

# Curriculum Vitae

## Tae Kyoung Kim, MD, PhD, FRCPC Radiologist

### Biographical Information

#### EDUCATION

##### Degrees

1997 Mar - 1999 Feb	PhD, College of Medicine, Seoul National University, Seoul, Korea
1995 Mar - 1997 Feb	MS, College of Medicine, Seoul National University, Seoul, Korea
1987 Mar - 1991 Feb	MD, College of Medicine, Seoul National University, Seoul, Korea
1985 Mar - 1987 Feb	College of Liberal Arts and Science, Seoul National University, Seoul, Korea

#### Postgraduate, Research and Specialty Training

2003 Jul - 2004 Jun	Clinical Fellowship, Abdominal Imaging, Medical Imaging, University of Toronto, University Health Network, Mount Sinai Hospital, Toronto, Ontario, Canada
1997 Mar - 1998 Feb	Clinical Fellowship, Abdominal Imaging, Radiology, Seoul National University Hospital, Seoul, Korea
1996 Mar - 1997 Feb	Clinical Fellowship, Interventional Radiology, Radiology, Seoul National University Hospital, Seoul, Korea
1992 Mar - 1996 Feb	Residency, Radiology, Radiology, Seoul National University Hospital, Seoul, Korea
1991 Mar - 1992 Feb	Rotating Internship, Seoul National University Hospital, Seoul, Korea

#### Qualifications, Certifications and Licenses

2004 Aug - present	Fellow of The Royal College of Physicians of Canada (FRCPC), Diagnostic Radiology, Royal College of Physicians and Surgeons of Canada, 642899
2003 Jun-present	College of Physicians and Surgeons of Ontario, 79802
1996 Feb - present	Korean Board of Radiology, Radiology, Korean Ministry of Health and Welfare, Korea, 961

#### EMPLOYMENT

##### Current Appointments

2011 Jul – present	Professor, Medical Imaging, University of Toronto, Toronto, Ontario, Canada
2004 Jul – 2011 June	Associate Professor, Medical Imaging, University of Toronto, Toronto, Ontario, Canada
2004 Jul - present	Radiologist, Division of Abdominal Imaging, Joint Department of Medical Imaging, University Health Network, Mount Sinai Hospital, and Women's College Hospital, Toronto, Ontario, Canada

##### Previous Appointments

###### UNIVERSITY

2002 Apr - 2003 Nov	Assistant Professor of Radiology, Asan Medical Center, University of Ulsan, Seoul, Korea
2000 Mar - 2002 Mar	Instructor of Radiology, Asan Medical Center, University of Ulsan, Seoul, Korea
1998 Mar - 2000 Feb	Clinical Instructor of Radiology, Seoul National University Hospital, Seoul, Korea

## PROFESSIONAL AFFILIATIONS AND ACTIVITIES

### Professional Associations

2007 - present	<b>Member</b> , European Society of Radiology (ESR)
2007 - present	<b>Member</b> , International Liver Cancer Association (ILCA)
2005 - present	<b>Member</b> , American Roentgen Ray Society (ARRS)
2005 - present	<b>Member</b> , European Society of Gastrointestinal and Abdominal Radiology (ESGAR)
2005 - present	<b>Member</b> , Society of Abdominal Radiologists (SAR)
2004 - present	<b>Member</b> , Ontario Association of Radiologists (OAR)
2004 - present	<b>Member</b> , Canadian Association of Radiologists (CAR)
1997 - present	<b>Member</b> , Radiological Society of North America (RSNA)
1996 - present	<b>Member</b> , Korean Radiological Society
1996 - present	<b>Member</b> , Korean Society of Abdominal Radiology
1996 - present	<b>Member</b> , Korean Society of Medical Ultrasound

### Peer Review Activities

#### MANUSCRIPT REVIEWS

##### Reviewer

2013 – present	Abdominal Imaging
2013 – present	Ultrasonography
2009 - present	Journal of Hepatology
2009 - present	American Journal of Roentgenology
2009 - present	Canadian Association of Radiologists Journal
2009 - present	Journal of Ultrasound in Medicine
2008 - present	Liver Transplantation
2007 - present	Liver International
2005 - present	Radiology
2005 - present	Journal of Magnetic Resonance Imaging
2001 - present	European Radiology
2001 - present	Korean Journal of Radiology
1999 - 2003	Journal of Korean Radiological Society

##### Editorial Board

2013 - present	Ultrasonography
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#### GRANT REVIEWS

2016 - present	Canadian Institutes of Health Research (CIHR)
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## PEER-REVIEWED PUBLICATIONS

### Journal Articles

1. Rogalla P, Cadour F, **Kim TK**. Pancreatic Adenocarcinoma Resectability Assessment: Could a Visual Aid Tool Save Both Patients and Radiology Residents? *Can Assoc Radiol J*. 2024 Feb 9;8465371241230905. doi: 10.1177/08465371241230905. Epub ahead of print. PMID: 38334028.
2. Zafar S, Elbanna KY, Todd AWM, Guimaraes L, O'Brien C, Goel A, **Kim TK**, Khalili K. Can absolute arterial phase hyperenhancement improve sensitivity of detection of hepatocellular carcinoma in indeterminate nodules on CT? *Eur Radiol*. 2023 Sep 30. doi: 10.1007/s00330-023-10237-7. Epub ahead of print. PMID: 37775590.

