Reviewer’s report

Title: Changes of choroidal structure after treatment for primary intraocular lymphoma: retrospective, observational case series

Version: 0 Date: 05 Sep 2015

Reviewer: Shinataro Horie

Reviewer’s report:

This manuscript reports interesting EDI-OCT findings in PIOL before and after treatment. Authors analyzed not only structural changes of whole choroid but also its components i.e. interstitial area, luminal area.

Major problem

From table 2, the differences of each set of data don’t look large before and after IVMTX. Authors should describe statistical methods more in detail i.e. used software etc. From manuscript, Wilcoxon signed rank test was adopted. I think it is reasonable to use this method.

However, using Prism6 software which I always use, the analyzed result by myself are P=0.0625 in choroidal thickness, P=0.0625 in interstitial area, P>0.999 in luminal area. The included pairs of data are 1) case 1-OD, 2) case1-OS, 3) case 2-OD, 4) case 3-OS and 5) case4-OS.

Please show more detail information or results of your statistical evaluation.

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

No

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.

I recommend additional statistical review

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

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