Reviewer’s report

Title: Correlation and predictability of ocular aberrations and the visual outcome after quadrifocal intraocular lens implantation: a retrospective longitudinal study

Version: 0 Date: 19 May 2019

Reviewer: Paulo Schor

Reviewer's report:

congratulations for the work. it is indeed very important to study the visual behaviour under new technology options.

authors already pointed the study limmitations such as control lack and retrospective study, but I see the major benefit of such paper as a quasi-qualitatity case series presentation, where the reader might draw his/her own conclusions.

for that to be true, an individual descentration of the bag and the lens shall be presented and correlated with bcva. in such individual plots it might de possible to highlight the outliers of a smooth (even in this relativelly small sample) trend.

statistical analysis in such scenario may overestimate (or underestimate) the clinical relevance and specially, the clinician reading of you results

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.

No

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:
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