3. **Kim TK.** Contrast-enhanced US Incorporating Kupffer-Phase Findings for the Diagnosis of Hepatocellular Carcinoma. *Radiology*. 2023 Aug;308(2):e231494. doi: 10.1148/radiol.231494. PMID: 37642565.
4. Kowa JY, **Kim TK**, Khalili K, Elbanna KY. Patterns of Relapse and Complications of Immunoglobulin G4-Related Disease. *J Clin Rheumatol*. 2023 May 9. doi: 10.1097/RHU.0000000000001975. Epub ahead of print. PMID: 37157124.
5. Elbanna KY, Jang HJ, **Kim TK**. Imaging for Screening/Surveillance of Pancreatic Cancer: A Glimpse of Hope. *Korean J Radiol*. 2023 Apr;24(4):271-273. doi: 10.3348/kjr.2022.1035. Epub 2023 Mar 7. PMID: 36907596; PMCID: PMC10067696.
6. Lee CL, Holter S, Borgida A, Dodd A, Ramotar S, Grant R, Wasson K, Elimova E, Jang RW, Moore M, **Kim TK**, Khalili K, Moulton CA, Gallinger S, O'Kane GM, Knox JJ. Germline BRCA2 variants in advanced pancreatic acinar cell carcinoma: A case report and review of literature. *World J Gastroenterol*. 2022 Dec 7;28(45):6421-6432. doi: 10.3748/wjg.v28.i45.6421. PMID: 36533108; PMCID: PMC9753052.
7. **Kim TK.** Editorial Comment: Differentiating Hepatic Adenomas From Focal Nodular Hyperplasias With Gadoteric Acid-Enhanced MRI-More Complicated Than Thought. *AJR Am J Roentgenol*. 2023 Jan;220(1):39. doi: 10.2214/AJR.22.28384. Epub 2022 Aug 17. PMID: 35975890.
8. Atri M, Jang HJ, **Kim TK**, Khalili K. Contrast-enhanced US of the Liver and Kidney: A Problem-solving Modality. *Radiology*. 2022 Apr;303(1):11-25. doi: 10.1148/radiol.211347. Epub 2022 Feb 22. PMID: 35191740.
9. Chruscinski A, Juvet S, Moshkelgoshia S, Renner E, Lilly L, Selzner N, Bredeson C, Grant D, Adeyi O, Fischer S, Demetris AJ, Zhang J, Epstein M, Macarthur M, Clement AM, Khalili K, Allan D, Altouri S, Bence-Bruckler I, Cattral M, Fulcher J, Galvin Z, Ghanekar A, Greig P, Huebsch L, Humar A, Kew A, Kekre N, **Kim TK**, McDiarmid S, Martin L, McGilvray I, Sabloff M, Sapisochin G, Selzner M, Smith R, Tinckam K, Yi TJ, Levy G, Atkins H. Autologous Hematopoietic Stem Cell Transplantation for Liver Transplant Recipients With Recurrent Primary Sclerosing Cholangitis: A Pilot Study. *Transplantation*. 2022 Mar 1;106(3):562-574. doi: 10.1097/TP.0000000000003829. PMID: 34049362.
10. Elbanna KY, Jang HJ, **Kim TK**, Khalili K, Guimarões LS, Atri M. The added value of contrast-enhanced ultrasound in evaluation of indeterminate small solid renal masses and risk stratification of cystic renal lesions. *Eur Radiol*. 2021 Nov;31(11):8468-8477. doi: 10.1007/s00330-021-07964-0. Epub 2021 Apr 29. PMID: 33912992.
11. Makoyeva A, **Kim TK**, Jang HJ, Medellin A, Wilson SR. Use of CEUS LI-RADS for the Accurate Diagnosis of Nodules in Patients at Risk for Hepatocellular Carcinoma: A Validation Study. *Radiol Imaging Cancer*. 2020 Mar 27;2(2):e190014. doi: 10.1148/rycan.2020190014. PMID: 33778701; PMCID: PMC7983739.
12. Khalili K, Atri M, **Kim TK**, Jang HJ. Recognizing the role of the reticuloendothelial system in the late phase of US contrast agents. *Radiology*. 2021 Feb;298(2):287-291. doi: 10.1148/radiol.2020203245.
13. Munoz-Schuffenegger P, Barry A, Atenafu EG, Kim J, Brierley J, Ringash J, Brade A, Dinniwell R, Wong RKS, Cho C, **Kim TK**, Sapisochin G, Dawson LA. Stereotactic body radiation therapy for hepatocellular carcinoma with macrovascular invasion. *Radiother Oncol*. 2020 Dec 5;156:120-126. doi: 10.1016/j.radonc.2020.11.033.
14. Mastrocostas K, Fischer S, Munoz-Schuffenegger P, Jang HJ, Dawson LA, Liu ZA, Sapisochin G, **Kim TK**. Radiological tumor response and histopathological correlation of hepatocellular carcinoma treated with stereotactic body radiation therapy as a bridge to liver transplantation. *Abdom Radiol (NY)*. 2020 Oct 19. doi: 10.1007/s00261-020-02821-y.
15. Khalili K, Lawlor RL, Pourafkari M, Lu H, Tyrrell P, **Kim TK**, Jang HJ, Johnson SA, Martel AL. Convolutional neural networks versus radiologists in characterization of small hypoattenuating hepatic nodules on CT: a critical diagnostic challenge in staging of colorectal carcinoma. *Sci Rep*. 2020 Sep 17;10(1):15248. doi: 10.1038/s41598-020-71364-5.
16. **Kim TK**, Jang HJ. Emerging evidence of the utility of perfluorobutane-enhanced US as a diagnostic test for hepatocellular carcinoma. *Radiology*. 2020 Oct;297(1):117-119. doi: 10.1148/radiol.2020202763.
17. Bavi EA, Yang HK, Doyle MG, **Kim TK**, Karur G, Bhagra C, Bhagra S, Oechslin E, Ross H, Roche SL, Gonzalez RA, Amon CH, Mertens L, Wald RM. Cardiovascular and abdominal flow alterations in adults with morphologic evidence of liver disease post Fontan palliation. *Int J Cardiol*. 2020 May 26;S0167-5273(19)36270-9. doi: 10.1016/j.ijcard.2020.05.064.

