Reviewer’s report

Title: Comparison of Screening Strategies for Prevalent Vertebral Fractures in South Korea: Vertebral Fracture Assessment vs. Spine Radiography

Version: 0 Date: 29 Oct 2017

Reviewer: Yan Li

Reviewer's report:

Interesting paper, the authors present the research on new screening strategies for detecting vertebral fractures. Based on the results showed by authors, the conclusions are reasonable and objective. However, I have several issues that need to be addressed:

1. As the authors stated in the manuscript, VFA had a risk of misdiagnosis caused by false negative rates of about 20%, then why the VF prevalence in X-ray following VFA group and VFA only group had the similar result?

2. How did the specificity of VFA cost calculated?

3. Not only patients with VF need anti-osteoporosis treatment, how do authors deal with patients without VFs (such as osteoporosis with back pain) start anti-osteoporosis drug treatment?

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.

Yes

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

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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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