Reviewer's report

Title: Do men and women differ in physical functioning and response to mobility training after hip fracture: a secondary analysis of the Enhancing Mobility After Hip Fracture trial

Version: 2
Date: 30 September 2014

Reviewer: Shylie Mackintosh

Reviewer's report:

Major Compulsory Revisions
None

Minor Essential Revisions
1. Revise the abstract to include number of males and females in the results section.
2. In the discussion address why one measure of balance demonstrated a significant difference but the other 5 balance measures indicated no differences (or even trends towards).
3. Revise the final sentence of the conclusion. At this stage there is little evidence to support different rehabilitation programs for men and women. The majority of the physical performance measures indicated no gender differences.

Discretionary Revisions
1. Consider revising the title to reflect the findings rather than posing a question.

Overall comments:
This is a very clear and well written manuscript. The methods are appropriate to answer the question and have been well described. The introduction provides a good overview of what has been published in this area to date and identifies the niche for this study. The discussion and conclusions are balanced and supported by the data analyses; however, I have suggested a few minor revisions. The major limitation, an imbalance between men and women in each group is adequately addressed in the discussion. Overall – a pleasure to read.

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