18. Elbanna KY, Jang HJ, **Kim TK**. Imaging diagnosis and staging of pancreatic ductal adenocarcinoma: a comprehensive review. *Insights Imaging*. 2020 Apr 25;11(1):58. doi: 10.1186/s13244-020-00861-y.
19. Wang DC, Jang HJ, **Kim TK**. Characterization of indeterminate liver lesions on CT and MRI with contrast-enhanced ultrasound: What is the evidence? *AJR Am J Roentgenol*. 2020 Jun;214(6):1295-1304. doi: 10.2214/AJR.19.21498.
20. Kono Y, Sirlin CB, Fetzer DT, **Kim TK**, Rodgers SK, Piscaglia F, Lyshchik A, Dietrich CF, Wilson SR. Time to clarify common misconceptions about the liver imaging reporting and data system for contrast-enhanced US. *Radiology*. 2020 Apr;295(1):245-247. doi: 10.1148/radiol.2020192557.
21. Lukovic J, Henke L, Gani C, **Kim TK**, Stanescu T, Hosni A, Lindsay P, Erickson B, Khor R, Eccles C, Boon C, Donker M, Jagavkar R, Nowee ME, Hall WA, Parikh P, Dawson LA. MRI-Based Upper Abdominal Organs-at-Risk Atlas for Radiation Oncology. *Int J Radiat Oncol Biol Phys*. 2020 Jan 14. pii: S0360-3016(19)34477-3. doi: 10.1016/j.ijrobp.2019.12.003. [Epub ahead of print]
22. Atri M, Alrashed A, Hassan A, Khalili K, **Kim TK**, Jang HJ. Negative Predictive Value of Contrast-Enhanced Ultrasound of Liver and Kidney Thermal Ablation Sites for Local Tumour Progression During Long-term Follow-up: A Retrospective Consecutive Study. *Can Assoc Radiol J*. 2019 Nov;70(4):434-440. doi: 10.1016/j.carj.2019.06.011. Epub 2019 Oct 2.
23. Chan A, Sertic M, Sammon J, **Kim TK**, Jang HJ, Guimaraes L, O'Malley M, Khalili K. Diagnostic imaging of hepatocellular carcinoma at community hospitals and their tertiary referral center in the era of LI-RADS: a quality assessment study. *Abdom Radiol (NY)*. 2019 Dec;44(12):4028-4036.
24. Luther RA, Wang D, **Kim TK**, Khalili K, Gold WL. Crawling Into View. *Clin Infect Dis*. 2019 Aug 30;69(6):1079-1081.
25. Yang HK, Jang HJ, Khalili K, Wald RM, Yoo SJ, **Kim TK**. CT and MR imaging findings of the livers in adults with Fontan palliation: an observational study. *Abdom Radiol (NY)*. 2020 Jan;45(1):188-202.
26. Yang HK, Burns PN, Jang HJ, Kono Y, Khalili K, Wilson SR, **Kim TK**. Contrast-enhanced ultrasound approach to the diagnosis of focal liver lesions: the importance of washout. *Ultrasonography*. 2019 Oct;38(4):289-301.
27. Caro-Dominguez P, Chaturvedi R, Chavhan G, Ling SC, Yim D, Porayette P, Lam CZ, **Kim TK**, Seed M, Grosse-Wortmann L, Yoo SJ. Magnetic Resonance Imaging Assessment of Blood Flow Distribution in Fenestrated and Completed Fontan Circulation with Special Emphasis on Abdominal Blood Flow. *Korean J Radiol*. 2019 Jul;20(7):1186-1194.
28. Mastrocostas K, Jang HJ, Fischer S, Dawson LA, Munoz-Schuffenegger P, Sapisochin G, **Kim TK**. Imaging post-stereotactic body radiation therapy responses for hepatocellular carcinoma: typical imaging patterns and pitfalls. *Abdom Radiol (NY)*. 2019 May;44(5):1795-1807. doi: 10.1007/s00261-019-01901-y.
29. Simkin P, Rattansingh A, Liu K, Hudson JM, Atri M, Jang HJ, **Kim TK**, Khalili K. Reproducibility of 2 Liver 2-Dimensional Shear Wave Elastographic Techniques in the Fasting and Postprandial States. *J Ultrasound Med*. 2019 Jul;38(7):1739-1745. doi: 10.1002/jum.14862.
30. Dietrich CF, Tannapfel A, Jang HJ, **Kim TK**, Burns PN, Dong Y. Ultrasound Imaging of Hepatocellular Adenoma Using the New Histology Classification. *Ultrasound Med Biol*. 2019 Jan;45(1):1-10. doi: 10.1016/j.ultrasmedbio.2018.06.015.
31. Liu X, Jang HJ, Khalili K, **Kim TK**, Atri M. Successful Integration of Contrast-enhanced US into Routine Abdominal Imaging. *Radiographics*. 2018 Sep-Oct;38(5):1454-1477. doi: 10.1148/rg.2018170152.
32. Alrashed A, Ahmad H, Khalili K, **Kim TK**, Jang HJ, Atri M. Negative Predictive Value of Contrast-Enhanced Ultrasound in Differentiating Avascular Solid-Appearing From Vascularized Masses: A Retrospective Consecutive Study. *J Ultrasound Med*. 2018 Dec;37(12):2935-2942. doi: 10.1002/jum.14659.
33. Kim TH, Yang HK, Jang HJ, Yoo SJ, Khalili K, **Kim TK**. Abdominal imaging findings in adult patients with Fontan circulation. *Insights Imaging*. 2018 Jun;9(3):357-367. doi: 10.1007/s13244-018-0609-2.

34. Dietrich CF, Averkiou M, Nielsen MB, Barr RG, Burns PN, Calliada F, Cantisani V, Choi B, Chammas MC, Clevert DA, Claudon M, Correas JM, Cui XW, Cosgrove D, D'Onofrio M, Dong Y, Eisenbrey J, Fontanilla T, Gilja OH, Ignee A, Jenssen C, Kono Y, Kudo M, Lassau N, Lyschik A, Franca Meloni M, Moriyasu F, Nolsøe C, Piscaglia F, Radzina M, Saftoiu A, Sidhu PS, Sporea I, Schreiber-Dietrich D, Sirlin CB, Stanczak M, Weskott HP, Wilson SR, Willmann JK, **Kim TK**, Jang HJ, Vezeridis A, Westerway S. How to perform contrast-enhanced ultrasound (CEUS). *Ultrasound Int Open*. 2018 Jan;4(1):E2-E15. doi: 10.1055/s-0043-123931. Review.
35. Lyschik A, Kono Y, Dietrich CF, Jang HJ, **Kim TK**, Piscaglia F, Vezeridis A, Willmann JK, Wilson SR. Contrast-enhanced ultrasound of the liver: technical and lexicon recommendations from the ACR CEUS LI-RADS working group. *Abdom Radiol (NY)*. 2018 Apr;43(4):861-879. doi: 10.1007/s00261-017-1392-0
36. Lee JJ, Schindera ST, Jang HJ, Fung S, **Kim TK**. Cholangiocarcinoma and its mimickers in primary sclerosing cholangitis (review). *Abdom Radiol (NY)*. 2017 Dec;42(12):2898-2908. doi: 10.1007/s00261-017-1328-8.
37. **Kim TK**, Noh SY, Wilson SR, Kono Y, Piscaglia F, Jang HJ, Lyschik A, Dietrich CF, Willmann JK, Vezeridis A, Sirlin CB. Contrast-enhanced ultrasound (CEUS) liver imaging reporting and data system (LI-RADS) 2017 - a review of important differences compared to the CT/MRI system (review). *Clin Mol Hepatol*. 2017 Dec;23(4):280-289. doi: 10.3350/cmh.2017.0037.
38. Wilson SR, Lyschik A, Piscaglia F, Cosgrove D, Jang HJ, Sirlin C, Dietrich CF, **Kim TK**, Willmann JK, Kono Y. CEUS LI-RADS: algorithm, implementation, and key differences from CT/MRI (review). *Abdom Radiol (NY)*. 2018 Jan;43(1):127-142. doi: 10.1007/s00261-017-1250-0.
39. Piscaglia F, Wilson SR, Lyschik A, Cosgrove D, Dietrich CF, Jang HJ, **Kim TK**, Salvatore V, Willmann JK, Sirlin CB, Kono Y. American College of Radiology Contrast Enhanced Ultrasound Liver Imaging Reporting and Data System (CEUS LI-RADS) for the diagnosis of Hepatocellular Carcinoma: a pictorial essay (review). *Ultraschall Med*. 2017 Jun;38(3):320-324. doi: 10.1055/s-0042-124661.
40. Kono Y, Lyschik A, Cosgrove D, Dietrich CF, Jang HJ, **Kim TK**, Piscaglia F, Willmann JK, Wilson SR, Santillan C, Kambadakone A, Mitchell D, Vezeridis A, Sirlin CB. Contrast Enhanced Ultrasound (CEUS) Liver Imaging Reporting and Data System (LI-RADS®): the official version by the American College of Radiology (ACR) (letter). *Ultraschall Med*. 2017 Jan;38(1):85-86.
41. Jang JK, Jang HJ, Kim JS, **Kim TK**. Focal fat deposition in the liver: diagnostic challenges on imaging (review). *Abdom Radiol (NY)*. 2017 Jun;42(6):1667-1678.
42. Jo P, Jang HJ, **Kim TK**, Burns PN, Wilson SR. Contrast enhanced ultrasound in the evaluation of nodules in a cirrhotic liver: The unrecognized benefit. Review - How I Do It (review). *Radiology*. 2017;282(2): 317-331
43. Lo GM, Al Zahrani H, Jang HJ, Menezes R, Hudson J, Burns P, McNamara MG, Kandel S, Khalili K, Knox J, Rogalla P, **Kim TK**. Detection of early tumor response to axitinib in advanced hepatocellular carcinoma by dynamic contrast enhanced ultrasound. *Ultrasound Med Biol (original research)*. 2016;42(6):1303-11.
44. **Kim TK**, Lee E, Jang HJ. Imaging findings of mimickers of hepatocellular carcinoma (review). *Clin Mol Hepatology*. 2015;21(4):326-43
45. **Kim TK**, Khalili K, Jang HJ. Local ablation therapy with contrast-enhanced ultrasonography for hepatocellular carcinoma: a practical review (review). *Ultrasonography*. 2015 Oct;34(4):235-45.
46. Choi BI, Lee JM, **Kim TK**, Burgio MD, Vilgrain V. Diagnosing borderline hepatic nodules in hepatocarcinogenesis: Imaging performance (review). *AJR Am J Roentgenol*. 2015 Jul;205(1):10-21.
47. Jang HJ, **Kim TK**, Burns PN, Wilson SR. CEUS: An essential component in a multimodality approach to small nodules in patients at high-risk for hepatocellular carcinoma (review). *Eur J Radiol*. 2015 Sep;84(9):1623-35
48. Khalili K, Menezes R, **Kim TK**, Kochak Yazdi L, Jang HJ, Sharma S, Feld J, Sherman M. The effectiveness of ultrasound surveillance for hepatocellular carcinoma in a Canadian centre and determinants of its success (original research). *Can J Gastroenterol Hepatol*. 2015 Jun-Jul;29(5):267-73.
49. McNamara MG, Le LW, Horgan AM, Aspinall A, Burak KW, Dhani N, Chen E, Sinaei M, Lo G, **Kim TK**, Rogalla P, Bathe OF, Knox JJ. A Phase II trial of second-line axitinib following prior antiangiogenic therapy in advanced hepatocellular carcinoma (original research). *Ultrasound Med Biol*. 2016 Jun;42(6):1303-11. doi: 10.1016/j.ultrasmedbio.2016.01.025. Epub 2016 Mar 28.

