

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 71960

Title: Optic disc cupping associated with macular retinoschisis: a case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05347189

Position: Peer Reviewer

Academic degree: DNB, MBBS

Professional title: Consultant Physician-Scientist, Surgeon

Reviewer's Country/Territory: India

Author's Country/Territory: China

Manuscript submission date: 2021-09-27

Reviewer chosen by: Fei-Yan Lin (Online Science Editor)

Reviewer accepted review: 2022-01-06 03:20

Reviewer performed review: 2022-01-09 16:31

Review time: 3 Days and 13 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 Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The title may be modified as 'Optic disc coloboma associated with macular retinoschisis: a case report'. The word 'Case report' may be omitted from the Key Words list.

Abstract: 1. The Background part in Abstract may be modified as 'To report an unusual case of bilateral optic disc coloboma associated with macular retinoschisis in the left eye'.

2. In the Case Presentation part of Abstract, the first line needs to be modified as the patient cannot present with 'the optic disc coloboma of both eyes, and the a macular retinoschisis left eye', rather the patient presents with some visual complains. Please modify the sentence. 3. In the Case Presentation part of Abstract, the word 'dark' may

be omitted from the sentence 'serous detachment dark area is connected with the enlarged optic disc coloboma through the above-mentioned drainage gully-like structure'. Background: 1. Please clarify the sentence 'it is mostly caused by

congenital abnormalities, physiological large optic cups, glaucoma optic disc coloboma, and optic nerve atrophic coloboma' in the Background part of the Case Report. 2.

Please reconstruct the sentence 'It has not attracted much attention in the past, and it is reported as follows.' in the Background part of the Case Report. Case presentation: 1.

Please modify the sentence 'A 37-year-old woman suffered from visual distortion in the left eye for more than 1 year due to decreased vision in the left eye.' as visual distortion

and decreased vision both are different entities. 2. Please reconstruct the sentences 'Denies systemic diseases. High myopia in both eyes was corrected with glasses, and

there was no family history of eye diseases.' 3. Please use past tense instead of present tense. 4. Use the word 'both eyes' instead of 'two eyes'. 5. Please mention full form of

C/D. 6. Please provide the HVF 24-2 reports. 7. Please clarify the sentence 'B-Scan scan left the macular retinal serous neuroepithelial detachment'. 8. Please reconstruct

the sentence 'B-Scan scan left the macular retinal serous neuroepithelial detachment, the discontinuity of the ellipsoid zone and the cleavage between the outer nuclear layer of the retina, en-face OCT shows the drainage-like structure formed by the defect of the optic disc nerve fiber layer between the optic disc and the macula, serous detachment the dark area and the enlarged optic disc coloboma inferior to the temporal area are connected via the above-mentioned canal and gully-like structure.' as this is too long and difficult to interpret. 9. Please modify the sentence 'Magnetic head imaging showed no brain abnormalities.' 10. Please reconstruct the sentence 'The posterior scleral macular buckling of the left eye was under general anesthesia on November 27, 2019.' 11. Please mention what are the investigations performed in each follow up visit and if possible, provide the images. Discussion: 1. Please provide citation for acquired secondary optic disc coloboma. 2. Please modify the phrase 'Kuhnet al'. 3. Please clarify the sentences 'The right eye was more obvious than the left eye. As a result, a serous macular retinoschisis occurred in the left eye'. 4. Please avoid repeated use of similar sentences like 'The pathogenesis of optic disc coloboma -related macular serous retinoschisis may be similar to optic disc pit-related macular serous retinal retinoschisis'. 5. Please clarify the sentence 'The vitreous body is produced during this period when the vitreous body is not completely detached afterwards'. 6. Please clarify and reconstruct the sentences 'For fluids derived from cerebrospinal fluid or vitreous liquids are not the main problem. The two liquids caused by the above factors may enter the macular retinal layer'. 7. Please clarify and reconstruct the sentence 'The transport of nutrients and metabolites in the retina is mainly Healthy Bruch membrane and RPE adjust the balance'. 8. Please reconstruct the sentence 'The arcuate loop capillary network veins are responsible for transporting and regulating fluid'. Conclusion: 1. Please omit the phrase 'To sum up' and modify the sentence. 2. Add one to two sentences regarding management part of the condition in conclusion. 3. Please reconstruct the sentence

‘Properly monitor patients with optic disc coloboma and macular degeneration’.

