Reviewer's report

Title: Oscillometric measure of blood pressure detects association between orthostatic hypotension and depression in population based study of older adults

Version: 1 Date: 25 March 2013

Reviewer: Klaus P. Ebmeier

Reviewer's report:

Interesting opportunistic report, finding association between CES-D score and orthostatic hypotension in community sample not taking antidepressants.

Major Compulsory Revisions

"Against this backdrop, the present study addresses the ‘hypoperfusion hypothesis’ by investigating if orthostatic hypotension; a newly recognised risk factor for WMHs is associated with depression in older adults." -> "Against this backdrop, the present study addresses the ‘hypoperfusion hypothesis’ by investigating if orthostatic hypotension, a newly recognised risk factor for WMHs, that is associated with depression in older adults." This statement is factually incorrect. Orthostatic hypotension has previously been described as potential cause of white matter changes in dementia (see Brun & Englund Ann Neurol. 1986 Mar;19(3):253-62.). Please amend accordingly.

Unstandarised -> Unstandardised

Discretionary Revision

Table 3: Odds ratios and adjusted odds ratios are more intuitive to clinicians

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'