Reviewer's report

Title: Adolescent coordinated transition (ACT) to improve health outcomes among young people living with HIV in Nigeria: study protocol for a randomized controlled trial

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Reviewer: Sowmyanarayanan Thuppal

Reviewer's report:

This manuscript describes the protocol for a cluster randomized study designed to evaluate the effectiveness of Adolescent Coordinated Transition on retention rate, viral suppression and psychosocial wellbeing in adolescent children aged 13-17 years compared to usual care.

The manuscript is very well written. I have few suggestions/comments to the authors:

1. The study design incorporates an hybrid design that looks at both effectiveness of the intervention and implementation. The manuscript talks in detail about the effectiveness part. But it will be helpful to the readers if you could elaborate on the implementation. It is important to understand the feasibility of this intervention in the real world scenario.

2. The study administers 5 different questionnaires (4 psychosocial + 1 TRAQ) for the study participants. More information on why these tools are administered and what different information are collected using these tools will help the readers understand the need for so many tools.

3. The information on the role of DSMB may be minimized to important key points for this manuscript.

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

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Quality of written English
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Needs some language corrections before being published
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All images and figures within the manuscript should be genuine i.e. without evidence of manipulation. No specific feature within an image may be enhanced, obscured, moved, removed, or introduced. If you have concerns about the veracity of the figures you should choose the first option below.

Statistical review

Is it essential that this manuscript is seen by an expert statistician? If so, please give your reasons in your report.

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