Reviewer's report

Title: Decreased fracture incidence with traditional Chinese medicine therapy in patients with osteoporosis: A nationwide population-based cohort study

Version: 1 Date: 20 Aug 2018

Reviewer: Ye-Seul Lee

Reviewer's report:

The authors' response to the comment regarding immortal time bias was accurate and informative.

However, the author's corrections regarding bias does not show that the study is free of bias; rather, the answers increased the uncertainty of the studies in a sense that the lower incidence of osteoporotic fracture might not be due to TCM use, but due to lower severity of the disease and/or higher economic level of TCM group patients. The fact that there were only 18 patients when matched for the possible variables may imply that the differences of economic levels and patient severity may also be the cause of the different utilization level of TCM service.

Any researcher with experience on Kaplan-Meier curve will notice this major problem in this study. Therefore, it seems crucial that the authors include more limitations and explain the implications of this study, in order to prevent any overestimation of the results and the meanings.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

No

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes
Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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