Reviewer’s report

Title: Comparison of intraocular pressure measured by ocular response analyzer and Goldmann applanation tonometer after corneal refractive surgery: a systematic review and meta-analysis

Version: 0 Date: 25 Jul 2019

Reviewer: Xiaofei Wang

Reviewer's report:

This is a good review on IOP measurements after corneal reflective surgery. The manuscript is well structured and written. However, I have several comments for improving this manuscript.

Major comments:

1. I suggest the authors to incorporate text to briefly introduce the theories of various IOP measurement methods. This should include how IOPGAT, IOPcc and IOPg was measured and why they were affected by CCT.

2. Biomechanical properties of the cornea have a large impact on the IOP measurement, I suggest the authors to elaborate more this point in the Discussion section.

3. Page 11, Line 21. CCT is an incontrovertible influencing factor for IOPg as it could vary the resistance of the cornea to the air jet indentation. As mentioned above, a more detailed introduction of the theories of various IOP measurement methods could improve the impact of this manuscript.

Minor Comments:

Please define abbreviations GAT and ORA when first used in the abstract.

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

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