50. Shao T, Wang L, Templeton AJ, Jang R, Vera-Badillo FW, McNamara MG, Margolis M, **Kim TK**, Sinaei M, Shoushtari H, Tannock IF. Use and misuse of waterfall plots. *J Natl Cancer Inst.* 2014 Oct 29;106(12).
51. Khalili K, Menezes R, Yazdi LK, Jang HJ, **Kim TK**, Sharma S, Feld J, Sherman M. Hepatocellular carcinoma in a large Canadian urban centre: stage at treatment and its potential determinants. *Can J Gastroenterol Hepatol.* 2014;28(3):150-4.
52. Al Zahrani H, **Kim TK**, Khalili K, Vlachou P, Yu H, Jang HJ. IgG4-related disease in the abdomen: a great mimicker. *Semin Ultrasound CT MR* 2014;35:240-254.
53. Hong TS, Bosch WR, Krishnan S, **Kim TK**, Mamon HJ, Shyn P, Ben-Josef E, Seong J, Haddock MG, Cheng JC, Feng MU, Stephans KL, Roberge D, Crane C, Dawson LA. Interobserver variability in target definition for hepatocellular carcinoma with and without portal vein thrombus: radiation therapy oncology group consensus guidelines. *Int J Radiat Oncol Biol Phys.* 2014 Jul 15;89(4):804-13.
54. Jabbour SK, Hashem SA, Bosch W, **Kim TK**, Finkelstein SE, Anderson BM, Ben-Josef E, Crane CH, Goodman KA, Haddock MG, Herman JM, Hong TS, Kachnic LA, Mamon HJ, Pantarotto JR, Dawson LA. Upper abdominal normal organ contouring guidelines and atlas: a Radiation Therapy Oncology Group consensus. *Pract Radiat Oncol.* 2014 Mar-Apr;4(2):82-9.
55. Yoo SJ, Prsa M, Schantz D, Grosse-Wortmann L, Seed M, **Kim TK**, Wald R, Chaturvedi R. MR assessment of abdominal circulation in Fontan physiology. *Int J Cardiovasc Imaging.* 2014 Aug;30(6):1065-72.
56. **Kim TK**, Jang HJ. Contrast-enhanced ultrasound in the diagnosis of nodules in liver cirrhosis. *World J Gastroenterol.* 2014 Apr 7;20(13):3590-6.
57. Raza SA, Jang HJ, **Kim TK**. Differentiating malignant from benign thrombosis in hepatocellular carcinoma: contrast-enhanced ultrasound. *Abdom Imaging.* 2014 Feb;39(1):153-61.
58. Patel H, Khalili K, Kim TK, Yazdi L, Lee E, May G, Kortan P, Coltescu C, Hirschfield GM. **IgG4** related disease - a retrospective descriptive study highlighting Canadian experiences in diagnosis and management. *BMC Gastroenterol.* 2013 Dec 9;13:168.
59. Jang HJ, **Kim TK**, Khalili K, Yazdi L, Menezes R, Park SH, Sherman M. Characterization of 1-to 2-cm Liver Nodules Detected on HCC Surveillance Ultrasound According to the Criteria of the American Association for the Study of Liver Disease: Is Quadriphasic CT Necessary? *AJR Am J Roentgenol.* 2013 Aug;201(2):314-21.
60. Schindera ST, Odedra D, Raza SA, **Kim TK**, Jang HJ, Szucs-Farkas Z, Rogalla P. Iterative Reconstruction Algorithm for CT: Can Radiation Dose Be Decreased while Low-Contrast Detectability Is Preserved? *Radiology.* 2013 Nov;269(2):511-8.
61. Vlachou PA, Colak E, Koculym A, Kirpalani A, **Kim TK**, Hirschfield GM, Faughnan ME. Improvement of ischemic cholangiopathy in three patients with hereditary hemorrhagic telangiectasia following treatment with bevacizumab. *J Hepatol.* 2013 Jul;59(1):186-9.
62. Halankar JA, Kim TK, Jang HJ, Khalili K, Haider M. Understanding the natural history of focal nodular hyperplasia in the liver with MRI. *Indian J Radiol Imaging* 2012;22:116-120.
63. Alturkistany S, Jang HJ, Yu H, Lee KH, **Kim TK**. Fading hepatic hemangiomas on multiphasic CT. *Abdom Imaging.* 2012;37:775-780.
64. Khalili K, **Kim TK**, Jang HJ, Yazdi LK, Guindi M, Sherman M. Indeterminate 1-2-cm nodules found on hepatocellular carcinoma surveillance: biopsy for all, some, or none? *Hepatology.* 2011;54:2048-2054.
65. Tang A, **Kim TK**, Heathcote J, Guindi M, Jang HJ, Karshafian R, Burns PN, Wilson SR. Does hepatic vein transit time performed with contrast-enhanced ultrasound predict the severity of hepatic fibrosis? *Ultrasound Med Biol* 2011;37:1963-1969.
66. McSweeney SE, **Kim TK**, Jang HJ, Khalili K. Biliary anatomy in potential right hepatic lobe living donor liver transplantation (LDLT): The utility of CT cholangiography in the setting of inconclusive MRCP. *Eur J Radiol* 2012;81:6-12. (Trainee publication).
67. Vlachou PA, Khalili K, Jang HJ, Fischer S, Hirschfield GM, **Kim TK**. Pancreatic and Extrapancreatic Manifestations of Autoimmune Pancreatitis. *Radiographics* 2011;31:1379-1402. (Trainee publication).

