Reviewer’s report

Title: Developing a Theory-based Multimedia Intervention for Schools to Improve Young People’s Asthma: My Asthma in School (MAIS).

Version: 0 Date: 21 Feb 2020

Reviewer: John Hayden

Reviewer's report:

Thank you for the invitation to review the manuscript "Developing a Theory-based Multimedia Intervention for Schools to Improve Young People's Asthma: My Asthma in School (MAIS).". I found the manuscript novel and of interest. The methods and intervention development are well described. I believe the authors should focus on improving the structure of the introduction, discussion and conclusions. The manuscript could probably be shortened too to avoid repetition and make it easier to read.

Consider the guidance in a resource such as (below) to structure these sections.

Some comments to assist with the improvement of the manuscript.
Title: The title should also indicate the study is a feasibility study (?and pilot study) in line with recognised terminology, [Also consider whether it meets the criteria of a true feasibility study]

Abstract:
P2L6 The aim of the study should include testing the feasibility of the developed intervention, not just develop the intervention.
P2L21 clarify whether it is 40 or 163 BCTs or subtypes of 40 etc
P2L27 the conclusions should reference whether feasibility has been established for future testing. Currently, the conclusions seem more appropriate for a definitive study.
P2L4 "identified as having suboptimal control" might sound better
P2L6 "around adherence", consider "realated to adherence"

Introduction
Difficult to follow.
P4L8 "conducted by the research group", what research group? Better to write in the third person.
P5L8 keep the aim of the study consistent between title, abstract and introduction, (and conclusions)
P4L27 " a review of", yet four citations? One review or many reviews?
P5L1-9 Some of this appears to be methods rather than background
P4L3 reference required
P4L4 should be "well controlled"
P4L6 General Practioner (GP)
P4L6 split sentence before ,"as well as"
P4L10 avoid emotive words "concerning"
P5L1 remove "as outlined below"

Methods
P13 do you state when this occurred?
P14 L1-4 an interesting finding that should be referenced in the discussion perhaps
P6L8 regimen not regime
P9 L12 remove "above"
P10 L19 citation error
P10L20 is this the name of the play "In Control", clearly state this
P10L19 this acronym has previously been defined

Results
P15L16 can you elaborate more on optimal numbers
P15L21 an interesting finding that needs to be discussed
Table 4, a combination of questions are difficult to gauge with a likert scale, plus should they be a statement rather than a closed question.
P17L6 probably discussion and not results

Discussion
Needs a standard structure, e.g. the suggested reference provided, Currently difficult to follow.
Suggest Summary of findings, comparison to the literature, strengths and limitations, implications and future work
P17L11 sounds like a conclusion
P17L14 this should be in a strengths/limitations paragraph
P17L22 a conclusion
P17L27 this paragraph does not flow well from the previous paragraph

Conclusions
Too long and needs revision, e.g. P19L20 these are results not conclusions

Level of interest
Please indicate how interesting you found the manuscript:

An article whose findings are important to those with closely related research interests

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?

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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.

None

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Were you mentored through this peer review?

No