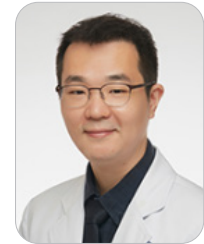


Curriculum Vitae

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- Educational Background & Professional Experience**

- | | |
|-----------------|---|
| 2003.03–2009.02 | M.D., Yonsei University College of Medicine, Seoul, Korea |
| 2010.09–2012.06 | M.P.H., Department of international health, Graduate School of Public Health, Yonsei University, Seoul, Korea |
| 2014.09–2022.02 | Ph. D., Graduate School, Yonsei University College of Medicine; major in Internal Medicine |

- Research Interests**

Osteoporosis, Sarcopenia, Parathyroid disease, Bone and mineral disorder

- Publications**

- Hong N, Cho SW, Shin S, Lee S, Jang SA, Roh S, Lee YH, Rhee Y, Cummings SR, Kim H, Kim KM. Deep-learning-based detection of vertebral fracture and osteoporosis using lateral spine X-ray radiography. *J Bone Miner Res.* 2023 Apr 10. doi: 10.1002/jbmr.4814.
- Ryu J, Eom S, Kim HC, Kim CO, Rhee Y, You SC, Hong N. Chest X-ray-based opportunistic screening of sarcopenia using deep learning. *J Cachexia Sarcopenia Muscle.* 2023 Feb;14(1):418–428. doi: 10.1002/jcsm.13144.
- Hong N, Park H, Kim CO, Kim HC, Choi JY, Kim H, Rhee Y. Bone Radiomics Score Derived From DXA Hip Images Enhances Hip Fracture Prediction in Older Women. *J Bone Miner Res.* 2021 May 24. doi: 10.1002/jbmr.4342. Epub ahead of print. PMID: 34029404.
- Hong N, Lee DC, Khosla S, Keaveny TM, Rhee Y. Comparison of Vertebral and Femoral Strength Between White and Asian Adults Using Finite Element Analysis of Computed Tomography Scans. *J Bone Miner Res.* 2020 Dec;35(12):2345–2354. doi:10.1002/jbmr.4149. Epub 2020 Aug 31. PMID: 32750185.
- Lee S, Hong N, Kim KJ, Park CH, Lee J, Rhee Y. Bone Density After Teriparatide Discontinuation With or Without Antiresorptive Therapy in Pregnancy- and Lactation-Associated Osteoporosis. *Calcif Tissue Int.* 2021 May 26. doi: 10.1007/s00223-021-00869-6. Epub ahead of print. PMID: 34037833.