Reviewer's report

Title: Endothelin-1 plasma levels in patients with osteoporosis

Version: 2 Date: 25 May 2005

Reviewer: Miryoung L Lee

Reviewer's report:

General

Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

Comments

1) The study design of this manuscript is cross-sectional. Thus, authors need to rewrite The study was performed prospectively on second paragraph, page 5.

2) Data analysis and Results: In method section (Data analysis), it seemed like that authors performed two separate one-way ANOVA tests to investigate the differences in plasma levels of endothelin across the groups of normal, low bone density and osteoporosis participants (i.e., osteoporotic status), or across the sexes.

Based on the Results (Section: Levels according to gender) and Figure 1, however, it looked like that they used two-way ANOVA incorporating two independent variables (osteoporotic status and sex), and found significant interaction effects between osteoporotic status and sex on the levels of plasma endothelin. Was there any significant sex difference on the levels of plasma endothelin independent of osteoporotic status? Please clarify the information.

What next?: Accept after minor essential revisions

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Needs some language corrections before being published

Statistical review: No

Declaration of competing interests:

No.
I declare that I have no competing interests.