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PEER-REVIEW REPORT

Name of journal: *World Journal of Diabetes*

Manuscript NO: 85426

Title: Conbercept combined with laser photocoagulation in the treatment of diabetic macular edema and its influence on intraocular cytokines

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06521131
Position: Peer Reviewer
Academic degree: MD

Professional title: Assistant Professor, Lecturer

Reviewer's Country/Territory: India

Author's Country/Territory: China

Manuscript submission date: 2023-05-31

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-06-04 13:33

Reviewer performed review: 2023-06-12 08:55

Review time: 7 Days and 19 Hours

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Novelty of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No novelty
Creativity or innovation of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No creativity or innovation

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Scientific significance of the conclusion in this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No scientific significance
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) [Y] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection
Re-review	[ ] Yes [Y] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

At present, the etiology of diabetic macular edema is not completely clear, and its main clinical treatment strategy is laser photocoagulation of the retina under glycemic control. With the development of research, it is known that the development of DME is closely related to VEGF. Intravitreal injection of anti-VEGF drugs can rapidly improve the symptoms of DME, and has attracted clinical attention. So in this retrospective study, authors investigated the efficacy of intravitreal injection of conbercept combined with retinal laser photocoagulation in treating DR with macular edema and compared the effectiveness of conbercept injection based on laser photocoagulation in the treatment of DR. It also provides a new scheme for clinical treatment of DR with macular edema. I am very grateful to the article for its very detailed description of the therapeutic method, which is very helpful to clinicians. In addition to this, the results of the article are presented clearly and are discussed thoroughly by the authors. I suggest that the manuscript could be published in its present form.

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Reviewer's code: 06519581
Position: Peer Reviewer
Academic degree: MD, PhD

Professional title: Associate Professor, Research Associate

Reviewer's Country/Territory: United Kingdom

Author's Country/Territory: China

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Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-06-06 10:43

Reviewer performed review: 2023-06-14 00:34

Review time: 7 Days and 13 Hours

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Novelty of this manuscript	[Y] Grade A: Excellent [ ] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No novelty
Creativity or innovation of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No creativity or innovation

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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	[Y] Yes [ ] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The manuscript deals with an interesting and important point, the authors investigate the efficacy of laser photocoagulation combined with intravitreal injection of conbercept for treating DME. The topic has a clinical relevance. The manuscript is well written: the title reflects the main subject of the article, abstract and keywords well summarize the arguments. However, the title should summarize the core content of the manuscript, so that people may readily understand the key concepts and important findings presented within. Also, it's best not to use prepositional phrases, the current title needs to be modified. The methodology is described in detail and is well structured. The authors retrospectively compared clinical efficacy and seven indicator and incidence of adverse reactions. The results showed that intravitreal injection of conbercept combined with laser photocoagulation could be more effective in treating DME, shortening the treatment process, and reducing the level of cytokines in the eye. The discussion is well articulated according to results and the authors have clearly underlined the limitations and drawbacks of the manuscript. I think one of the advantages of this article is that it provides more ideas for DME therapy and it warrants further promotion. The tables are

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