Figures: 1. Please avoid describing various parts of a single image separately, rather describe in a combined manner, i.e. ‘Figure 1: Stereoscopic color photography of optic disc of right (1a) and left (1b) eye’. Please modify figure legends of all images in the similar manner.

Other Comments: 1. Please avoid using complete terminologies repeatedly throughout the article, rather use the complete terminology for the very first time with the abbreviation mentioned alongside and only use the abbreviation subsequently, i.e. Both Eyes (OU), Right Eye (OD), Left Eye (OS) etc. 2. Grammatical and sentence construction errors needs to be rectified appropriately throughout the article.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: *World Journal of Clinical Cases*

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Position: Peer Reviewer

Academic degree: DNB, MBBS

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Reviewer's Country/Territory: India

Author's Country/Territory: China

Manuscript submission date: 2021-09-27

Reviewer chosen by: Yun-Xiaojuan Wu

Reviewer accepted review: 2022-04-12 17:09

Reviewer performed review: 2022-04-14 18:26

Review time: 2 Days and 1 Hour

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
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Title: This is a case of bilateral optic disc coloboma only. Thus, replacing the term 'coloboma' with 'cupping' is not necessary. Please use the term 'coloboma' throughout the manuscript instead of the term 'cupping'. Please modify the whole manuscript accordingly. **Abstract:** In the Case Presentation part of Abstract, the following modifications are required: 1. Please use phrase like 'presented with complaints of' instead of 'complained of' in the first sentence. 2. Use "more than" instead of '>'. 3. Add 1-2 sentences following the initial sentence regarding clinical examination findings before describing investigation findings. **Case presentation:** 1. Please refer to the comment no. 1 for the Abstract part for appropriate modification of the Chief Complaints. 2. 'Physical examination' part is actually describing 'Ophthalmological Examination' findings, thus please modify the sub-heading accordingly. Each examination findings should be described for both eyes together (OD > OS), i.e. 'The unaided visual acuity was 20/1000 in the right eye which was improving up to 20/20 (with ?) and 20/1000 in the left eye, improving up to 20/200 (with ?). Intraocular pressure (IOP) measured with Goldmann applanation tonometry (GAT) was 10 mmHg and 12 mmHg in the right and left eye respectively.' [? = please mention whether it's with Pin Hole or with Refractive correction] Please modify the sentences accordingly. Please add posterior segment clinical examination findings for both eyes here. 3. Please remove the 'fundus examination' phrase from the 'Imaging examinations', as this part describes investigation findings only. Please use appropriate phrase as applicable. 4. Please provide the HVF 24-2 images if available. 5. Please modify the sentence 'Humphrey Field Analyzer II (Zeiss) and 24-2 Swedish Interactive Thresholding Algorithm standard strategy binocular visual field examination revealed that the physiological blind spots of both eyes increased, while the sensitivity of the peripheral

retina of the right eye and that of the peripheral and central retina of the left eye decreased' appropriately, i.e. 'Visual field examination for both eyes were performed with Humphrey Field Analyzer II (Zeiss) using 24-2 Swedish Interactive Threshold Algorithm (SITA) standard strategy'. Please clarify how you have measured peripheral retinal sensitivity with a central 24-2 VFA for both the eyes. 6. Does 'macular retinal serous neuroepithelial detachment' mean 'macular serous neurosensory retinal detachment'? 7. Remove the 'Laboratory examination' part if no pathological, biochemical, microbiological or genetic testing had performed for the patient and add the 'Magnetic head imaging' sentence to the 'Imaging Examinations' part. 8. Please remove the 'gonioscopic examination' from this part and add it to the 'Physical examination' part after due modification as mentioned above. 9. Please use full form of 'mo' in 'Outcome and follow-up'.