



PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 60538

Title: Cytapheresis re-induces high-rate steroid-free remission in patients with steroid-dependent and steroid-refractory ulcerative colitis

Reviewer's code: 03721184

Position: Peer Reviewer

Academic degree: PhD

Professional title: Occupational Physician

Reviewer's Country/Territory: China

Author's Country/Territory: Japan

Manuscript submission date: 2020-11-04

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-12-30 14:59

Reviewer performed review: 2021-01-05 12:55

Review time: 5 Days and 21 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 Grade E: Do not publish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 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 type="checkbox"/> Accept (General priority) <input checked="" 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



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SPECIFIC COMMENTS TO AUTHORS

The paper is well written and no ethical concerns have to be raised. A few items could be addressed which might strengthen the work. 1. In line 2-3 page 5, "The mean DAI and CAI scores before CAP decreased significantly after CAP ($P < 0.0001$)" is quite confusing. Should it revised to "The mean DAI and CAI scores were significantly decreased after CAP ($P < 0.0001$)"? 2.As said in the part of "Introduction", CAP is usually performed using two methods, namely GMA and LCAP. Could the authors compare the differences between these two methods either in the part of "Results" or "Discussion"?



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Name of journal: World Journal of Gastroenterology

Manuscript NO: 60538

Title: Cytapheresis re-induces high-rate steroid-free remission in patients with steroid-dependent and steroid-refractory ulcerative colitis

Reviewer's code: 02439547

Position: Editorial Board

Academic degree: PhD

Professional title: Doctor, Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Japan

Manuscript submission date: 2020-11-04

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-12-31 03:40

Reviewer performed review: 2021-01-13 04:26

Review time: 13 Days

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 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 type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" 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



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SPECIFIC COMMENTS TO AUTHORS

The treatment of refractory ulcerative colitis in the clinic is still a problem, despite the new biologics. Cytapheresis is effective in the treatment of ulcerative colitis, but the current research on its treatment of ulcerative colitis is insufficient. The study clarified the efficacy of Cytapheresis in achieving steroid-free remission in refractory UC patients, and provides evidence for the effective treatment of refractory ulcerative colitis by Cytapheresis. However, the following points need to be considered and explained. 1. Two different treatments, GMA and LCAP, are included in the study. Is it possible to compare the effects of these two methods in refractory ulcerative colitis? 2. Does your patient's medical records include CRP, albumin, neutrophils and monocytes? If so, they should be compared before and after treatment to assess the effect of Cytapheresis.



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Name of journal: World Journal of Gastroenterology

Manuscript NO: 60538

Title: Cytapheresis re-induces high-rate steroid-free remission in patients with steroid-dependent and steroid-refractory ulcerative colitis

Reviewer’s code: 03261497

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Associate Professor, Senior Postdoctoral Fellow

Reviewer’s Country/Territory: Brazil

Author’s Country/Territory: Japan

Manuscript submission date: 2020-11-04

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-12-31 00:56

Reviewer performed review: 2021-01-20 20:12

Review time: 20 Days and 19 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 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 type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" 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



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SPECIFIC COMMENTS TO AUTHORS

This is an interesting report demonstrating the efficacy of cytophereses in the control of steroid dependent and steroid refractory UC patients. The title , the background, results and discussion is well done. I would like to make some suggestions to the authors: 1) Legend of figures - it is not necessary to include an explanation of findings as demonstrated in the figures, as they are included in the text; 2) If possible include the results of neutrophils and monocytes, comparing before and after treatment to assess the effect of the proposed treatment. And also fecal calprotectin, PCR ? 3) Review the format of references 4) Discuss the impact of this treatment in the clinical practice , comparing to the others drugs treatment, including costs and quality of life. Also, I have some questions : Is UC patients with proctitis included? Do you have in the medical records data about surgical rate in the short- and long-term ? Do you think that UC patients with disease activity not responding to steroids can represent a refractory disease or a more time is necessary to conclude this ?