Reviewer's report

Title: Discriminant validity and test re-test reliability of a gait assessment in patients with vestibular dysfunction

Version: 2 Date: 13 June 2015

Reviewer: Robin Criter

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Minor Essential Revisions:
Page 2, Line 77: Please do not use abbreviations such as “e.g.” in manuscript text unless in parentheses. (Also Page 4, Line 148.)
Page 3, Methods – Patients and participants: Age is discussed later on as a possible confounding factor when comparing the patient and healthy control groups. I would like to see age range reported for both groups.
Page 3, Line 117: Please change “Data was uploaded…” to “Data were uploaded…”.
Page 4, Line 143: Please change “…test re-tests…” to “…test re-test…”
Page 7, Line 286: Please change “The use off...” to “The use of…”
Page 8, Line 291: Please change “trail” to “trial”.
Tables: I found the tables difficult to read (extra spaces, uneven rows and columns); however, this could have been due to the conversion to pdf

Major Compulsory Revisions:
Page 5, Results: I would like to know more about how the patients were classified as having a vestibular disorder (i.e., what tests or criteria were used, who made the diagnosis). Duration of dysfunction is not reported, although it is mentioned as a factor in the Discussion.

Level of interest: An article whose findings are important to those with closely related research interests

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.