognostication on gadoxetic acid-enhanced mr imaging. <b>European radiology</b> 2019;29:373-382	



**Jeon SK**, Lee JM, Joo I, Yoo J, Park JY. Comparison of guidelines for diagnosis of hepatocellular carcinoma using gadoteric acid-enhanced mri in transplantation candidates. **European radiology** 2020;30:4762-4771

**Jeon SK**, Lee JM, Joo I, Yoon JH, Lee DH, Han JK. Two-dimensional shear wave elastography with propagation maps for the assessment of liver fibrosis and clinically significant portal hypertension in patients with chronic liver disease: A prospective study. **Academic radiology** 2020;27:798-806

**Jeon SK**, Lee JY, Han JK. Superb microvascular imaging technology of ultrasound examinations for the evaluation of tumor vascularity in hepatic hemangiomas. **Ultrasonography**. 2021 Oct;40(4):538-545. doi: 10.14366/usg.20177.

**Jeon SK**, Lee JM, Joo I. Clinical feasibility of quantitative ultrasound imaging for suspected hepatic steatosis: Intra- and inter-examiner reliability and correlation with controlled attenuation parameter. **Ultrasound in medicine & biology** 2021;47:438-445

**Jeon SK**, Joo I, Bae JS, Park SJ, Lee JM. LI-RADS v2018: how to appropriately use ancillary features in category adjustment from intermediate probability of malignancy (LR-3) to probably HCC (LR-4) on gadoteric acid-enhanced MRI. **Eur Radiol**. 2021 Jun 16. doi: 10.1007/s00330-021-08116-0.

**Jeon SK**, Lee DH, Park J, Suh KS, Yi NJ, Hong SK, Han JK. Tumor volume measured using MR volumetry as a predictor of prognosis after surgical resection of single hepatocellular carcinoma. **Eur J Radiol**. 2021 Sep 20;144:109962.

**Jeon SK**, Joo I, Kim SY, Jang JK, Park J, Park HS et al. Quantitative ultrasound radiofrequency data analysis for the assessment of hepatic steatosis using the controlled attenuation parameter as a reference standard. **Ultrasonography** (Seoul, Korea) 2021;40:136-146

**Jeon SK**, Lee JM, Joo I, Park SJ. Quantitative ultrasound radiofrequency data analysis for the assessment of hepatic steatosis in nonalcoholic fatty liver disease using magnetic resonance imaging proton density fat fraction as the reference standard. **Korean J Radiol**. 2021 Jul;22(7):1077-1086.

**Jeon SK**, Lee JM, Joo I, Yoon JH. Assessment of the inter-platform reproducibility of ultrasound attenuation examination in nonalcoholic fatty liver disease. **Ultrasonography**. 2022;41(2):355-364

**Jeon SK**, Lee JY, Kang HJ, Han JK. Additional value of superb microvascular imaging of ultrasound examinations to evaluate focal liver lesions. **Eur J Radiol**. 2022 Jul;152:110332. doi: 10.1016/j.ejrad.2022.110332. Epub 2022 Apr 29

**Jeon SK**, Lee JM, Joo I, Yoon JH, Lee G. Two-dimensional convolutional neural network using quantitative US for noninvasive assessment of hepatic steatosis in NAFLD. **Radiology**. 2023 Apr;307(1):e22510