CURRICULUM VITAE

I. Personal Information

Family name	Chae	
First name	Eun Young	
Nationality	Republic of Korea	
Degree	MD/PhD	
Specialty	Breast	
Nationality	Republic of Korea	
Current Affiliation	Department of Radiology, Research Institute of Radiology University of Ulsan College of Medicine Asan Medical Center	
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II. Education

2000 – 2006	Bachelor of Medicine	University of Ulsan College of Medicine
2008 – 2010	Master of Medicine (Radiology)	University of Ulsan College of Medicine
2013 – 2015	Doctor of Medicine (Radiology)	University of Ulsan College of Medicine

III. Post-Graduate Training

2006 – 2007	Internship	Asan Medical Center
2007 – 2011	Resident in Department of Radiology	Asan Medical Center
2011 – 2013	Fellowship in Division of Breast Imaging	Asan Medical Center

IV. Work Experience

2013-2016	Senior Clinical Instructor	Asan Medical Center
2016-2021	Clinical Assistant Professor	Asan Medical Center
2021-Present	Associate Professor	Asan Medical Center

V. Scientific Publications as the first or corresponding author

1. Park AR, **Chae EY**, Kim HJ, Cha JH, Shin HJ, Choi WJ, Kim HH. Effects of Preoperative Breast MRI on Breast Cancer Survival Outcomes in Women Aged 35 Years and Younger. Radiology. 2023 May;307(4):e221797.

2. **Chae EY**, Cha JH, Shin HJ, Choi WJ, Kim J, Kim SM, Kim HH. Patterns in the Use and Perception of Digital Breast Tomosynthesis: A Survey of Korean Breast Radiologists. J Korean Soc Radiol. 2022 Nov;83(6):1327-1341.

3. Park AR, **Chae EY**, Cha JH, Shin HJ, Choi WJ, Kim HH. Preoperative Breast MRI in Women 35 Years of Age and Younger with Breast Cancer: Benefits in Surgical Outcomes by Using Propensity Score Analysis. Radiology. 2021 Jul;300(1):39-45.

4. **Chae EY**, Yoon GY, Cha JH, Shin HJ, Choi WJ, Kim HH. Added Value of the Vascular Index on Superb Microvascular Imaging for the Evaluation of Breast Masses: Comparison With Grayscale Ultrasound. J Ultrasound Med. 2021 Apr;40(4):715-723.

5. **Chae EY**, Kim HH, Sabir S, Kim Y, Kim H, Yoon S, Ye JC, Cho S, Heo D, Kim KH, Bae YM, Choi YW. Development of digital breast tomosynthesis and diffuse optical tomography fusion imaging for breast cancer detection. Sci Rep. 2020 Aug 4;10(1):13127.

6. Ha SM, **Chae EY**, Cha JH, Shin HJ, Choi WJ, Kim HH. Diagnostic performance of standard breast MR imaging compared to dedicated axillary MR imaging in the evaluation of axillary lymph node. BMC Med Imaging. 2020 May 1;20(1):45.

7. Yoon B, **Chae EY**, Cha JH, Shin HJ, Choi WJ, Kim HH. Male patients with unilateral breast symptoms: an optimal imaging approach. Eur Radiol. 2020 Aug;30(8):4242-4250.

8. Yoon GY, **Chae EY**, Cha JH, Shin HJ, Choi WJ, Kim HH, Kim JE, Kim SB. Imaging and Clinicopathologic Features Associated With Pathologic Complete Response in HER2-positive Breast Cancer Receiving Neoadjuvant Chemotherapy With Dual HER2 Blockade. Clin Breast Cancer. 2020 Feb;20(1):25-32.

9. Ha SM, **Chae EY**, Cha JH, Kim HH, Shin HJ, Choi WJ. Long-term survival outcomes in invasive lobular carcinoma patients with and without preoperative MR imaging: a matched cohort study. Eur Radiol. 2019 May;29(5):2526-2534.

10. Yeom YK, **Chae EY**, Kim HH, Cha JH, Shin HJ, Choi WJ. Screening mammography for second breast cancers in women with history of early-stage breast cancer: factors and causes associated with non-detection. BMC Med Imaging. 2019 Jan5;19(1):2.

11. **Chae EY**, Kim HH, Jeong JW, Chae SH, Lee S, Choi YW. Decrease in interpretation time for both novice and experienced readers using a concurrent

computer-aided detection system for digital breast tomosynthesis. Eur Radiol. 2019 May;29(5):2518-2525.

12. Oh SJ, **Chae EY**, Cha JH, Shin HJ, Choi WJ, Kim HH. Relationship between background parenchymal enhancement on breast MRI and pathological tumor response in breast cancer patients receiving neoadjuvant chemotherapy. Br J Radiol. 2018 Jul;91(1088):20170550.

13. Ha SM, **Chae EY**, Cha JH, Shin HJ, Choi WJ, Kim HH. Growing BI-RADS category 3 lesions on follow-up breast ultrasound: malignancy rates and worrisome features. Br J Radiol. 2018 Jul;91(1087):20170787.

