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PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 48046

Title: Keratoconus in a patient with Alport Syndrome: a case report

Reviewer's code: 02453616

Reviewer's country: United States

Science editor: Jin-Lei Wang

Reviewer accepted review: 2019-07-02 14:49

Reviewer performed review: 2019-07-15 01:07

Review time: 12 Days and 10 Hours

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[ ] Grade E: Do not publish		[ ] Rejection	[ ] Advanced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

SPECIFIC COMMENTS TO AUTHORS

The authors presented a case who is a patient of Alport syndrome that has frequent ocular manifestations but rarely shows keratoconus. This reviewer considers that this case could be a valuable source to investigate the underlying molecular mechanisms for both Alport syndrome and keratoconus because both have somewhat similar symptoms

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but rarely associated with each other clinically. Genetic loci and specific mutations associated with Alport syndrome were identified, and variants of the same two genes were also implicated in keratoconus. It is very important to investigate the whole exome, or even the whole genome, of this patient. The authors already nicely touched upon the possible genetic mutations of Alport syndrome patients and keratoconus in discussion. Since the inheritance of keratoconus has not been thoroughly investigated so far, it would be nice if they went further to see what mutations this patient has in these genes. If the authors do not want to extend the study, they probably can lay out the future study plans in more depth. There are some typos that require minor editorial polish.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

[ ] The same title

[ ] Duplicate publication

[ ] Plagiarism

[Y] No

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[Y] No