Reviewer's report

Title: Do video game interventions improve motor outcomes in children with developmental coordination disorder? A systematic review using the ICF framework

Version: 0 Date: 01 Jul 2018

Reviewer: Reviewer 2

Reviewer's report:

"PEER REVIEWER COMMENTS: To view the full report from the academic peer reviewer, please see the attached file.

REVIEWER COMMENTS FROM REPORT: The review is well conducted and examines an interesting topic and upcoming area of research. However, there is a question over whether conducting the review was justified, given the limited research available and recent reviews conducted. The rationale for conducting the review was fairly weak, focusing on the inclusion of feasibility data and virtual reality, however, there was no virtual reality data available and feasibility data was very limited. Therefore, it is difficult to determine how much this review adds to the literature.

REQUESTED REVISIONS:

Abstract:
Is this review warranted if there are only 12 articles (10 studies) with questionable strength, and very similar reviews have only recently been conducted?

Why does the review focus on the use of virtual reality if there are no studies on this?

Background:
Make sure all abbreviations are in the list of abbreviations (e.g., DSM-5).

Page 3, Line 75-76 - provide examples of the difficulties experienced by these children.

Why the focus on virtual reality when no studies have examined this? I think the mention of virtual reality should be removed or only included in the discussion as another available intervention.

Check wording page 4 Line 82-86.

The rationale for the necessity of this review is not strong enough, very similar reviews have been conducted before, and using feasibility data and virtual reality as reasons for conducting
this review are not strong enough because of the small number of studies reviewed, even fewer providing feasibility data and none examining virtual reality.

Needs more information on how and why video games are used and why they are better than other more traditional methods.

Page 4 line 101-110 - this seems like more methodological information than background information.

Method:

Did the systematic review follow any established guidelines?

Results:

There is quite a lot of overlap in the reviewed studies, realistically only 8 separate interventions - is this enough?

Discussion:

Some of the discussion is quite repetitive of the results.


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

No

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

Unable to assess

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

Unable to assess
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:

Acceptable

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