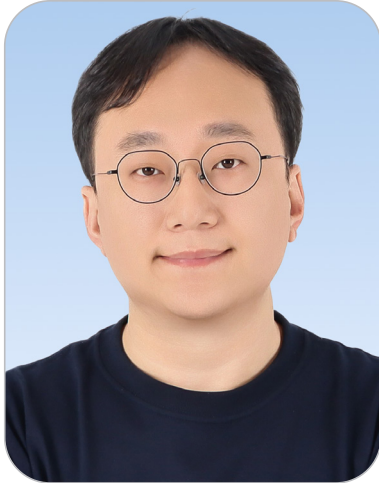


Hyun-Jin Bae

Curriculum Vitae



CEO
PROMEDIUS Inc., Korea

Educational Background & Professional Experience

- 2019.10–Present CEO of PROMEDIUS Inc.
- 2018.06–2019.09 Research Fellow, University of Ulsan College of Medicine
- 2017.09–2018.05 Postdoctoral Researcher, Asan Medical Center
- 2010.03–2017.08 (Ph.D.) Department of Astronomy, Yonsei University

Research Interests

Medical Imaging, Medical Device, AI

Publications

1. J Park, NY Kim, HJ Bae et al. Opportunistic screening of low bone mass using knowledge distillation–based deep learning in chest X-rays with external validations, Archives of Osteoporosis, 2025.
2. M Jang, HJ Bae et al. Image Turing test and its applications on synthetic chest radiographs by using the progressive growing generative adversarial network, Scientific Reports, 2023.
3. M Kim, S Kim, M Kim, HJ Bae et al. Realistic high–resolution lateral cephalometric radiography generated by progressive growing generative adversarial network and quality evaluations, Scientific Reports, 2021.
4. HY Park, HJ Bae et al. Realistic high–resolution body computed tomography image synthesis by using progressive growing generative adversarial network: visual turing test, JMIR Medical Informatics, 2021.
5. DW Seo, H Yi, HJ Bae et al. Prediction of neurologically intact survival in cardiac arrest patients without pre–hospital return of spontaneous circulation: machine learning approach, Journal of Clinical Medicine, 2021.

