

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 88859

Title: Emerging space for non-polyethylene-glycol bowel preparations in inflammatory bowel disease-related colonoscopy: Veering toward better adherence and palatability

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06730456

Position: Peer Reviewer

Academic degree: PhD

Professional title: Research Assistant Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Italy

Manuscript submission date: 2023-10-11

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-10-13 14:36

Reviewer performed review: 2023-10-16 04:42

Review time: 2 Days and 14 Hours

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 Grade E: Do not publish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 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 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 purpose of this paper is the emergence of non-polyethylene glycol-based bowel preparation methods for patients with inflammatory bowel disease undergoing colonoscopy. non-polyethylene glycol-based bowel preparation methods are associated with better palatability and adherence, potentially improving patient compliance and satisfaction. It is a very meaningful editorial paper. Some questions remain: 1.The emergence of non-polyethylene glycol-based bowel preparation methods offers numerous advantages; however, this paper lacks specific details regarding these methods. Mere examples fail to provide sufficient information. 2.I am unable to comprehend the meaning of the abstract, as it appears incongruous with the intended objective of the article. Such as the sentence "Most available evidence has testified for a better profile of these (generally polyethylene glycol, PEG, based) than non-PEG low-volume (e.g., magnesium citrate plus picosulphate, oral sulphate solutions)." 3.The list of the table 1 is not comprehensive for such a sweeping statement. A number of clarifications and additions are required. 4.The language in the manuscript also needs polishing. Especially in the part of "WHAT PROBLEMS PLAGUE NON-PEG



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PREPARATIONS, AND WHAT PIECE IS MISSING FOR THE LIBERALIZATION OF
THEIR USE IN IBD?""

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Reviewer's code: 03262691

Position: Peer Reviewer

Academic degree: MA

Professional title: Chief Doctor, Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Italy

Manuscript submission date: 2023-10-11

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-11-02 09:24

Reviewer performed review: 2023-11-04 16:35

Review time: 2 Days and 7 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 checked="" type="checkbox"/> Grade A: Excellent <input 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

The prerequisite for a clear visualization of a colonoscopy in patients with colon diseases including IBD is an adequate bowel preparation for which polyethylene glycol (PEG)-based solutions have been utilized for years and many more to come. However, the demerits of PEG-based preparations are that they are not always palatable and tolerable in quite a few patients resulting in an unclear colonic mucosa due to insufficient intake of large volumes of solution. Complaints from patients are often heard in clinical settings. Nevertheless, low-volume non-PEG-based preparations are fortunately emerging. This editorial summarizes the new and recent clinical studies conducted in patients with IBD using non-PEG preparations to argue for their potential usefulness for comparable efficacy and safety to PEG-based preparations, and yet better tolerance and palatability. Although at present non-PEG-based preparations are not recommended in major international guidelines the authors call for a modification of the recommendations in future guideline updates under a conditional stratification of IBD patients upon different colonoscopy goals. Therefore, it is wise and farsighted to foresee the "emerging space" for non-PEG-based preparations "veering toward an approach for better adherence and



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palatability". This editorial is well-written and organized in a very logical way, just hits the target.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: *World Journal of Gastroenterology*

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Peer-review model: Single blind

Reviewer's code: 06730456

Position: Peer Reviewer

Academic degree: PhD

Professional title: Research Assistant Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Italy

Manuscript submission date: 2023-10-11

Reviewer chosen by: Cong Lin

Reviewer accepted review: 2023-11-07 01:52

Reviewer performed review: 2023-11-07 02:12

Review time: 1 Hour

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
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" 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

This editorial paper holds significant value and is recommended for acceptance.