


CURRICULUM VITAE

Personal Information		
Title	Dr	
Name	Song-Ee Baek	
Degree	MD	
Country	Korea	
Affiliation	Severance Hospital, Yonsei University, Collage of Medicine	
Department	Radiology	
Educational Background		
Biochemistry, Yonsei University, Bachelor of Science, Seoul, Korea		Mar 1996 – Feb 2000
Yonsei University College of Medicine, Seoul, Korea M.D.		Mar 2000 – Feb 2004
Department of Medicine The Graduate School, Yonsei University, Seoul, Korea, Major in Radiology Master		Mar 2007 – Jul 2010
Department of Radiology at Severance Hospital Yonsei University Health System, Seoul, Korea Internship and residency		Mar 2004 - Feb 2009
Department of Radiology, Division of Abdominal Imaging, Severance Hospital, Yonsei University Health System, Seoul, Korea Fellowship		Mar 2009 - Jun 2011
Department of Diagnostic Radiology, Division of Abdominal imaging, Duke Hospital, NC, USA Research Fellowship		Jan 2012 – Dec 2013
Professional Career		
Division of Abdominal imaging, Severance Hospital, Yonsei University Health System, Seoul, Korea Clinical assistant professor		Mar 2014 – Feb 2019
Division of Emergency radiology, Severance Hospital, Yonsei University Health System, Seoul, Korea Clinical assistant professor		Mar 2019 – Feb 2020
Division of Emergency radiology, Severance Hospital, Yonsei University Health System, Seoul, Korea Clinical association professor		Mar 2020 - Feb 2025
Division of Emergency radiology, Severance Hospital, Yonsei University Health System, Seoul, Korea Clinical professor		Mar 2025 - presence
Research Field		
Abdominal radiology, Emergency radiology, AI		
Main Scientific Publications		

1. Jin Young Kim, Jiyong Park, Kye Ho Lee, Ji Won Lee, Jinho Park, Pan Ki Kim, Kyunghwa Han, Song-Ee Baek, Dong Jin Im, Byoung Wook Choi, Jin Hur, Development and validation of deep learning model for detection of obstructive coronary artery disease in patients with acute chest pain: a multi-center study, *La radiologia medica* 2025
2. Jin Young Kim¹, Kye Ho Lee², Ji Won Lee³, Jiyong Park⁴, Jinho Park⁴, Pan Ki Kim⁴, Kyunghwa Han⁵, Song-Ee Baek⁵, Dong Jin Im⁵, Byoung Wook Choi⁵, Jin Hur⁵ Predicting Major Adverse Cardiac Events Using Deep Learning-based Coronary Artery Disease Analysis at CT Angiography Radiology: Artificial Intelligence Vol. 7, No. 3, 2025
3. Sang Min Lee, Song-Ee Baek, Choong Wook Lee, Young Chul Kim, and Min-Jeong Kim, Foreign Body Ingestion: Radiologic Evaluation, Findings, and Management *Korean J Radiol.* 2025 Jul;26(7):638-649
4. Doo Young Lee, Jaeseung Shin, Sungwon Kim, Song-Ee Baek, Suji Lee, Nak-Hoon Son, Mi-Suk Park; Radiomics model versus 2017 revised international consensus guidelines for predicting malignant intraductal papillary mucinous neoplasm, *European Radiology* 34:1222-1231 2024
5. So Yeon Choi, Arom Choi, Song-Ee Baek, Jin Young Ahn, Yun Ho Roh, Ji Hoon Kim; Effect of multimodal diagnostic approach using deep learning-based automated detection algorithm for active pulmonary tuberculosis, *Scientific Reports* **volume 13**, Article number: 19794 2023
6. Ji Hoon Kim, Song-Ee Baek, Young Jin Kim, Young Joo Suh; Coronary CTA for Acute Chest Pain in the Emergency Department: Comparison of 64-Detector-Row Single-Source and Third-Generation Dual-Source Scanners, *AJR* 221:80 -91 2023
7. Chang Gon Kim, Moonki Hong, Hei-Cheul Jeung, Garden Lee, Hyun Cheol Chung, Sun Young Rha, Hyo Song Kim, Choong-kun Lee, Ji Hyun Lee, Yejeong Han, Jee Hung Kim, Seo Young Lee, Hyunki Kim, Su-Jin Shin, Song-Ee Baek, Minkyu Jung; Hyperprogressive disease during PD-1 blockade in patients with advanced gastric cancer, *European Journal of Cancer* 172 387-399 2022
8. Shin, Jaeseung; Seo, Nieun; Baek, Song-Ee; Son, Nak-Hoon; Lim, Joon Seok; Kim, Nam Kyu; Koom, Woong Sub; Kim, Sungwon; MRI radiomics model predicts pathologic complete response of rectal cancer following chemoradiotherapy, *Radiology* 303 2, 351-358, 2022
9. Cha, Sung Whan; Kim, Sung Hyun; Baek, Song Ee; Kim, Kyung Sik; Development of a nutritional index to evaluate the effectiveness of total parenteral nutrition during the early postoperative period after pancreaticoduodenectomy, *Gland Surgery*, 10, 9, 2622, 2021
10. Kim, Ji Hoon; Han, Sang Gil; Cho, Ara; Shin, Hye Jung; Baek, Song-Ee; Effect of deep learning-based assistive technology use on chest radiograph interpretation by emergency department physicians: a prospective interventional simulation-based study, *BMC Medical Informatics and Decision Making*, 21, 1-9, 2021