14. Ha SM, **Chae EY**, Cha JH, Kim HH, Shin HJ, Choi WJ. Breast MR Imaging before Surgery: Outcomes in Patients with Invasive Lobular Carcinoma by Using Propensity Score Matching. Radiology. 2018 Jun;287(3):771-777.

15. Ha SM, **Chae EY**, Cha JH, Kim HH, Shin HJ, Choi WJ. Association of BRCA Mutation Types, Imaging Features, and Pathologic Findings in Patients With Breast Cancer With BRCA1 and BRCA2 Mutations. AJR Am J Roentgenol. 2017 Oct;209(4):920-928.

16. **Chae EY**, Shin HJ, Kim S, Baek HM, Yoon D, Kim S, Shim YE, Kim HH, Cha JH, Choi WJ, Lee JH, Shin JH, Lee HJ, Gong G. The Role of High-Resolution Magic Angle Spinning 1^H Nuclear Magnetic Resonance Spectroscopy for Predicting the Invasive Component in Patients with Ductal Carcinoma In Situ Diagnosed on Preoperative Biopsy. PLoS One. 2016 Aug 25;11(8):e0161038.

17. **Chae EY**, Moon WK, Kim HH, Kim WH, Cha JH, Shin HJ, Choi WJ, Han W, Noh DY, Lee SB, Ahn SH. Association between Ultrasound Features and the 21-Gene Recurrence Score Assays in Patients with Oestrogen Receptor-Positive, HER2-Negative, Invasive Breast Cancer. PLoS One. 2016 Jun 30;11(6):e0158461.

18. **Chae EY**, Kim HH, Cha JH, Shin HJ, Choi WJ. Detection and characterization of breast lesions in a selective diagnostic population: diagnostic accuracy study for comparison between one-view digital breast tomosynthesis and two-view full-field digital mammography. Br J Radiol. 2016 Jun;89(1062):20150743.

19. **Chae EY**, Cha JH, Shin HJ, Choi WJ, Kim HH. Reassessment and Follow-Up Results of BI-RADS Category 3 Lesions Detected on Screening Breast Ultrasound. AJR Am J Roentgenol. 2016 Mar;206(3):666-72.

20. **Chae EY**, Kim JE, Kim HH. Cardiac Metastasis from Breast Cancer as an Initial Focus of Recurrence. Breast J. 2015 Jul-Aug;21(4):433-5.

21. **Chae EY**, Cha JH, Kim HH, Shin HJ. Comparison of lesion detection in the transverse and coronal views on automated breast sonography. J Ultrasound Med. 2015 Jan;34(1):125-35.

22. **Chae EY**, Shin HJ, Kim HJ, Yoo H, Baek S, Cha JH, Kim HH. Diagnostic performance of automated breast ultrasound as a replacement for a hand-held second-look ultrasound for breast lesions detected initially on magnetic resonance imaging. Ultrasound Med Biol. 2013 Dec;39(12):2246-54.

23. **Chae EY**, Kim HH, Cha JH, Shin HJ, Kim H. Evaluation of screening whole-breast sonography as a supplemental tool in conjunction with mammography in women with dense breasts. J Ultrasound Med. 2013 Sep;32(9):1573-8.

24. **Chae EY**, Cha JH, Kim HH, Shin HJ, Kim H, Lee J, Cheung JY. Evaluation of residual disease using breast MRI after excisional biopsy for breast cancer. AJR Am J Roentgenol. 2013 May;200(5):1167-73.

25. **Chae EY**, Cha JH, Kim HH, Shin HJ, Kim HJ, Oh HY, Koh YH, Moon DH. Analysis of incidental focal hypermetabolic uptake in the breast as detected by 18F-FDG PET/CT: clinical significance and differential diagnosis. Acta Radiol. 2012 Jun 1;53(5):530-5.

26. **Chae EY**, Lee SS, Chung JW, Kim HJ, Park SH, Kim AY, Ha HK. Cytomegalovirus enterocolitis in apparently immunocompetent hosts: evaluation of the radiologic findings and clinical features. J Comput Assist Tomogr. 2010 Nov-Dec;34(6):892-8.

27. **Chae EY**, Song EJ, Sohn JY, Kim ST, Woo CW, Gong G, Kang HJ, Lee JS. Allogeneic renal graft rejection in a rat model: in vivo MR imaging of the homing trait of macrophages. Radiology. 2010 Sep;256(3):847-54.

28. **Chae EY**, Shin JH, Song HY, Kim JH, Shim TS, Kim DK. Bronchopleural fistula treated with a silicone-covered bronchial occlusion stent. Ann Thorac Surg. 2010 Jan;89(1):293-6.

29. **Chae EY**, Chung HW, Shin MJ, Lee SH. Lipoma arborescens of the glenohumeral joint causing bone erosion: MRI features with gadolinium enhancement. Skeletal Radiol. 2009 Aug;38(8):815-8.