



PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Endoscopy*

Manuscript NO: 84640

Title: Human immunodeficiency virus Patients with Low CD4 Counts Are More Likely to Have Precancerous Polyps identified during Index Colonoscopy

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 03805385

Position: Peer Reviewer

Academic degree: FASCRS, MD, PhD

Professional title: Assistant Professor, Attending Doctor, Doctor, Medical Assistant, Postdoctoral Fellow, Research Associate, Senior Research Fellow, Surgeon

Reviewer’s Country/Territory: Brazil

Author’s Country/Territory: United States

Manuscript submission date: 2023-03-22

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-04-11 12:20

Reviewer performed review: 2023-04-11 16:45

Review time: 4 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty



Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation
Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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.



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Peer-review model: Single blind

Reviewer's code: 04427657

Position: Editorial Board

Academic degree: MD

Professional title: Chief Physician, Professor

Reviewer's Country/Territory: China

Author's Country/Territory: United States

Manuscript submission date: 2023-03-22

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-04-18 06:22

Reviewer performed review: 2023-04-18 06:44

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation



Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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. 1. There were some grammatical mistakes in the paper. 2. Some abbreviations were not regularized. 3. The necessity of this paper should be clearly addressed in the Introduction. 4. Flow chart should be arranged using a figure. 5. Healthy control group should be settled. 6. Relevant images should be presented using figures. 7. The logistic regression data should also be provided a figure. 8. Relevant mechanisms



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should be discussed in the Discussion.



RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: *World Journal of Gastrointestinal Endoscopy*

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Peer-review model: Single blind

Reviewer’s code: 04427657

Position: Editorial Board

Academic degree: MD

Professional title: Chief Physician, Professor

Reviewer’s Country/Territory: China

Author’s Country/Territory: United States

Manuscript submission date: 2023-03-22

Reviewer chosen by: Jia-Ru Fan

Reviewer accepted review: 2023-05-17 23:54

Reviewer performed review: 2023-05-18 09:01

Review time: 9 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The manuscript has been improved after revisions. I have no further comments.