


CURRICULUM VITAE

Personal Information

Title	Doctor	
Name	Young-sun Kim	
Degree	M.D.	
Country	Korea	
Affiliation	MINT Hospital	
Department	Women's Medical Science Center	

Educational Background

1993 - 1997	M.D.	Hanyang Univ. College of Medicine
1998 - 2000	M.M.Sc.	Hanyang Univ. College of Medicine, Graduate School
2000 - 2003	Ph.D.	Hanyang Univ. College of Medicine, Graduate School

Professional Career

2002 - 2005	Dept. Radiology, Hanyang Univ. Guri Hospital, Hanyang Univ College of Medicine, Guri-city, Korea
2005 - 2016	Dept. Radiology and Center for Imaging Science, Samsung Medical Center, Sungkyunkwan Univ. School of Medicine, Seoul, Korea
2006 - 2007	Ultrasound Laboratory, Imaging Research Discipline, Research Institute, Sunnybrook Health Science Center, Department of Medical Biophysics, University of Toronto, Toronto, ON, Canada
2017 -	MINT Hospital, Seoul, Korea

Research Field

Image-guided Tumor Ablation (radiofrequency ablation of liver tumor MR-guided ablation for uterine disease)
Abdominal imaging

Main Scientific Publications

1. Volumetric MR-guided High-intensity Focused Ultrasound Ablation with a One-Layer Strategy to Treat Large Uterine Fibroids: Initial Clinical Outcome. *Radiology* 2012;263:600-609.
2. MR Thermometry Analysis of Sonication Accuracy and Safety Margin of Volumetric MR Imaging-guided High-Intensity Focused Ultrasound Ablation of Symptomatic Uterine Fibroids. *Radiology* 2012;256:627-37
3. Ten-year outcome of percutaneous radiofrequency ablation of hepatocellular carcinoma with an analysis of prognostic factor. *J Hepatol* 2013;58:89-97
4. Uterine fibroid: Postsonication temperature decay rate enables prediction of therapeutic responses to MR imaging-guided HIFU ablation. *Radiology* 2014;270:589-600
5. Semiquantitative perfusion MRI predicts treatment efficiency of MR-HIFU ablation of uterine fibroids. *Radiology*, 2014;273:462-471
6. Uterine Fibroids: Correlations of T2 Signal Intensity with Semiquantitative Perfusion MR Parameters in Candidates for MR-guided High Intensity Focused Ultrasound Ablation. *Radiology* 2016;178:925-935