

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 46635

Title: DIABETES MELLITUS AND CATARACT

Reviewer's code: 02624173

Reviewer's country: India

Science editor: Fang-Fang Ji

Date sent for review: 2019-02-20

Date reviewed: 2019-02-21

Review time: 9 Hours, 1 Day

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input checked="" type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Nice article. I feel the title 'Cataract in diabetes mellitus' will be more appropriate. The concluding sentence of abstract can be improved. It's not correct grammatically also. The 'pathogenesis of cataract' may be replaced with 'Biochemical mechanisms for cataract in diabetes'. Different mechanisms may be explained systematically by giving subheadings.



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The manuscript needs to be thoroughly checked for grammatical errors. Few examples of sentences which need to be corrected are: The type of cataract seen in diabetic patients is also has been investigated. ...may be confounding mechanism The study consists 3684 participants 43 years of age and older, and performed 5 years. Hyperglisemia induced myopia and when intensive medical therapy applied, patients tend to become more hyperopic as compared to the hyperglycemic state. dexametason Thus, it is important to reduce the surgery time and not to complicated surgery. but the effect of DM on entire eye structures can result in another problems. Hence, the evaluation of specular microscopy for all people with diabetes is recommending routinely.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No



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RESPONSE LETTER

We would like to thank the editor and reviewers of the *Cornea* for their careful and thorough reading of our manuscript and for the thoughtful comments and constructive suggestions, which help to improve the quality of the manuscript.

Response 1: According to reviewer's comment, the title of the manuscript was changed as '**Cataract in Diabetes Mellitus**'.

Response 2: The conclusion of the abstract was revised as: '**However, the diabetic population is still at risk of vision-threatening complications, such as diabetic macular edema, postoperative macular edema, diabetic retinopathy progression, and posterior capsular opacification**'.

Response 3: The 'pathogenesis of cataract' was replaced with '**Biochemical mechanisms for cataract in diabetes**'.

Response 4: To explain the different cataract pathogenesis the following subheadings were given: '**Polyol pathway, Osmotic and oxidative stress, Autoimmunity**'.

Response 5: The manuscript was reviewed throughout regarding English language. The editing certificate for the paper was also attached.

Respectfully...