Reviewer’s report

Title: “Effects of antiretroviral therapy among HIV positive adults on HIV infections among young women: a systematic review protocol”.

Version: 1 Date: 22 Jan 2019

Reviewer: Deborah Passey

Reviewer's report:

Dear Authors,

Thank you for taking the time and effort to respond to comments and make the necessary revisions. I have few more comments and suggestions to help clarify this protocol.

1. "The extraction form will be used to extract relevant data from the eligible studies such as: bibliometric information, participants' demographics, study location, reported outcomes and measures of effect related to the risk of HIV infection among young women in the study, and other outcomes." You need to include more information on the included studies. Please include in your extraction form the 1) type of intervention(s) and characteristics of the interventions from each study and 2) the intervention setting, not just the location - i.e. the universe from which the population is selected (e.g. randomly sampled from an entire community, convenience sample from a clinic, etc)

2. The population in which you are measuring the outcome (new incidence among young women) is different than the population receiving the intervention (adults 18+ HIV+). The way it is written it is confusing because you are not looking at the main outcomes and target population of the studies to be included, but you are examining a specific age subgroup of the wider population. I would like to see more explicit language about examining a specific age-subgroup within the included studies and how you will interpret this. Please refer to the Cochrane Handbook - https://handbook-5-1.cochrane.org/chapter_9/9_6_2_what_are_subgroup_analyses.htm

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