68. Jang HJ, Khalili K, Yu H, **Kim TK**. Perfusion and parenchymal changes related to vascular alterations of the liver. *Abdom Imaging*. 2011;37:404-421.
69. **Kim TK**, Lee KH, Khalili K, Jang HJ. Hepatocellular nodules in liver cirrhosis: contrast-enhanced ultrasound. *Abdom Imaging*. 2011; 36:244-263.
70. **Kim, TK**, Lee KH, Jang HJ, Haider MA, Jacks LM, Menezes RJ, Park SH, Yazdi L, Sherman M, Khalili K. Analysis of multiple imaging findings of gadobenate dimeglumine-enhanced MR imaging for characterizing small (1–2 cm) hepatic nodules in high-risk patients for HCC. *Radiology* 2011; 259:730-738.
71. Khalili K, **Kim TK**, Jang HJ, Haider M, Khan L, Guindi M, Sherman M. Optimization of Imaging Diagnosis of 1-2 cm Hepatocellular Carcinoma: An Analysis of Diagnostic Performance and Resource Utilization. *J Hepatol*. 2011; 54:723-728.
72. Yoon SH, Lee KH, Kim SY, Kim YH, Kim JH, Lee SH, **Kim TK**. Real-time contrast-enhanced ultrasound-guided biopsy of focal hepatic lesions not localised on B-mode ultrasound. *Eur Radiol* 2010; 20:2047-2056.
73. Bhayana D, **Kim TK**, Jang HJ, Wilson SR, Burns PN. Hypervascular Liver Masses on Contrast-enhanced Ultrasound: The Importance of Washout. *AJR Am J Roentgenol*. 2010; 194:977-983. (Trainee publication).
74. Yu H, Jang HJ, **Kim TK**, Khalili K, Williams R, Lueck G, Hudson J, Burns PN. Pseudoenhancement within the local ablation zone of hepatic tumors due to a nonlinear artifact on contrast-enhanced ultrasound. *AJR Am J Roentgenol*. 2010;194:653-659. (Trainee publication).
75. Jang HJ, Yu H, **Kim TK**. Imaging of focal liver lesions. *Semin Roentgenol*. 2009;44:266-282.
76. Jang HJ, **Kim TK**, Wilson SR. Small nodules (1-2 cm) in liver cirrhosis: characterization with contrast-enhanced ultrasound. *Eur J Radiol*. 2009;72:418-424. Number of citations: 5.
77. Lueck GJ, **Kim TK**, Burns PN, Martel AL. Hepatic perfusion imaging using factor analysis of contrast enhanced ultrasound. *IEEE Trans Med Imaging*. 2008;27:1449-1457. Number of citations: 1.
78. Wilson SR, Jang HJ, **Kim TK**, Iijima H, Kamiyama N, Burns PN. Real-time temporal maximum-intensity-projection imaging of hepatic lesions with contrast-enhanced sonography. *AJR Am J Roentgenol*. 2008;190:691-695. Number of citations: 8.
79. **Kim TK**, Jang HJ, Burns PN, Murphy-Lavallee J, Wilson SR. Focal nodular hyperplasia and hepatic adenoma: differentiation with low-mechanical-index contrast-enhanced sonography. *AJR Am J Roentgenol*. 2008;190:58-66 (24).
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192. Park SH, Han JK, **Kim TK**, Lee JW, Kim SH, Kim YI, Choi BI, Yeon KM, Han MC. Unusual gastric tumors: radiologic-pathologic correlation. Radiographics 1999;19:1435-1446. Number of citations: 38.
193. **Kim TK**, Han JK, Kim AY, Choi BI. Limitations of characterization of hepatic hemangiomas using a sonographic contrast agent (Levovist) and power Doppler ultrasonography. J Ultrasound Med 1999;18:737-743. Number of citations: 31.
194. Yun EJ, Choi BI, Han JK, Jang HJ, **Kim TK**, Yeon KM, Han MC. Hepatic hemangioma: contrast-enhancement pattern during the arterial and portal venous phases of spiral CT. Abdom Imaging 1999;24:262-266. Number of citations: 21.
195. Choi BI, Han JK, Hong SH, **Kim TK**, Song CS, Kim KW, Kim MJ, Han MC. Dysplastic nodules of the liver: imaging findings. Abdom Imaging 1999;24:250-257. Number of citations: 35.
196. Lee KW, Im JG, Han JK, **Kim TK**, Park JH, Yeon KM. Tuberculous stenosis of the left main bronchus: results of treatment with balloons and metallic stents. J Vasc Interv Radiol 1999;10:352-358. Number of citations: 35.
197. Han JK, Jang HJ, Choi BI, Kim SH, **Kim TK**, Won HJ, Kim YI, Cho SY. Experimental hepatobiliary fascioliasis in rabbits: a radiology-pathology correlation. Invest Radiol 1999;34:99-108. Number of citations: 12.
198. Choi YH, **Kim TK**, Park BK, Ko YH, Han JK, Choi BI. Dual-Phase Helical CT Using Bolus Triggering Technique: Optimization of Transition Time. J Kor Soc Radiol 1999;41:101-107.
199. Choi JI, **Kim TK**, Han JK, Kim AY, Park SJ, Choi BI. Low Grade MALT Lymphoma of Rectum: A Case Report. J Kor Soc Radiol 1999;41:121-123.
200. Seo JB, Han JK, **Kim TK**, Song CS, Choi BI, Han MC. Focal Hepatic Lesions with Peripheral Eosinophilia: Imaging Features of Various Disease. J Kor Soc Radiol 1999;40:121-130.
201. **Kim TK**. Three-dimensional ultrasound in abdominal imaging. J Kor Soc Ultrasound Med 1999;18:75-80.

