Reviewer's report

Title: Actigraphy as a diagnostic aid for REM sleep behavior disorder in Parkinson's disease

Version: 2 Date: 30 November 2013

Reviewer: Beom S. Jeon

Reviewer's report:

The authors studied the value of actigraphy as a diagnostic aid for RBD. Even though interesting, the results of the study did not compare the diagnostic value of interviews vs actigraphy so that it is hard to know whether there is any additional value of actigraphy as a screening tool over interview. Furthermore, disorders such obstructive sleep apnea, confusional arousals and nocturnal hallucinations which can be misdiagnosed by interviews were not included in the study. Therefore, the additional value of actigraphy in making a specific diagnosis over interviews is not studied.

Level of interest: An article of limited interest

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.