Reviewer's report

Title: Psychotropic drugs and the risk of fractures in old age: a prospective population-based study

Version: 1 Date: 6 May 2010

Reviewer: Vladimir PALICKA

Reviewer's report:

1. Question is well defined
2. Methods are appropriate in great majority.
   
   As an indicator of muscle strength (especially for failure-risk consideration) the stand-up test and/or other tests considering lower limbs would be preferable instead of handgrip.

   What is missing is to follow-up of vertebral fractures during the prospective study. Chest X-ray was taken at baseline, only. As vertebral fractures could be very common in this population, missing of its data invalidate the results of the study

   Data should be added or clearly discussed what for are missing

3. Data are O.K.
4. Manuscript is prepared according the common rules and standards
5. Discussion is well balanced and conclusions are clear - with the respect of missing data of vertebral fractures
6. Limitations are clearly mentioned and discussed
7. Literature list is appropriate
8. Abstract and title corresponds to the content of text
9. No comments to the writing

Level of interest: An article of importance in its field

Quality of written English: Acceptable

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