Reviewer’s report

Title: Peripheral Retinal Neovascularization Secondary to Highly Myopic Superficial Retinoschisis: A Case Report

Version: 0 Date: 09 Oct 2019

Reviewer: Lea Bennett

Reviewer's report:

This manuscript is a well-written case study of a highly myopic Chinese woman who develops neovascularization secondary to retinoschisis with 2 episodes of vitreous hemorrhage. This manuscript was easy to follow and an interesting case.

In the background section of the abstract, the authors say that the occurrence of neovascularization is "rarely reported" in high myopia. This implies that there has been at least 1 report. This statement is not the same as in the background of the case report. Can you please give more background that summarizes existing literature for those who are not familiar with myopia associated with peripheral retinoschisis and neovascularization?

In the case presentation, there was no mention of the patient's medical history. Was there any relevant medical history?

In the Discussion, please add a reference to the 1st statement "The clinical manifestations of retinoschisis….."

In the Discussion, the authors say that myopic neovascularization associated with retinoschisis occurs in the RNFL. The language implies that there were no other affected layers. Reference 1 shows a single OCT scan where there are schisis cavities in both the RNFL and the ONL. The 2nd reference also shows images with cavities in multiple layers (ONL, RNFL, and between the IPL and GCL). I was unable to access reference 3. Reference 4 shows schisis in the GCL, INL, and OPL but not in the RNFL. Please reword or clarify the statement.

Line 86, I think the term "inaccurate" is an inappropriate thing to write. The suggestion will be better received if you say something that indicates a "better description" when referring to retinoschisis associated with superficial capillary plexus. "inner retina schisis" is referring to schisis of the inner retina, as opposed to the outer retina, not to which plexus is affected. If you are wanting the nomenclature to change specific to SCP, you should be careful not to offend others who study the outer/inner retina or retinoschisis not associated with vascular changes.

Line 90 mentions VEGF. Can you comment on your chosen treatment option instead of an administering an anti-VEGF treatment?

Can you put the images in order as addressed in the text?
Please add arrows for reference in pictures that were described in the text.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Unable to assess

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

Not relevant to this manuscript

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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