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203. Kim AY, Choi BI, **Kim TK**, Lee KH, Han JK. Contrast-enhanced Power Doppler US of Hepatocellular Carcinomas: Quantitative Analysis. *J Kor Soc Ultrasound Med* 1999;18:269-274.
204. **Kim TK**, Im JG, Kim SH, Won HJ, Seo JB, Yeon KM, Han MC. Experimentally induced pulmonary arterial occlusion with detachable balloon in pigs: thin-section CT findings. *Acad Radiol* 1998;5:822-831. Number of citations: 3.
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206. Kim AY, Choi BI, **Kim TK**, Han JK, Yun EJ, Lee KY, Han MC. Hepatocellular carcinoma: power Doppler US with a contrast agent-preliminary results. *Radiology* 1998;209:135-140. Number of citations: 135.
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211. Chung JW, Park JH, Han JK, Choi BI, **Kim TK**, Han MC. Transcatheter oily chemoembolization of the inferior phrenic artery in hepatocellular carcinoma: the safety and potential therapeutic role. *J Vasc Interv Radiol* 1998;9:495-500. Number of citations: 75.
212. Choi BI, **Kim TK**, Han JK. MRI of clonorchiasis and cholangiocarcinoma. *J Magn Reson Imaging* 1998;8:359-366. Number of citations: 17.
213. Seo JB, Chung JW, Park JH, Kim SH, **Kim TK**, Han JK, Choi BI, Han MC. Benign obstruction of the hepatic inferior vena cava complicated by hepatocellular carcinoma: combined interventional management. *Am J Roentgenol* 1998;170:655-659. Number of citations: 3.
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218. Kim AY, Han JK, **Kim TK**, Yun EJ, Lee KY, Choi BI. Percutaneous Ethanol Injection Therapy (PEIT) for Small Hepatocellular Carcinomas (HCCs) : Prognostic Factors Affecting Short-Term Follow-up Results. *J Kor Soc Radiol* 1998;38:1,051-1,057.
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232. Hong SH, Choi BI, Han JK, Kim SJ, Lee HK, **Kim TK**, Han DH. Imaging Findings of Adenomatous Hyperplasia of the Liver. *J Kor Soc Radiol* 1997;36:819-825.
233. Wang MC, Choi BI, Han JK, **Kim TK**, Cho SK. Optimal MR Pulse Sequences for Hepatic Hemangiomas : Comparison of T2-Weighted Turbo-Spin-Echo, T2-Weighted Breath-hold Turbo-Spin-Echo, and T1-Weighted FLASH Dynamic Imaging. *J Kor Soc Radiol* 1997;36:455-462.
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243. Yoon DY, Han JK, Choi BI, Whang DH, **Kim TK**, Han MC. Percutaneous Catheter Drainage of Abdominal Abscesses and Fluid Collections: Outcome in 165 Cases. *J Kor Soc Radiol* 1995;32:269-274.
244. Choi BI, **Kim TK**, Han JK, Hong SH. Percutaneous Ethanol Injection Therapy for Small Hepatocellular Carcinoma : Short-Term Follow-up Results in 30 Patients. *Journal of Korean Society of Ultrasound in Medicine* 1995;14:111-117.
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247. **Kim TK**, Chung HW, Chung JW, Park JH. Angiographic diagnosis for various causes of gastrointestinal bleeding. *J Kor Soc Radiol* 1994;31:243-249.
248. **Kim TK**, Kim IO, Kim WS, Yeon KM. MR imaging of childhood adrenoleukodystrophy. *J Kor Soc Radiol* 1994;31:171-176.
249. Kim HS, Choi YH, Kim JE, Lee SH, Kim MA, **Kim TK**, Choi JM. Ultrasound-guided compression repair of pseudoaneurysms of brachial and femoral arteries-2cases. *J Kor Soc Ultrasound Med* 1994;13:229-232.
250. Moon WK, Im JG, Kim HC, Yoo IK, Choo SW, **Kim TK**, Yeon KM, Han MC. Analysis of CT Patterns and treatment response in patients with mediastinal tuberculous lymphadenitis. *J Kor Soc Radiol* 1993;29:987-994.

## Invited Lectures

- 2023 Mar **Invited Lecturer.** Imaging of small difficult liver lesions. Society of Gastrointestinal Radiologists. Austin, United States
- 2023 Mar **Invited Lecturer.** Challenging pancreatic cases. Society of Gastrointestinal Radiologists. Austin, United States
- 2022 Oct **Invited Lecturer.** Radiology in Canada. Yonsei University Hospital. Seoul, Korea.
- 2021 Aug **Invited Lecturer.** Imaging of HCC response to loco-regional therapy and systemic therapy. Annual Meeting of the International Liver Cancer Association. Virtual Meeting.
- 2020 May **Invited Lecturer.** Imaging and Targeting for Stereotactic Radiotherapy. Radiosurgery Society Annual Scientific Meeting. Virtual Meeting, United States.
- 2020 Mar **Invited Lecturer.** Non-HCC malignancies in cirrhotic liver. Society of Gastrointestinal Radiologists. Maui, United States.
- 2019 Dec **Invited Lecturer.** CEUS: Resolving indeterminate lesions seen by CT/MRI. Radiological Society of North America (RSNA). Chicago, Illinois, United States.
- 2019 Sep **Invited Lecturer.** Imaging of HCC response to loco-regional therapy and systemic therapy. Annual Meeting of the International Liver Cancer Association. Chicago, Illinois, United States.
- 2019 Jun **Invited Lecturer.** Radiology review course (12 hour lectures). Postgraduate Course for PUST Medical School. Jilin, China.
- 2019 Jun **Invited Lecturer.** Imaging of Non-HCC malignancies. Annual Meeting of the European Society of the Gastrointestinal and Abdominal Radiology. Rome, Italy.
- 2019 Apr **Invited Lecturer.** CEUS: HCC. Canadian Association of the Radiologists. Montreal, Canada.
- 2019 Mar **Invited Lecturer.** IgG4-related disease. Society of Gastrointestinal Radiologists. Orlando, United States.
- 2018 Sep **Invited Lecturer.** Integration of Li-rads in clinical practice. Annual Meeting of the International Liver Cancer Association. London, United Kingdom.
- 2018 Jun **Invited Lecturer.** CEUS: Hepatocellular carcinoma (Keynote lecture). Annual Meeting of the European Society of the Gastrointestinal and Abdominal Radiology. Dublin, Ireland.
- 2018 May **Invited Lecturer.** CEUS LI-RADS. Congress of the Asian Federation of Societies for Ultrasound in Medicine and Biology. Seoul, Korea.
- 2018 May **Invited Lecturer.** Wash-in & Wash-out. ACUCI (Asian Conference of Ultrasound Contrast Imaging).



