Reviewer's report

Title: Association between physical activity and metabolic syndrome in middle-aged Japanese: a cross-sectional study

Version: 2 Date: 6 July 2011

Reviewer: HengHsin Tung

Reviewer's report:

Comments on May/12
1. Is the question posed by the authors well defined?
   Yes, it is well define.
2. Are the methods appropriate and well described?
   Healthy is too general. The sample criteria is not clear. Is the author collect co-existing diseases?
3. Are the data sound?
   Yes, they are.
4. Does the manuscript adhere to the relevant standards for reporting and data deposition?
   Yes, it is.
5. Are the discussion and conclusions well balanced and adequately supported by the data?
   On page 11 the discussion section, the first paragraph is repeating the results.
   Another major concern is the author should explain the new finding and how it can be apply to the clinical in the near future.
   Maybe the author can use cochrance library to search more evidence based related reference and add in clinical implication.
6. Are limitations of the work clearly stated?
   The author should talk more about the weakness of the way to recruit the samples.
7. Do the authors clearly acknowledge any work upon which they are building, both published and unpublished?
   Yes,
8. Do the title and abstract accurately convey what has been found?
   In the abstract, the background is only state about the objectives without any background. The author should use one or two sentence to talk about the background briefly in abstract.
9. Is the writing acceptable?
Yes, it is acceptable.