

Seoul International Digestive Disease Symposium 2025

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SIDDS 2025

Frontiers in Digestive Research and Practice

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Major Field	Radiology, Abominal imaging

Educational Background	
03/2004 - 02/2010	Bachelor of Medicine (M.D. degree) Ewha Womans University, Seoul, Korea
03/2012 - 02/2014	Master degree of Medicine Ewha Womans University, Seoul, Korea
03/2014 - 02/2018	Ph.D Radiology Ewha Womans University, Seoul, Korea

Professional Experience	
03/2010 - 02/2011	Rotating internship Samsung Medical Center, Seoul, Korea
03/2011 - 02/2015	Radiology Residency Ewha Womans University Mokdong Hospital, Seoul, Korea
03/2015 - 02/2017	Fellowship Asan Medical Center, Seoul, Korea Abdominal radiology, Department of Radiology
08/2016- 08/2016	Short-term observership Toronto General Hospital, Toronto, Canada Medical Imaging
03/2017 - 08/2019	Clinical assistant professor Ewha Womans University Mokdong Hospital, Seoul, Korea, Abdominal radiology, Department of Radiology
09/2019 - 08/2024	Assistant professor Ewha Womans University Mokdong Hospital, Seoul, Korea, Abdominal radiology, Department of Radiology
09/2024 - Current	Associate professor Ewha Womans University Mokdong Hospital, Seoul, Korea, Abdominal radiology, Department of Radiology

Main Scientific Publications	
1.	Kim JS , Lee SM, Cha ES, et al. The diagnostic sensitivity of dynamic contrast-enhanced magnetic resonance imaging and breast-specific gamma imaging in women with calcified and non-calcified DCIS. <i>Acta Radiol</i> 2014 Jul;55(6):668-75.
2.	Kim JS, Shim SS, Kim Y, et al. Chest CT findings of pleural tuberculosis: differential diagnosis of pleural tuberculosis and malignant pleural dissemination. <i>Acta Radiol</i> . 2014 Nov;55(9):1063-8.
3.	Kim JS, Lee JK, Kim Y, et al. US characteristics for the prediction of neoplasm in gallbladder polyps 10 mm or larger. <i>Eur Radiol</i> . 2016 Apr;26(4):1134-40.



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Main Scientific Publications

4. Kim JS, Kwon JH, Kim KW, et al. CT Features of Primary Graft Nonfunction after Liver Transplantation. *Radiology*. 2016 Nov; 281(2):465-473.
5. Kim JS, Kim HJ, Park SH, et al. Computed tomography features and predictive findings of ruptured gastrointestinal stromal tumours. *Eur Radiol*. 2017 Jun;27(6):2583-2590.
6. Kim JS, Jang HY (co-first), Park SH, et al. MR Enterography Assessment of Bowel Inflammation Severity in Crohn Disease Using the MR index of Activity Score: Modifying Roles of DWI and Effects of Contrast Phases. *AJR Am J Roentgenol*. 2017 May;208(5):1022-1029.
7. Hwang J, Kim JS (co-first), Kim AY, et al. Cryptogenic multifocal ulcerous stenosing enteritis: Radiologic features and clinical behavior. *World J Gastroenterol*. 2017 Jul 7;23(25):4615-4623.
8. Kim JS, Won HJ, Lee SJ, et al. Utility and Safety of Repeated Ultrasound-Guided Core Needle Biopsy of Focal Liver Masses. *J Ultrasound Med*. 2018 Feb;37(2):447-452.
9. Kim JS, Park SH, Hansel S, et al. Imaging and Screening of Cancer of the Small Bowel. *Radiol Clin North Am*. Review, 2017 Nov;55(6):1273-1291
10. Kim JS, Kim HJ, Hong SM, et al. Post-Ischemic Bowel Stricture: CT Features in Eight Cases. *Korean J Radiol*. 2017 Nov-Dec;18(6):936-945.
11. Kim JS, Kwon JH, Kim KW, et al. Low Graft Attenuation at Unenhanced CT: Association with 1-Month Mortality or Graft Failure after Liver Transplantation. *Radiology*. 2018 Apr;287(1):167-175.
12. Kim JS, Ko Y, Kwon H, Kim M, Lee JK. Impact of Energy and Access Methods on Extrahepatic Tumor Spreading and the Ablation Zone: An Ex vivo Experiment Using a Subcapsular Tumor Model. *Korean J Radiol*. 2019 Apr;20(4):580-588.
13. Kim JS, Kim KW, Choi SH, Jeong SY, Kwon JH, Song GW, Lee SG. Hepatic Artery Occlusion after Liver Transplantation in Patients with Doppler Ultrasound Abnormality: Increasing Sensitivity of Contrast-Enhanced Ultrasound Diagnosis. *Korean J Radiol*. 2019 Mar;20(3):459-468.
14. Kim JS, Kim KW, Lee J, Kwon HJ, Song GW, Lee SG. Diagnostic Performance for Hepatic Artery Occlusion After Liver Transplantation: Computed Tomography Angiography Versus Contrast-Enhanced Ultrasound. *Liver Transpl*. 2019 Nov;25(11):1651-1660.
15. Kim JS, Lee JK, Baek SY, Yun HI. Diagnostic performance of a minimized protocol of non-contrast MRI for hepatocellular carcinoma surveillance. *Abdom Radiol (NY)*. 2020 Jan;45(1):211-219.
16. Sheen H, Kim JS (Correspondence), Lee JK, et al. A radiomics nomogram for predicting transcatheter arterial chemoembolization refractoriness of hepatocellular carcinoma without extrahepatic metastasis or macrovascular invasion. *Abdom Radiol (NY)*. 2021 Jun;46(6):2839-2849.
17. Jang SY, Kim JS (Correspondence), Baek SY, et al. Proposed nomogram predicting neoplastic ampullary obstruction in patients with a suspected ampulla of Vater lesion on CT. *Abdom Radiol (NY)*. 2021 Jul;46(7):3128-3138.
18. Choi ES, Kim JS (Correspondence), Nickel MD, et al. Free-breathing contrast-enhanced multiphase MRI of the liver in patients with a high risk of breath-holding failure: comparison of compressed sensing-accelerated radial and Cartesian acquisition techniques. *Acta Radiol*. 2022 Nov;63(11):1453-1462.



