Reviewer’s report

**Title:** LASIK-induced Corneal Changes after Correction of Hyperopia with and without Application of Mitomycin-C

**Version:** 1  **Date:** 05 Mar 2019

**Reviewer:** Pierfrancesco Mirabelli

Reviewer's report:

Nice interesting prospective randomized Clinical study, well designed, with well balanced Groups, clear research questions and aims, and novel results to present, relevant for Clinical praxis. I think that one of the main strengths is that the study is prospective and randomized, and that could be lifted in the beginning of the discussion where the Author compare their results with those of a similar but retrospective study.

As for the methods and statistics, it would have been more correct to do statistical inference on Visual acuity using LogMar scale; anyway, since most of the other papers on the topic use the same method as the Authors, that is statistics on Snellen Visual acuity, I believe it is acceptable without any changes needed.

The text is clear and well written, easy to follow.

I think that Figures and Tables are also good, but they might be improved with some clarifications:

- Table 1 and 2: specify which values are compared in order to obtain the p-value in the columns (in Table 2 I think it is a comparison between 1 week and 12 months, and not preoperative; what is in Table 1?)

- As for the statistics, I just raise a question: would it be better to explain why/when the different tests are used?

As a conclusion according to me it is a good study worthy to be published.

**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.

I am able to assess the statistics

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

Acceptable

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