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PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 78415

Title: Morphological and electrophysiological changes of retina after different light damage in three patients: a case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03731081
Position: Peer Reviewer
Academic degree: MD

Professional title: Professor

Reviewer's Country/Territory: Russia

Author's Country/Territory: China

Manuscript submission date: 2022-06-25

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-06-25 14:23

Reviewer performed review: 2022-06-26 12:28

Review time: 22 Hours

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[Y] Grade A: Priority publishing [ ] 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

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

SPECIFIC COMMENTS TO AUTHORS

This manuscript is very interesting. The authors presented three relevant clinical cases. Light-induced emissions often affect the eyes in everyday life and at work. The article contains an analysis of the cause of eye damage in each clinical case. Old laser damage to the retina with a laser pen in the first case. Instant exposure to strong LED light in the second case. Contact with optical fiber in the third case. The manuscript contains a description of pathological retinal lesions detected by modern diagnostic methods. The manuscript is recommended for publication.

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Reviewer's code: 03522829
Position: Peer Reviewer
Academic degree: PhD

Professional title: Assistant Professor

Reviewer's Country/Territory: Egypt

Author's Country/Territory: China

Manuscript submission date: 2022-06-25

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-06-27 23:09

Reviewer performed review: 2022-07-08 11:31

Review time: 10 Days and 12 Hours

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
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

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

SPECIFIC COMMENTS TO AUTHORS

The aim of this proposal is to report three typical cases of retinal injury caused by light-related stimulation. In fact, the current proposal is well written and interesting. Therefore, I recommend the publication of the current proposal after some minor revisions as the following: 1- Could the authors highlight that '' diode laser-induced hyperreflective lesions appear in the retina of zebrafish via activation of Müller glia (MG) cells'' ? Reference: Neuropilin-1 may be responsible for retinal findings in patients with COVID-19. Hum Cell. 2021 Jul;34(4):1280-1281. doi: 10.1007/s13577-021-00532-0. 2- Please add a diagrammatic figure to summarize the findings for the current proposal.