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PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 72847

Title: Apheresis: A Cell-based Therapeutic Tool for the Inflammatory Bowel Disease

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 00503545 Position: Editorial Board Academic degree: MD, PhD

Professional title: Director, Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: United States

Manuscript submission date: 2021-10-30

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-10-31 23:42

Reviewer performed review: 2021-11-05 08:01

Review time: 4 Days and 8 Hours

Scientific quality	[] Grade A: Excellent [] Grade B: Very good [Y] Grade C: Good [] Grade D: Fair [] Grade E: Do not publish
Language quality	[] Grade A: Priority publishing [Y] Grade B: Minor language polishing [] Grade C: A great deal of language polishing [] Grade D: Rejection
Conclusion	[] Accept (High priority) [] Accept (General priority) [Y] Minor revision [] Major revision [] Rejection
Re-review	[]Yes [Y]No
Peer-reviewer	Peer-Review: [Y] Anonymous [] Onymous



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statements

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

SPECIFIC COMMENTS TO AUTHORS

In this paper, the authors reviewed the mechanism and the evidence of the efficacy of GMA and LCAP in UC and CD patients. This paper is well written and the contents of the paper are interesting. I would like to make a suggestion to the authors as follows. I think that it is better to add Tables in which key findings regarding the safety and efficacy of GMA and LCAP in special inflammatory bowel disease patients are briefly summarized.



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Provenance and peer review: Invited Manuscript; Externally peer reviewed

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Reviewer's code: 00503243 Position: Editor-in-Chief Academic degree: MD

Professional title: Professor

Reviewer's Country/Territory: Italy

Author's Country/Territory: United States

Manuscript submission date: 2021-10-30

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-10-31 09:37

Reviewer performed review: 2021-11-06 11:21

Review time: 6 Days and 1 Hour

Scientific quality	[Y] Grade A: Excellent [] Grade B: Very good [] Grade C: Good [] Grade D: Fair [] Grade E: Do not publish
Language quality	[Y] Grade A: Priority publishing [] Grade B: Minor language polishing [] Grade C: A great deal of language polishing [] Grade D: Rejection
Conclusion	[Y] Accept (High priority) [] Accept (General priority) [] Minor revision [] Major revision [] Rejection
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Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

This is a review well written, complete and updated on the treatment of the different forms of Inflammatory Bowel Disease with two distinct apheretic methods: the granulocyte-monocyte-apheresis (GMA) and the new technique of leukocytapheresis (LCAP). Bothe gtechniques are well described as well as their efgfeicacy and saffety in the digfferent forms of IBD. The study recommend larger randomized trials to better establish efficacy and safety, the cost-benefit analysis of the procedures and a better comparioson between the two techniques