Reviewer’s report

Title: Intervention Now to Eliminate Repeat Unintended Pregnancy in Teenagers (INTERUPT): a systematic review of intervention effectiveness and cost-effectiveness, and qualitative and realist synthesis of implementation factors and user engagement

Version: 2 Date: 22 May 2017

Reviewer: Jennifer Marino

Reviewer's report:

Review, BMED-D_1700169R2, "Intervention Now to Eliminate Repeat Unintended Pregnancy in Teenagers (INTERUPT): a systematic review of intervention effectiveness and cost-effectiveness, and qualitative and quantitative and realist synthesis of implementation factors and user engagement"

We are satisfied with the authors' work to address our previous suggestions. The manuscript is much clearer, not least because of the authors' attention to the excellent suggestions of Reviewer 3.

To clarify the second of our Overall comments, I think that it would be helpful to reference Charles et al. in the Introduction to clarify what questions have already been answered by this research effort, to embed this piece of research in the context of the previous work, and to increase readers' awareness of that work. The previous version of the manuscript alludes to this work only in passing in the Discussion, without making it clear that Charles et al. was produced from the same study.

I agree with Reviewer 3 that the work described in this manuscript has enough meat and detail to merit a second paper, which is further evidenced by the necessity of ten appendices, but of course timeliness may be an issue and the Editor's decision is the final authority.

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?
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Yes

Are the conclusions drawn adequately supported by the data shown?
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Yes

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I am able to assess the statistics

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