Reviewer’s report

Title: Quadrantic Vortex vein decompression with subretinal fluid drainage for management of Nanoophthalmic choroidal effusions. Review of Literature and case series

Version: 2 Date: 15 Jul 2019

Reviewer: Benjamin Hale

Reviewer’s report:

This article is generally well written and succinct. I am not sure that this is a novel technique or approach to uveal effusion syndrome and I believe also not unique to nanophthalmous associated uveal effusion syndrome. The authors do reference the work done by Dr. Brochurst et al. It does, however, add to the literature and the approach in nanophthalmic eyes is interesting and there has been very little published since the 1980s.

The authors should be commended on the figures and illustration of technique.

I would like to point out a few minor suggestions to the authors to consider in the abstract and the body of the manuscript.

1. Abstract. First page. States compression instead of decompression. I believe this is correct in the reformatted abstract.

2. Introduction Paragraph 4, first sentence. New paragraph, specify to the first time reader what "it" is you are classifying. It is not apparent at first whether you are classifying uveal effusion syndrome, nanophthalmous, or nanophthalmic uveal effusion syndrome?

3. The authors reference a 1974 article by Brochurst et al. Please check this reference and make sure this is how Brochurst classified uveal effusion syndrome in the original article and that nothing has been lost in further publications since then. Also, are there any recent publications that suggest a classification scheme and is this classification scheme still accepted?

4. Introduction Paragraph 7, second sentence. What type of drainage are you referring to? Specify subretinal or suprachoroidal fluid.

5. Case Presentation, Case 1, 2nd paragraph 3rd sentence. Fundus findings in nanophthalmous are variable and sometimes normal. I would suggest not describing the finding as nanophthalmic fundus and instead describe the findings. ie Leopard spotted rpe changes, macular hypoplasia, crowded disc, etc.

6. Case 2, paragraph 1, second sentence. Again, describing the fundus findings instead of stating nanophthalmic fundus.
7. Conclusion - article is about nanophthalmic uveal effusion syndrome. Note that effusion syndrome was left out in this sentence.

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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