Reviewer’s report

**Title:** The 2016 HiGh Heels Health effects and psychosexual benefITS (HIGH HABITS) study: systematic review of reviews and additional primary studies

**Version:** 1  **Date:** 18 Jun 2017

**Reviewer:** Cyylie Williams

Reviewer’s report:

Thank you to the authors for their extensive responses and rewrite of the manuscript. It has greatly improved the logic and flow. I also believe these changes have dramatically changed the tone of the article as well.

I understand the challenge on risk of bias assessment with the inclusion of the types of papers. While I still believe that it should and could be done, I accept the authors response. In light of this though, no assessment of bias/quality should be stated as a limitation within the article. That narrative review and non-ability to undertake a meta-analysis and assessment of quality of articles may lead to the authors inadvertently over or understating the results of included manuscripts. This is an important statement to let the reader know they need to consider their own bias when reading the article.

I agree that being children into the discussion is valuable however still have issues with the wording. We make things adult only due to risk but also developmental status. The growth plates of the foot close by 16 in females, 17 in males. Some countries allow 16 year olds to drive, 18 year olds to drink but is 18 to drive and 21 to drink in other countries. Placing an age doesn’t help the article. I would encourage the authors to consider instead: Moreover, it may be worthwhile considering whether it is appropriate that high heels can be sold to and for the wear of people who are still skeletally immature.

Additionally, a few minor language/grammar considerations.

Ln 139 - Please reference the review discussed

Ln 171-172 - review of reviews should also be review of reviews and additions primary studies

Ln 283 - Reference required

Ln 323, 327, 343, - Spell out ED as emergency department. This is a different abbreviation in many countries so keep it as full text.

**Are the methods appropriate and well described?**
If not, please specify what is required in your comments to the authors.
Yes

**Does the work include the necessary controls?**
If not, please specify which controls are required in your comments to the authors.

Yes

**Are the conclusions drawn adequately supported by the data shown?**
If not, please explain in your comments to the authors.

Yes

**Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?**
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

Not relevant to this manuscript

**Quality of written English**
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

**Declaration of competing interests**
Please complete a declaration of competing interests, considering the following questions:

1. Have you in the past five years received reimbursements, fees, funding, or salary from an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

2. Do you hold any stocks or shares in an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

3. Do you hold or are you currently applying for any patents relating to the content of the manuscript?

4. Have you received reimbursements, fees, funding, or salary from an organization that holds or has applied for patents relating to the content of the manuscript?

5. Do you have any other financial competing interests?

6. Do you have any non-financial competing interests in relation to this paper?

If you can answer no to all of the above, write 'I declare that I have no competing interests' below. If your reply is yes to any, please give details below.
I declare that I have no competing interests

I agree to the open peer review policy of the journal. I understand that my name will be included on my report to the authors and, if the manuscript is accepted for publication, my named report including any attachments I upload will be posted on the website along with the authors' responses. I agree for my report to be made available under an Open Access Creative Commons CC-BY license (http://creativecommons.org/licenses/by/4.0/). I understand that any comments which I do not wish to be included in my named report can be included as confidential comments to the editors, which will not be published.

I agree to the open peer review policy of the journal