- Seoul, Korea.
- 2018 Mar **Invited Lecturer.** Cystic Diseases and Other Pathology of the Gallbladder and Biliary Tract. Society of Gastrointestinal Radiologists. Scottsdale, United States.
- 2018 Feb **Invited Lecturer.** 10 lectures on liver and pancreas imaging. Oncology imaging symposium. Kuwait City, Kuwait.
- 2017 Jun **Invited Lecturer.** IgG4 related diseases. Annual Meeting of the European Society of the Gastrointestinal and Abdominal Radiology. Athens, Greece.
- 2017 May **Invited Lecturer.** CT protocols and HCC diagnosis. Hepatocellular Carcinoma Course by Ontario Association of Radiology. Toronto, ON, Canada.
- 2017 Apr **Invited Lecturer.** Ultrasound teaching course (20 hours in one week). University of Haiti, Port-au-Prince, Haiti.
- 2017 Mar **Invited Lecturer.** Contrast-enhanced ultrasound of benign liver lesions. Annual Meeting of American Institute of Ultrasound in Medicine. Orlando, United States.
- 2017 Mar **Invited Lecturer.** Imaging for liver cancer. Liver SBRT IGRT Education Course. Toronto, ON, Canada.
- 2016 Jul **Invited Lecturer.** Radiology teaching course (20 hours for 2 weeks). Black Lion's Hospital, Addis Ababa University, Ethiopia.
- 2016 Jun **Invited Lecturer.** Health inequity in Canada. World Korean Medical Organization Annual Convention. Washington, United States.
- 2016 May **Invited Lecturer.** IgG4-related disease in the abdomen : Toronto experience. Radiologic Grand Round, Seoul National Hospital. Seoul, Korea.
- 2016 May **Invited Lecturer.** Life as a radiologist in Canada. Seoul National University Bundang Hospital. Bundang, Korea.
- 2016 Apr **Invited Lecturer.** Ultrasound teaching course (20 hours in one week). University of Haiti, Port-au-Prince, Haiti.
- 2016 Apr **Invited Lecturer.** Imaging for liver cancer. Liver SBRT IGRT Education Course. Toronto, ON, Canada.
- 2016 Mar **Invited Lecturer.** Contrast-enhanced ultrasound in the abdomen : extrahepatic applications. Society of Gastrointestinal Radiologists. Waikoloa, United States.
- 2015 Oct **Invited Lecturer.** Ultrasound teaching course (20 hours in one week). University of Haiti, Port-au-Prince, Haiti.
- 2015 Jul **Invited Lecturer.** mHealth and teleradiology in Canada. World Korean Medical Organization Annual Convention. Los Angeles, United States.
- 2015 Jul **Invited Lecturer.** Contrast-enhanced ultrasound for liver tumors. World Korean Medical Organization Annual Convention. Los Angeles, United States.
- 2015 Mar **Invited Lecturer.** IgG4-related sclerosing disease: Abdominal imaging manifestations. Society of Abdominal Radiologists. Coronado, United States.
- 2015 Mar **Invited Lecturer.** Imaging for liver cancer. Liver SBRT IGRT Education Course. Toronto, ON, Canada.
- 2015 Feb **Invited Lecturer.** Surveillance of HCC : Which modality? International Seoul Radiology Symposium. Seoul, Korea.
- 2014 Jul **Invited Lecturer.** Contrast-enhanced ultrasound in the abdomen. World Korean Medical Organization Annual Convention. New York, United States.
- 2014 Mar **Invited Lecturer.** IgG4-related disease in the abdomen: autoimmune pancreatitis. Society of Gastrointestinal Radiologists. Boca Raton, United States.
- 2014 Feb **Invited Lecturer.** Gadoxetate Disodium-enhanced MRI. Canadian Association for the Study of the Liver HCC Meeting. Toronto, ON, Canada.
- 2013 Feb **Invited Lecturer.** State-of-the-art – CT and MRI for staging HCC. Cancer Imaging and Radiation Therapy Symposium. Orlando, Florida, United States.
- 2013 Feb **Invited Lecturer.** Current guidelines for diagnosis of HCC. Chest & Body Imaging Update Combined with Intensive Breast MRI Case Review. Jeddah, Saudi Arabia.

- 2013 Feb **Invited Lecturer.** Imaging evaluation of potential live donors for liver transplantation. Chest & Body Imaging Update Combined with Intensive Breast MRI Case Review. Jeddah, Saudi Arabia.
- 2013 Feb **Invited Lecturer.** Ultrasound Contrast-enhanced ultrasound: introduction in routine clinical practice. Chest & Body Imaging Update Combined with Intensive Breast MRI Case Review. Jeddah, Saudi Arabia.
- 2013 Feb **Invited Lecturer.** Practical biliary imaging. Chest & Body Imaging Update Combined with Intensive Breast MRI Case Review. Jeddah, Saudi Arabia.
- 2013 Feb **Invited Lecturer.** Imaging of cholangiocarcinoma. Chest & Body Imaging Update Combined with Intensive Breast MRI Case Review. Jeddah, Saudi Arabia.
- 2012 Nov **Invited Lecturer.** Ultrasound of gallbladder and bile ducts. Radiological Society of North America (RSNA). Chicago, Illinois, United States.
- 2012 Sep **Invited Lecturer.** Imaging diagnosis of cholangiocarcinoma. Emerging Trends Conference, American Association for the Society of Liver Disease (AASLD). Atlanta, Georgia, United States.
- 2012 May **Invited Lecturer.** Current Status and Prospects of Liver CEUS in Canada. The 4th Asian Conference on Ultrasound Contrast Imaging (ACUCI 2012). Seoul, Korea, Republic Of.
- 2012 May **Invited Lecturer.** Contrast-enhanced ultrasound of Benign Focal Liver Lesions. The 4th Asian Conference on Ultrasound Contrast Imaging (ACUCI 2012). Seoul, Korea, Republic Of.
- 2012 May **Invited Lecturer.** Introduction of contrast-enhanced ultrasound into clinical practice: extrahepatic indications. Jeju National University Hospital, Jeju, Korea, Republic Of.
- 2012 Mar **Invited Lecturer.** Contrast-enhanced ultrasound: When and where is it useful? - Extrahepatic Indications. Society of Gastrointestinal Radiologists. Scottsdale, United States.
- 2012 Feb **Invited Lecturer.** Guidelines for Screening Hepatocellular Carcinoma: Current Status of Diagnostic Imaging in Hepatocellular Carcinoma Screening. American Society of Clinical Oncology (ASCO) 2012 Gastrointestinal Cancers Symposium. San Francisco, California, United States.
- 2011 Nov **Invited Lecturer.** Contrast-ultrasound of benign hepatic lesions. International Ultrasound Conference 2011, Peruvian Society of Radiology. Lima, Peru.
- 2011 Mar **Invited Lecturer.** HCC surveillance. Society of Gastrointestinal Radiologists. Carlsbad, United States.
- 2011 Mar **Invited Lecturer.** Cholangiocarcinoma. Society of Gastrointestinal Radiologists. Carlsbad, United States.
- 2009 Dec **Invited Lecturer.** Hepatobiliary imaging: Case-based review. Asan Medical Center, University of Ulsan. Seoul, Korea, Republic Of.
- 2009 Dec **Invited Lecturer.** Contrast-enhanced US of benign liver tumors. Radiological Society of North America (RSNA). Chicago, Illinois, United States.
- 2009 Oct **Invited Lecturer.** Pseudoenhancement in contrast-enhanced ultrasound. International Contrast Ultrasound Society (ICUS). Chicago, Illinois, United States.
- 2009 Jun **Invited Lecturer.** Cystic malformation of the biliary tract. European Society of Gastrointestinal and Abdominal Radiology (ESGAR). Valencia, Spain.
- 2009 May **Invited Lecturer.** Cystic malformation of the biliary tract. Seoul National University Bundang Hospital. Bundang, Korea, Republic Of.
- 2009 May **Invited Lecturer.** Contrast-enhanced ultrasound in the abdomen. Annual Congress of the Korean Medical Ultrasound. Seoul, Korea, Republic Of.
- 2009 Mar **Invited Lecturer.** Imaging of liver transplantation. Society of Gastrointestinal Radiologists. Maui, United States.
- 2008 Dec **Invited Lecturer.** Contrast agent in ultrasound: benign liver tumors. Radiological Society of North America (RSNA). Chicago, Illinois, United States.
- 2008 Nov **Invited Lecturer.** Contrast-enhanced ultrasound for benign liver masses. Radiological Society of North America (RSNA). Chicago, Illinois, United States.
- 2008 Oct **Invited Lecturer.** Imaging of small nodules in liver cirrhosis. Asian Oceanian Congress of Radiology (AOCR). Seoul, Korea, Republic Of.
- 2008 Oct **Invited Lecturer.** Uniqueness of contrast-enhanced ultrasound in abdominal imaging. Asian Oceanian

