Reviewer's report

Title: Associations between Home and Ambulatory Blood Pressure Measurements and Cardiovascular Risk

Version: 2

Date: 17 February 2014

Reviewer: Yuichiro Yano

Reviewer's report:

Dr. Chrubasik-Hausmann et al., showed the cross-sectional associations among home BP, ABPM, and cardiovascular risk in general population (?). First of all, English is not good, so native check is definitively mandatory. There are so many sentences that are difficult to understand for me (also, for readers, I guess). Hence, I cannot understand what the authors wanted to say in this paper. Also, the authors raised three study objects; each has different direction, so it is too complicated.

ABSTRACT;

There is a discrepancy between the sentences “Results, Part 1, 1st readings were higher than those of the 2nd and 3rd” and “1st BPMs are not necessarily the greatest in individual cases”.

INTRODUCTION; The study object is unclear. What is your purpose in this study. Please modify all of the sentence with more specifically.

METHODS; Why did you select “125/80mmHg” as a criteria to recommend ABPM?

RESULTS; So many Figures and so many Tables….What is your purpose in your study? Also, I cannot quite understand Figure 3, 4, 7.

I cannot understand the sentence as below. Please correct them.

ABSTRACT; CVRABPM – CVRHBPM tended to increase overall with ABPM – HBPM but there was great inter-individual variation.”. Please specify.

ABSTRACT; ABPM – HBPM and corresponding CVRABPM – CVRHBPM are heavily influenced by inter-individual variation in other factors that determine CVR.”.

INTRODUCTION; Subjects who are taught to use the devices can do so at home (HBPM), away from many of the disturbances present in clinical settings, but the time and effort required of the subject place a limit on the number and timing of the measurements that can be made despite recommendations from guidelines”.

INTRODUCTION; ABPM has been advocated as a gold standard for determining whether a subject needs to be started on antihypertensive management, or to have the management changed, but it is less feasible for monitoring the time
course of any response to that treatment.

INTRODUCTION; What is BPM?
There are so many sentences that are difficult for understanding. In addition to that, the study purpose, data presentation, results, discussion, and your theory are too complicated for me. It is kind of chaos for me….

**Level of interest:** An article of insufficient interest to warrant publication in a scientific/medical journal

**Quality of written English:** Not suitable for publication unless extensively edited

**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' below