

Reviewer #1:

Scientific Quality: Grade D (Fair)

Language Quality: Grade C (A great deal of language polishing)

Conclusion: Major revision

Specific Comments to Authors: The study aimed to determine which factors were associated with the development of pre-cancerous polyps on screening colonoscopy in patients with HIV; and whether HIV disease status, measured by viral load and CD4 count, might influence adenoma development.

And the authors conclude that patients with low CD4 counts are more likely to have precancerous polyps on their screening colonoscopy although the etiology for this association is unclear, and they also find an increased risk of precancerous polyps in patients taking NNRTs, which is contradictory to prior literature showing ART has decreased the risk of development of NADMs.

Finally, they conclude that further prospective studies are needed to determine the effect of HIV control and therapies on polyp development. It was interesting.

However, I have some comments.

There were some grammatical mistakes in the paper.

- Paper was re-read with all grammatical mistakes addressed

Some abbreviations were not regularized.

- Paper was re-read with all abbreviations addressed and clearly stated

The necessity of this paper should be clearly addressed in the Introduction.

- Scope of the problem: try to show there is not a lot of knowledge in the HIV population literature and there is contradictory literature.

Flow chart should be arranged using a figure.

- Use that for how you picked patient

Healthy control group should be settled.

- Healthy control= well controlled HIV

Relevant images should be presented using figures.

- Images/Tables were added as figures

The logistic regression data should also be provided a figure.

- OR table provided in figure

Relevant mechanisms should be discussed in the Discussion.

- Proposed mechanisms with supporting citations have been added to discussion

Reviewer #2:

Scientific Quality: Grade B (Very good)

Language Quality: Grade A (Priority publishing)

Conclusion: Accept (General priority)

Specific Comments to Authors: Thank you so much for the opportunity to review this paper: HIV Patients With Low CD4 Counts Are More Likely To Develop Precancerous Polyps I have some comments:

The Title reflect the main results of the manuscript, and the abstract summarize the work described in the manuscript. **I could not find the Key Words in the manuscript.** The background is significance to the study. The methods described in adequate detail what was performed in the study. The results had some new research progress in the field. It could be logical to think that results, but the authors prove it. Discussion, Illustrations and tables were adequate. The manuscript meets the requirements of biostatistics.

- Key Words: Colonoscopy, non-AIDs defining malignancies, HIV, Adenoma Detection Rate