Reviewer’s report

Title: Time Course of 1,25-(OH)2D (Vitamin D) as well as PTH (Parathyroid Hormone) during Fracture Healing of Healthy and Osteoporotic metaphyseal human Bone

Version: 5 Date: 20 December 2012

Reviewer: Koshi Kishimoto

Reviewer’s report:

- Major Compulsory Revisions

The authors have been made a significant effort to revise their manuscript. They mostly corrected the description about the results based on non-significant difference. However, before closing discussion they described again ‘increase of PTH in first week after fracture healing is accompanied by a slight decrease of 25(OH)D3.’ The first sentence of conclusions is broken. What is ‘on a molecular’

- Minor Essential Revisions

Colors in table and figures are not necessary. It is just a waste of resources. There still exist vertical lines in tables. Labels of graphs are inadequate. X axis requires ‘weeks’, Labels of Y axis should be 25(OH)D3 [pg/l]. Figure legends should be more self-explanatory. The note ‘Table 2’ should locates on the top of table like table 1.

- Discretionary Revisions

The authors declared that a native English speaker edited this manuscript. This reviewer is not a native English speaker. However, this reviewer believes that this manuscript is not enough refined as scientific writing. Background and Discussion of their manuscript are too much fragmented. Several paragraphs consist of single sentence. Comma use is not adequate. For example, ‘Between March 2007 and February 2009 (,) 54 patience over’. There exists typo, ‘the first study to examen (examine)’.

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, the manuscript does not need to be seen by a statistician.
Declaration of competing interests:

I declare that I have no competing interests.