Author’s response to reviews

Title: A systematic review of correlates of sedentary behaviour in adults aged 18-65 years: a socio-ecological approach

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MAJOR REQUESTS -

1. The reviewers have requested that the discussion been shortened as it is overly descriptive and too much time is spent on the results being rehashed

   The discussion has been shortened and its focus has been redirected towards picking out the key messages and the implications of the findings

2. The text keeps switching between ‘correlates’ and ‘determinants’ particularly in the discussion

   Where possible the term determinant has been replaced by correlate. In some cases other authors who publication is being cited have used the term determinant so this has not been changed.
3. Scope to discuss how the individual factors interact with the intra-personal and environmental factors

Where possible this has been included in the discussion and also been included as a recommendation for further studies in the area of sedentary behavior

4. The search is now 18 months out of date and the suggestion is to update it

The search has been updated until SEPTEMBER 2015 – this resulted in the inclusion of an additional 13 articles in the manuscript. The entire results section, tables and discussion have been restructured to include findings from these papers.

MINOR REQUESTS -

1. Page 5, line 12-17 needs a reference – reference has been included

2. Add numbers to the aims for ease of reading – numbers have been added

3. The first paragraph on page 7 has been moved to methods as suggested and lines 17-25 moved to the discussion

4. The PRISMA statement was used to construct the flow chart provided

5. Heterogeneity was assessed based on clinical and methodological heterogeneity. As these two parameters were extremely heterogeneous, data was not pooled for analysis. This is now included in the data synthesis section on page 9

6. Three of the authors were involved with the data extraction (GO’D, JAN, CP) with an additional two authors involved if there was disagreement (JL and HvP)

7. Paragraph 2, page 29 (relating to the inconsistencies in SB definition) has been removed as suggested

8. The line “except for a couple of studies” on page 30 (line 6) has been removed

9. The conclusion has been rewritten to include a stronger take home message as suggested