


Curriculum Vitae

Personal Information	
Title	Dr
Name	Yoo Jin Hong
Degree	MD, PhD
Country	Korea
Affiliation	Severance hospital
	
Educational Background	
BA	1998–2004: College of Medicine, Ewha woman's University, Seoul
MS	2006–2010: Yonsei University College of Medicine, Seoul
PhD	2010–2015: Yonsei University College of Medicine, Seoul
Professional Career	
Clinical assistant professor	2012–2018: Department of Radiology, Severance Hospital, Yonsei University Health System, Seoul
Assistant professor	2018–2023: Department of Radiology, Severance Hospital, Yonsei University Health System, Seoul
Associate professor	2024- Present: Department of Radiology, Severance Hospital, Yonsei University Health System, Seoul
Research Field	
Cardiothoracic imaging Cardiomyopathy Cardiac MRI	
Main Scientific Publications	
<i>Main Achievements (10 max)</i>	
1. Chun KH, Oh J, Hong YJ, Yu HT, Lee CJ, Kim TH, Joung B, Pak HN, Lee MH, Kim YJ, Kang SM. Prognostic cardiac magnetic resonance markers of left ventricular involvement in arrhythmogenic cardiomyopathy for predicting heart failure outcomes. <i>J Am Heart Assoc.</i> 2022 Mar 15;11(6):e023167. doi: 10.1161/JAHA.121.023167. Epub 2022 Mar 9. PMID: 35261277	
2. Park HS, Hong YJ, Han K, Kim PK, An E, Lee JY, Park CH, Lee HJ, Hur J, Kim YJ, Choi BW. Ultrahigh-field cardiovascular magnetic resonance T1 and T2 mapping for the assessment of anthracycline-induced cardiotoxicity in rat models: validation against histopathologic changes. <i>J Cardiovasc Magn Reson.</i> 2021 Jun 17;23(1):76. doi: 10.1186/s12968-021-00767-8.	
3. Kim JY, Hong YJ, Han K, Lee HJ, Hur J, Kim YJ, Choi BW. Regional amyloid burden differences evaluated using quantitative cardiac MRI in patients with cardiac amyloidosis. <i>Korean J Radiol.</i> 2021 Jun;22(6):880-889. doi: 10.3348/kjr.2020.0579. Epub 2021 Feb 24.	
4. Son J, Hong YJ, Kim S, Han K, Lee HJ, Hur J, Kim YJ, Choi BW. Radiomics feature analysis using native T1 mapping for discriminating between cardiac tumors and thrombi. <i>Acad Radiol.</i> 2021 Jan 5:S1076-6332(20)30702-9. doi: 10.1016/j.acra.2020.12.009. Online ahead of print.	
5. Hong YJ, Kim GM, Han K, Kim PK, Lee SA, An E, Lee JY, Lee HJ, Hur J, Kim YJ, Kim MJ, Choi BW. Cardiotoxicity evaluation using	

magnetic resonance imaging in breast cancer patients (CareBest): study protocol for a prospective trial. *BMC Cardiovasc Disord.* 2020 Jun 3;20(1):264. doi: 10.1186/s12872-020-01497-y.

6. Hong YJ, Hur J, Han K, Im DJ, Suh YJ, Lee HJ, Kim YJ, Choi BW. Quantitative analysis of a whole cardiac mass using dual-energy computed tomography: comparison with conventional computed tomography and magnetic resonance imaging. *Sci Rep.* 2018 Oct 18;8(1):15334. doi: 10.1038/s41598-018-33635-0.
7. Kim PK, Hong YJ, Sakuma H, Chawla A, Park JK, Park CH, Hong D, Han K, Lee JY, Hur J, Lee HJ, Kim YJ, Suh YJ, Choi BW. Myocardial extracellular volume fraction and change in hematocrit level: MR evaluation by using T1 mapping in an experimental model of anemia. *Radiology.* 2018 Jul;288(1):93-98. doi: 10.1148/radiol.2018171342. Epub 2018 Apr 3.
8. Hong YJ, Park HS, Park JK, Han K, Park CH, Kim TK, Yoo SJ, Lee JY, Kim PK, Hur J, Lee HJ, Kim YJ, Suh YJ, Paek MY, Choi BW. Early detection and serial monitoring of anthracycline-induced cardiotoxicity using T1-mapping cardiac magnetic resonance imaging: an animal study. *Sci Rep.* 2017 Jun 1;7(1):2663. doi: 10.1038/s41598-017-02627-x.
9. Kim PK, Hong YJ, Im DJ, Suh YJ, Park CH, Kim JY, Chang S, Lee HJ, Hur J, Kim YJ, Choi BW. Myocardial T1 and T2 Mapping: Techniques and clinical applications. *Korean J Radiol.* 2017 Jan-Feb;18(1):113-131. doi: 10.3348/kjr.2017.18.1.113. Epub 2017 Jan 5.
10. Hong YJ, Kim TK, Hong D, Park CH, Yoo SJ, Wickum ME, Hur J, Lee HJ, Kim YJ, Suh YJ, Greiser A, Paek MY, Choi BW. Myocardial characterization using dual-energy CT in doxorubicin-induced DCM: Comparison with CMR T1-mapping and histology in a rabbit model. *JACC Cardiovasc Imaging.* 2016 Jul;9(7):836-845. doi: 10.1016/j.jcmg.2015.12.018. Epub 2016 May 25.