- Congress of Radiology (AOCR). Seoul, Korea, Republic Of.
- 2008 Oct **Invited Lecturer.** Surveillance of HCC: How and When? Asian Oceanian Congress of Radiology (AOCR). Seoul, Korea, Republic Of.
- 2008 Apr **Invited Lecturer.** Imaging of small nodules in liver cirrhosis: a multi-modality approach. University of Buffalo. Buffalo, New York, United States. Alfred Dobrak Memorial Conference.
- 2008 Mar **Invited Lecturer.** Imaging of liver transplantation. Society of Gastrointestinal Radiologists (SGR). Maui, United States.
- 2008 Feb **Invited Lecturer.** Imaging of cholangiocarcinoma. Society of Gastrointestinal Radiologists (SGR). Palm Springs, Florida, United States.
- 2008 Jan **Invited Lecturer.** Resolution of indeterminate liver lesions on CT/MR with contrast-enhanced US (CEUS): benign lesions. Samsung Medical Center, Department of Radiology. Seoul, Korea, Republic Of.
- 2008 Jan **Invited Lecturer.** Imaging diagnosis of small nodules in liver cirrhosis: a multi-modality approach. University of Ulsan, Department of Radiology. Seoul, Korea, Republic Of.
- 2007 Dec **Invited Lecturer.** Imaging diagnosis of HCC: multi-modality approach. Canadian-Taiwan Hepatocellular Carcinoma Workshop. Taipei, Taiwan, Province Of China.
- 2007 Dec **Invited Lecturer.** Contrast-enhanced ultrasound for benign liver lesions. Radiological Society of North America (RSNA). Chicago, Illinois, United States.
- 2007 Apr **Invited Lecturer.** Imaging of nodules in liver cirrhosis. Society of Gastrointestinal Radiologists. Fort Myers, Florida, United States.
- 2007 Apr **Invited Lecturer.** Nodules in liver cirrhosis: detection and differential diagnosis. Part II. Multimodality Approach. Society of Gastrointestinal Radiologists (SGR). Fort Myers, Florida, United States.
- 2006 Jun **Invited Lecturer.** Routine implementation of contrast-enhanced ultrasound in clinical practice. World Federation of Ultrasound in Biology (WFUMB). Seoul, Korea, Republic Of.
- 2006 Jun **Invited Lecturer.** Resolution of indeterminate liver lesions on CT/MR with contrast-enhanced US (CEUS). University of Yeonsei, Department of Radiology. Seoul, Korea, Republic Of.
- 2006 Apr **Invited Lecturer.** Importance of Ultrasound in Evaluating the Liver: Benign Masses. American Roentgen Ray Society (ARRS). Vancouver, British Columbia, Canada.
- 2006 Feb **Invited Lecturer.** Resolution of Indeterminate Liver Lesions on CT/MR with Contrast-enhanced Ultrasound. Part I. Benign Lesions. Society of Gastrointestinal Radiologists (SGR). Kawai, United States.
- 2004 Dec **Invited Lecturer.** Liver cases of contrast-enhanced ultrasound. 6th International Symposium on Ultrasound Contrast Imaging. Tokyo, Japan.
- 2004 Oct **Invited Lecturer.** Low-MI contrast-enhanced hepatic ultrasound. University of Ulsan, Department of Radiology. Seoul, Korea, Republic Of.
- 2004 Oct **Invited Lecturer.** Clinical applications of contrast-enhanced ultrasound: benign hepatic masses. University of Ulsan, Department of Radiology. Seoul, Korea, Republic Of.
- 2004 Apr **Invited Lecturer.** Principles of 16-row multislice CT. Multislice CT Symposium, University of Ulsan, Department of Radiology. Seoul, Korea, Republic Of.
- 2004 Mar **Invited Lecturer.** Intrahepatic cholangiocarcinoma: imaging findings. European Congress of Radiology (ECR). Vienna, Austria.
- 2003 Oct **Invited Lecturer.** Imaging of living donor liver transplantation. University of Medicine and Dentistry of New Jersey. New Jersey, United States. Radiology Grand Round.
- 2003 Oct **Invited Lecturer.** Imaging of living donor liver transplantation. Cornell University School of Medicine, Department of Radiology. New York, United States.
- 2003 Oct **Invited Lecturer.** Hilar cholangiocarcinoma: imaging findings. Cornell University School of Medicine, Department of Radiology. New York, United States.

## GRANTS

- 2019 - **Co-Investigator.** Neoadjuvant mFOLFIRINOX in resectable pancreatic adenocarcinoma

- stratified by GATA6: A multicentre phase II study (NeoPancONE). National Pancreatic Cancer Canada Foundation. PI: Dhani, Neesha. [Grants]
- 2015 - 2019 **Co-Investigator.** A Phase I/II Study Evaluating the Feasibility and Safety of Neoadjuvant Gemcitabine/Nab-paclitaxel (GA) and Concurrent Gemcitabine and Radiation Therapy Followed By Pancreatic Resection and Major Arterial Resection for Adenocarcinoma of the Pancreas (ARCAP) in Patients with Advanced Disease. Pancreatic Cancer Canada Foundation. PI: Knox, Jennifer. [Grants]
- 2009 - 2012 **Co-Investigator.** Phase I/II Trial of Radiation Therapy and Sorafenib for Treatment of Unresectable Liver Metastases and a Phase I study if sorafenib and radiation therapy in patients with hepatocellular carcinoma. Canadian Institutes of Health Research (CIHR). Research and Development Operating Grant. PI: Dawson, Laura. [Grants]
- 2010 - 2012 **Principal Investigator.** Characterization of focal liver lesions with SonoVue-enhanced ultrasound imaging: a phase 3, inpatient comparative study versus unenhanced ultrasound imaging using histology or combined imaging/clinical data as truth standard (a multicenter trial). Bracco Group. [Grants]
- 2010 - 2014 **Co-Investigator.** A Phase II Trial of Second Line Axitinib Following Prior Angiogenic Tyrosine Kinase in Advanced Hepatocellular Carcinoma. Pfizer. PI: Knox, Jennifer. [Grants]
- 2007 - 2012 **Co-Investigator.** Pre-operative Administration of Sorafenib in Patients with Metastatic Renal Cell Carcinoma Undergoing Cytoreductive Nephrectomy. Bayer. PI: Finelli, Anthony. [Grants]
- 2004 - 2005 **Principal Investigator.** A phase III open label Multicenter trial to compare the diagnostic accuracy of Definity®-enhanced ultrasound imaging versus contrast-enhanced computed tomography (CT) for characterizing liver lesions. Bristol-Myers Squibb Company. [Grants]