



OPEN ACCESS

APPROVED BY
Frontiers Editorial Office,
Frontiers Media SA, Switzerland

*CORRESPONDENCE

Hee Jeong Kim
✉ heejeong_kim@amc.seoul.kr

RECEIVED 21 October 2025

ACCEPTED 27 October 2025

PUBLISHED 07 November 2025

CITATION

Shin E, Kim SI, Park M-h, Kim H-A, Jung Y, Ryu JM, Park EH, Kim SY, Lee E-G, Lee MH, Park JH, Im S-A, Bae SJ, Kang SH, Lim WS, Youn HJ, Park HK, Park KH, Kim TH, Park SY, Lim CW, Kwak GH, Park C, Shin HJ, Yoo YB, Kang SH, Kim BK and Kim HJ (2025) Correction: Comparative study on bone mineral density in premenopausal patients with estrogen receptor-positive breast cancer in ASTRRA Study: a 5-year follow-up study. *Front. Oncol.* 15:1729229. doi: 10.3389/fonc.2025.1729229

COPYRIGHT

© 2025 Shin, Kim, Park, Kim, Jung, Ryu, Park, Kim, Lee, Lee, Park, Im, Bae, Kang, Lim, Youn, Park, Park, Kim, Park, Lim, Kwak, Park, Shin, Yoo, Kang, Kim and Kim. This is an open-access article distributed under the terms of the [Creative Commons Attribution License \(CC BY\)](https://creativecommons.org/licenses/by/4.0/). The use, distribution or reproduction in other forums is permitted, provided the original author(s) and the copyright owner(s) are credited and that the original publication in this journal is cited, in accordance with accepted academic practice. No use, distribution or reproduction is permitted which does not comply with these terms.

Correction: Comparative study on bone mineral density in premenopausal patients with estrogen receptor-positive breast cancer in ASTRRA Study: a 5-year follow-up study

Eunju Shin^{1,2}, Seung Il Kim³, Min-ho Park⁴, Hyun-Ah Kim⁵, Yongsik Jung⁶, Jai Min Ryu⁷, Eun Hwa Park⁸, Sung Yong Kim⁹, Eun-Gyeong Lee¹⁰, Min Hyuk Lee¹¹, Jung Ho Park¹², Seock-Ah Im¹³, Soong June Bae¹⁴, Su Hwan Kang¹⁵, Woo Sung Lim¹⁶, Hyun Jo Youn¹⁷, Heung Kyu Park¹⁸, Kyong Hwa Park¹⁹, Tae Hyun Kim²⁰, Shin Young Park²¹, Cheol Wan Lim²², Geum Hee Kwak²³, Chanheun Park²⁴, Hyuk Jae Shin²⁵, Young Bum Yoo²⁶, Sun Hee Kang²⁷, Bong Kyun Kim²⁸ and Hee Jeong Kim^{1*}

¹Division of Breast Surgery, Department of Surgery, University of Ulsan College of Medicine, Asan Medical Center, Seoul, Republic of Korea, ²Department of Surgery, Kyung Hee University Hospital at Gangdong, Seoul, Republic of Korea, ³Department of Surgery, Yonsei University College of Medicine, Seoul, Republic of Korea, ⁴Department of Surgery, Chonnam National University Medical School, Chonnam National University Hwasun Hospital, Jeollanam-do, Republic of Korea, ⁵Department of Surgery, Korea Cancer Center Hospital, Korea Institute of Radiological and Medical Sciences, Seoul, Republic of Korea, ⁶Department of Surgery, Ajou University School of Medicine, Suwon, Republic of Korea, ⁷Division of Breast Surgery, Department of Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea, ⁸Department of Surgery, Dong-A University College of Medicine, Busan, Republic of Korea, ⁹Department of Surgery, Soonchunhyang University, College of Medicine, Cheonan Hospital, Chungnam, Republic of Korea, ¹⁰Department of Surgery, Research Institute and Hospital, National Cancer Center, Goyang, Republic of Korea, ¹¹Department of Surgery, Soon Chun Hyang University Hospital, Seoul, Republic of Korea, ¹²Division of Breast and Endocrine Surgery, Hallym University Sacred Heart Hospital, Anyang, Republic of Korea, ¹³Seoul National University Hospital, Cancer Research Institute, Seoul National University College of Medicine, Seoul, Republic of Korea, ¹⁴Department of Surgery, Gangnam Severance Hospital, Yonsei University College of Medicine, Seoul, Republic of Korea, ¹⁵Department of Surgery, Yeungnam University College of Medicine, Daegu, Republic of Korea, ¹⁶Department of Surgery, Ewha Womans University Mokdong Hospital, Seoul, Republic of Korea, ¹⁷Department of Surgery, Research Institute of Clinical Medicine, Jeonbuk National University Hospital, Jeonbuk National University and Biomedical Research Institute, Jeonju, Republic of Korea, ¹⁸Department of Surgery, Gachon University Gil Hospital, Incheon, Republic of Korea, ¹⁹Department of Internal Medicine, Division of Oncology/Hematology, Korea University College of Medicine, Seoul, Republic of Korea, ²⁰Department of General Surgery, Busan Paik Hospital, Inje University Surgery, Busan, Republic of Korea, ²¹Department of Surgery, Inha University Hospital, Inha University School of Medicine, Incheon, Republic of Korea, ²²Department of Surgery, Soonchunhyang University Bucheon Hospital, Bucheon, Republic of Korea, ²³Department of Surgery, Inje University Sanggye Paik Hospital, Seoul, Republic of Korea, ²⁴Department of Surgery, Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea, ²⁵Department of Surgery, Myongji Hospital, Goyang, Republic of Korea, ²⁶Department of Surgery, Konkuk University Medical Center, Konkuk University School of Medicine, Seoul, Republic of Korea, ²⁷Department of General Surgery, Keimyung University School of Medicine, Daegu, Republic of Korea, ²⁸Department of Surgery, Daejeon St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Seoul, Republic of Korea

KEYWORDS

breast cancer, premenopausal women, chemotherapy, ovarian function, bone health

A Correction on

Comparative study on bone mineral density in premenopausal patients with estrogen receptor-positive breast cancer in ASTRRA Study: a 5-year follow-up study

By Shin E, Kim SI, Park M-h, Kim H-A, Jung Y, Ryu JM, Park EH, Kim SY, Lee E-G, Lee MH, Park JH, Im S-A, Bae SJ, Kang SH, Lim WS, Youn HJ, Park HK, Park KH, Kim TH, Park SY, Lim CW, Kwak GH, Park C, Shin HJ, Yoo YB, Kang SH, Kim BK and Kim HJ (2025) *Front. Oncol.* 15:1465256. doi: 10.3389/fonc.2025.1465256

An incorrect **Funding** statement was provided. The correct **Funding** statement reads:

“This research was supported by a grant of the Patient-Centered Clinical Research Coordinating Center (PACEN) funded by Ministry of Health & Welfare, Republic of Korea (grant number: RS-2024-00396822) and the Asan Institute for Life Sciences, Asan Medical Center, Seoul, Korea (grant number: 2020IF0004).”

The original version of this article has been updated.

Publisher's note

All claims expressed in this article are solely those of the authors and do not necessarily represent those of their affiliated organizations, or those of the publisher, the editors and the reviewers. Any product that may be evaluated in this article, or claim that may be made by its manufacturer, is not guaranteed or endorsed by the publisher.