Author's response to reviews

**Title:** Improvement in health-related quality of life in osteoporosis patients treated with teriparatide

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To the editors of BMC-Musculoskeletal disorder:

After reviewing the comments and recommendations by the reviewers, the following revisions had been made to this updated manuscript.

-Improvements in HRQL was evaluated separately for patients with a prior history of vertebral fractures. This was not done for femoral fractures, as only 1 patient from this study had a history of a femoral fracture.

-Regarding patient compliance, all patients with follow-up data at 3 or 6 months were compliant to their treatment, with some patients lost to follow-up who may have been non-compliant. (Please see Figure 1).

-Regarding Table 1, the patient’s fracture history has been clarified, with the number of vertebral fractures now included.

-the patients who were treated with teriparatide and did not have a history of vertebral fracture, were on this treatment because they had severe osteoporosis, with no improvement on bisphosphonate therapy.

-Patient data is now evaluated separately at 3 months and 6 months follow-up instead of a composite, and this was repeated for all patients, as well as just in the patients with vertebral fractures.

-Vertebral fractures were defined as: patients with clinical fractures with x-ray report confirmation

-Changes in analgesia use are now included (table 4).

-regarding minimal clinically significant change:

It has been suggested, from previous work, that changes within each domain score of approximately 0.5 represents a clinically important difference in quality of life.


Your sincerely,

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