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Main Scientific Publications

19. Kim JS, Kim DW, Kim KW, et al. Improving the Specificity of CT Angiography for the Diagnosis of Hepatic Artery Occlusion after Liver Transplantation in Suspected Patients with Doppler Ultrasound Abnormalities. *Korean J Radiol* 2022 Jan;23(1):52-59
20. Choi ES, Kim JS (Correspondence), Lee JK, et al. Prospective evaluation of low-dose multiphase hepatic computed tomography for detecting and characterizing hepatocellular carcinoma in patients with chronic liver disease. *BMC Med Imaging* 2022 Dec 17;22(1):219.
21. Lee HJ, Kim JS (Correspondence), Lee JK, et al. Ultra-low-dose hepatic multiphase CT using deep learning-based image reconstruction algorithm focused on arterial phase in chronic liver disease: A non-inferiority study. *Eur J Radiol.* 2023 Feb;159:110659
22. Lim Y, Kim JS (Correspondence), Lee HJ, et al. Image Quality and Lesion Detectability of Low-Concentration Iodine Contrast and Low Radiation Hepatic Multiphase CT Using a Deep-Learning-Based Contrast-Boosting Model in Chronic Liver Disease Patients. *Diagnostics (Basel)* 2024 Oct 17;14(20):2308.
23. Jang JK, Jang HJ, Kim JS, et al. Focal fat deposition in the liver: diagnostic challenges on imaging. Review, *Abdominal Radiol (NY)*. 2017 Jun;42(6):1667-1678.
24. KSAR Study Group for Rectal Cancer. Essential Items for Structure Reporting of Rectal Cancer MRI: 2016 Consensus Recommendation from the Korean Society of Abdominal Radiology. Review, *Korean J Radiol.* 2017 Jan-Feb;18(1):132-151.
25. Choi SH, Kim KW, Kim SY, Kim JS, et al. Computed tomography findings in ABO-incompatible living donor liver transplantation recipients with biliary strictures. *Eur Radiol.* 2018 Jun;28(6):2572-2581.
26. Jang HY, Kim KW, Kim SY, Kim JS, et al. Visibility of the graft hepatic artery using superb microvascular imaging in liver transplantation recipients: initial experience. *Acta Radiol.* 2018 Nov;59(11):1326-1335.
27. Jeong SY, Kim KW, Kim JS, et al. Doppler ultrasonography in liver transplant recipients with hepatic artery dissection: association of Doppler abnormalities with disease severity. *Br J Radiol.* 2018 Jul;91(1088):20180182.
28. Choe AR, Ryu DY, Kim HW, Lee HA, Lim JY, Kim JS, et al. Noninvasive indices for predicting nonalcoholic fatty liver disease in patients with chronic kidney disease. *BMC nephrology.* (2020) 21:50
29. Lee HJ, Kim JS, Mun YC, et al. Ultrasound-guided percutaneous core needle biopsy of abdominal subcutaneous fat for diagnosing amyloidosis: comparison with bone marrow biopsy *Acta Radiol.* 2023 May;64(5):1770-1774.
30. Lee HJ, Cho SB, Lee JK, Kim JS, et al. The feasibility of MR elastography with transpelvic vibration for localization of focal prostate lesion. *Scientific Reports |* (2024) 14:3864
31. Kim HS, Kang MJ, Kang J.... Kim JS, et al. Practice guidelines for managing extrahepatic biliary tract cancers. *Ann Hepatobiliary Pancreat Surg.* 2024 May 31; 28(2): 161–202.
32. Lee HJ, Oh CH, Kim JS, Lee JK. Effect of Microwave Ablation Power and Antenna Approach on Tumor Seeding: An Ex Vivo Subcapsular Tumor Model Study. *Korean J Radiol.* 2024 Nov;25(11):1003-1010.