Reviewer’s report

Title: Posterior capsular opacification comparison between morphology and objective visual function

Version: 1 Date: 21 Dec 2018

Reviewer: Nino Hirnschall

Reviewer's report:

This manuscript nicely shows the correlation of visual function tests, stray light testing and morphological changes (OCT). The sample size is small, but the methods section is solid.

There are some issues that I would like to address:

- Two types of PCO are mentioned- the question is, if the second type of PCO is really "fibrotic" PCO. Please specify, if it was really fibrotic PCO, or monolayers of regenerative PCO.
- 48 eyes of 45 patients were included. How did the authors correct for the few cases with bilateral inclusion ?
- the correlation coefficient is mentioned. Do the authors mean r2, or r ?
- The analysis of the OCT images is mentioned in detail. But how were the retroillumination images graded and how was the correlation with CDVA, OSI,... ?
- Figures 4 and 5 should be shown as box plots

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.

I am able to assess the statistics

**Quality of written English**

Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

**Declaration of competing interests**

Please complete a declaration of competing interests, considering the following questions:

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