Reviewer’s report

Title: MR Imaging Features of Orbital Langerhans Cell Histiocytosis

Version: 2 Date: 09 Jun 2019

Reviewer: Sentaro Kusuhara

Reviewer's report:

The manuscript (#BOPH-D-19-00089R2, by Wu C, et al.) is well revised, but there are still concerns some of which I cannot condone. Therefore, I do not recommend for publication as is.

1) In Results of Abstract, what modality was used to detect the appearance of hemorrhage and cystic change? As I pointed before, MRI can display various images resulting from hemorrhage. However, we cannot know whether there is hemorrhage at the lesion until we do surgery.

2) In Table 2, the characteristic of lesions can be evaluated by the combination of MRI images. Table 2 only shows the number of cases on each MRI imaging technique, which I think is non-informative. What we know is the number of cases whose MRI images were, for example, T1w high/T2w low/Gd enhancec(-), T1w high/T2w low/Gd enhancec(+), T1w iso/T2w high/Gd enhancec(+), etc.

3) On Page 6, line 33-36: grammatical mistakes should be amended. Plus, please show the values of visual acuity in unaffected patients.

4) I guess Figure 4 is representative tissue images. If so, there is no novel information because this kind of image is reported elsewhere. In addition, given that all tissue images were like those in Figure 4, what makes different MRI images?

5) In Results of Abstract, the words "majority" and "several" are still ambiguous. Description such as "x out of y (??%)" is suitable for a scientific report.
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.

No

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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