Reviewer’s report

Title: A cerebral Arteriovenous Malformation mistakenly diagnosed as Dry Eye and Glaucoma: a case report

Version: 0 Date: 27 Apr 2019

Reviewer: Anton Lennikov

Reviewer’s report:

Case report BOPH-D-18-00931 "A cerebral Arteriovenous Malformation mistakenly diagnosed as Dry Eye and Glaucoma: a case report" by Shen et al., is an excellent presentation of a rare ocular complication of cerebral arteriovenous malformation useful for the clinical readership. The case report is clearly written and well presented. Authors encouraged to address few minor points before publication.

-Authors should review their writing paying extra attention to proper placement of spaces between words, sentences and abbreviations, i.e. page 6, line 114, 115; page 8, line 154

-Manuscript ban benefits from proofreading by native speaker several sentences, especially in the discussion, sound disjointed, i.e. page 6, line 112, page 7; line 145, 146; page 7 line 148 and few others. Some grammatical issues such as commas placement shuld be addressed as well.

-Authors discouraged to use etc. in scientific text.

-Repeated use of the word ophthalmologist, in conclusion part, should be rephrased.

Acknowledgments:

1. I am not sure if the subject of the study can be acknowledged in the manuscript;
2. line 222, authors suggested replacing the word "explanation" with "interpretation."

Figure legend:

Figure 1 - Authors refers to figure 1 panels A and B as well as C. However, no such designations are presented in figures making it hard to interpret presented images. Please spell the abbreviation of AVM in the figure legend.

Figure 2 - Please emphasize in the text that it is the same eye presented at different angles to demonstrate all areas of the conjunctiva post-treatment. As at glance figure may give the impression the subjects eye is photographed at different time points or left, and the right eyes are presented. If authors have the images with sufficient details, they may present an image of both
the left and right eyes of the subject to demonstrate the differences before and after treatment. Authors can also use the term "External Ocular Photography" rather than "appearance."

Figures:

Please add figure panels designations such as A, B, C authors suggest to use frame and arrows of different color or shape to identify:

- AVM
- posterior cerebral artery
- pericallosal artery and medial atrial vein

At the angiography photograph so the image will be easy to follow for non-specialist.

If authors have fundus images of the patients available, they should be included to emphasize lack of abnormalities within the patient retina and optic nerve.

Also, if authors have the 3D rendered image of the AVM based on results of CTA, CTV and MRI it could be presented as well for example as supplementary video.

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.

Yes

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:

Needs some language corrections before being published

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