

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 81570

**Title:** Tear inflammation related indexes after cataract surgery in elderly patients with type 2 diabetes mellitus

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 06058871

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor, Associate Specialist, Research Scientist

**Reviewer's Country/Territory:** United Kingdom

**Author's Country/Territory:** China

**Manuscript submission date:** 2022-11-15

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-11-17 08:49

**Reviewer performed review:** 2022-11-29 11:27

**Review time:** 12 Days and 2 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 Grade E: Do not publish
Judgment by peer reviewers	Does this manuscript meet the code of ethics standards? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Does this manuscript have important novelty? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Does this manuscript have important creativity or innovation?

	<input type="checkbox"/> [J31] Yes <input type="checkbox"/> [J30] No Does this manuscript use reliable research methods? <input type="checkbox"/> [J41] Yes <input type="checkbox"/> [J40] No Are the manuscript-accompanying data and figures authentic? <input type="checkbox"/> [J51] Yes <input type="checkbox"/> [J50] No Does this manuscript make scientifically significant conclusions? <input type="checkbox"/> [J61] Yes <input type="checkbox"/> [J60] No
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> [Y] Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> [Y] Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> [Y] No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> [Y] Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> [Y] No

## SPECIFIC COMMENTS TO AUTHORS

This is an interesting study of the postoperative expression of inflammatory factors in senile diabetic cataracts to discuss the effect of drugs on the control of postoperative inflammation, xerophthalmia, and other complications. The study is very well designed and the results are interesting. Minor comments: 1. There are some minor language polishing. 2. Please check the figures, no “\*” were found in the figures. 3. A short discussion of the limit of this study should be included.

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**Reviewer's code:** 06058716

**Position:** Peer Reviewer

**Academic degree:** FRCA, PhD

**Professional title:** Assistant Professor, Research Associate

**Reviewer's Country/Territory:** Germany

**Author's Country/Territory:** China

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### SPECIFIC COMMENTS TO AUTHORS

This study is very interesting. The authors compared the expression levels of MMPs/TIMPs, IL and other related inflammatory mediators in the tears of senior cataract patients with or without combined type 2 diabetes postoperative. The means of the postoperative inflammation control in patients with different types of cataracts and clinical medication to reduce postoperative complications is explored. The manuscript is very well written. The reviewer has no specific comments to the authors. Well done.