



# Seoul International Digestive Disease Symposium 2024

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*"Pioneering the future of digestive diseases"*



SIDDS 2024

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<b>Country</b>	Republic of Korea
<b>Major Field</b>	Radiation Oncology, Radiation Therapy, Hepatocellular Carcinoma

## Educational Background

1999-2005, M.D., Kyung Hee University School of Medicine, Seoul, Korea

2010-2012, M.S., University of Ulsan College of Medicine, Seoul, Korea

2013-2015, Ph.D., University of Ulsan College of Medicine, Seoul, Korea

## Professional Experience

2008-2009, Internship, Asan Medical Center, Seoul, Korea

2009-2013, Residency, Department of Radiation Oncology, Asan Medical Center

2013-2014, Fellow, Department of Radiation Oncology, Asan Medical Center

2014-2015, Fellow, Department of Radiation Oncology, Kyung Hee University Medical Center, Kyung Hee University School of Medicine

2015-2017, Clinical Assistant Professor, Department of Radiation Oncology, Kyung Hee University Medical Center, Kyung Hee University School of Medicine

2017-2020, Clinical Assistant Professor, Department of Radiation Oncology, Asan Medical Center, University of Ulsan College of Medicine

2020-present, Associate Professor, Department of Radiation Oncology, Asan Medical Center, University of Ulsan College of Medicine

## Main Scientific Publications

1. Yu JI, Park HC, Shin H, Park H, Shin SW, Cho SK, Hyun D, Shin J, Goh MJ, Choi MS, Park B, Yoon SM, Jung J: External validation of subclassification system and progression pattern analysis in hepatocellular carcinoma with macroscopic vascular invasion. *Radiother Oncol* 2023, 187:109841.

2. Jin S, Choi WM, Shim JH, Lee D, Kim KM, Lim YS, Lee HC, Jung J, Yoon SM, Choi J: Subclassification of advanced-stage hepatocellular carcinoma with macrovascular invasion: combined transarterial chemoembolization and radiotherapy as an alternative first-line treatment. *J Liver Cancer* 2023, 23(1):177-188.

3. Jung J, Joo JH, Kim SY, Kim JH, Choi J, Lee D, Shim JH, Kim KM, Lim YS, Lee HC, Park JH, Yoon SM: Radiologic Response as a Prognostic Factor in Advanced Hepatocellular Carcinoma with Macroscopic Vascular Invasion after Transarterial Chemoembolization and Radiotherapy. *Liver Cancer* 2022, 11(2):152-161

4. Lee S, Jung J, Park JH, Kim SY, Choi J, Lee D, Shim JH, Kim KM, Lim YS, Lee HC, Park HH, Kim JH, Yoon SM: Stereotactic body radiation therapy as a salvage treatment for single viable hepatocellular carcinoma at the site of incomplete transarterial chemoembolization: a retrospective analysis of 302 patients. *BMC cancer* 2022, 22(1):175.

5. Lee SU, Yoon SM, Cheng JC, Kim TH, Kim BH, Park JH, Jung J, Tsai CL, Chiang Y, Park JW: Multi-Institutional Retrospective Study of Radiotherapy for Hepatocellular Carcinoma in the Caudate Lobe. *Front Oncol* 2021, 11:646473.



6. Yoon SM, Kim SY, Lim YS, Kim KM, Shim JH, Lee D, An J, Jung J, Kim JH, Lee HC: Stereotactic body radiation therapy for small ( $\leq 5$  cm) hepatocellular carcinoma not amenable to curative treatment: Results of a single-arm, phase II clinical trial. *Clin Mol Hepatol* 2020, 26(4):506-515.
7. Kim YJ, Jung J, Joo JH, Kim SY, Kim JH, Lim YS, Lee HC, Kim JH, Yoon SM: Combined transarterial chemoembolization and radiotherapy as a first-line treatment for hepatocellular carcinoma with macroscopic vascular invasion: Necessity to subclassify Barcelona Clinic Liver Cancer stage C. *Radiotherapy and Oncology* 2019, 141:95-100.
8. Jung J, Kim H, Yoon SM, Cho B, Kim YJ, Kwak J, Kim JH: Targeting Accuracy of Image-Guided Stereotactic Body Radiation Therapy for Hepatocellular Carcinoma in Real-Life Clinical Practice: In Vivo Assessment Using Hepatic Parenchymal Changes on Gd-EOB-DTPA-Enhanced Magnetic Resonance Images. *International Journal of Radiation Oncology, Biology, Physics* 2018, 102(4):867-874.
9. Jung J, Yoon SM, Cho B, Choi YE, Kwak J, Kim SY, Lee S-w, Ahn SD, Choi EK, Kim JH: Hepatic reaction dose for parenchymal changes on Gd-EOB-DTPA-enhanced magnetic resonance images after stereotactic body radiation therapy for hepatocellular carcinoma. *Journal of Medical Imaging and Radiation Oncology* 2016;60(1):96-101.
10. Kim GA, Shim JH, Yoon SM, Jung J, Kim JH, Ryu MH, Ryoo BY, Kang YK, Lee D, Kim KM, Lim YS, Lee HC, Chung YH, Lee YS. Comparison of Chemoembolization with and without Radiation Therapy and Sorafenib for Advanced Hepatocellular Carcinoma with Portal Vein Tumor Thrombosis: A Propensity Score Analysis. *Journal of Vascular and Interventional Radiology* 2015;26(3):320-9.