

PEER-REVIEW REPORT

Name of journal: *World Journal of Diabetes*

Manuscript NO: 79456

Title: Hyperbaric oxygen therapy and chemokine administration - a combination with potential therapeutic value for treating diabetic wound healing

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05476795

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Indonesia

Author's Country/Territory: India

Manuscript submission date: 2022-08-22

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-08-24 02:28

Reviewer performed review: 2022-08-28 16:08

Review time: 4 Days and 13 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 Grade E: Do not publish
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 checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input 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="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

1. An interesting topic, raising a discussion about the reaction given when someone with a wound that is difficult to heal is exposed to HBOT. But can you explain the technique of giving HBOT therapy specifically for diabetic foot ulcers? does he have to be given a certain amount of pressure? In addition, how long does the therapy take to achieve the expected results? 2. In this study, it was explained that HBOT with hyperoxygenation conditions can increase the production of reactive oxygen species (ROS). It was also explained that HBOT was able to balance this situation with decreased NF- κ B expression and stimulated activation of I κ B α . What if in a situation, these conditions do not occur and there is an imbalance?

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Peer-review model: Single blind

Reviewer's code: 05449202

Position: Peer Reviewer

Academic degree: PhD

Professional title: Assistant Professor, Postdoctoral Fellow

Reviewer's Country/Territory: Iran

Author's Country/Territory: India

Manuscript submission date: 2022-08-22

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-08-30 03:58

Reviewer performed review: 2022-09-05 09:02

Review time: 6 Days and 5 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 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



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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

Dear editor in chief Thanks for inviting me to review of manuscript. This paper has a good title and written structure. But the authors did not mention about how selected references, which was used or denied. Also they did not announce how Analysis the results too. About ethical statements, they didn't say anything. The manuscript need to revise and added mention items. Best regards Dr Nasrin Samadi

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Reviewer's code: 05449202

Position: Peer Reviewer

Academic degree: PhD

Professional title: Assistant Professor, Postdoctoral Fellow

Reviewer's Country/Territory: Iran

Author's Country/Territory: India

Manuscript submission date: 2022-08-22

Reviewer chosen by: Jing-Jie Wang

Reviewer accepted review: 2022-10-02 05:27

Reviewer performed review: 2022-10-02 05:30

Review time: 1 Hour

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

Dear editor in chief I confirm revised manuscript. Best regards