Reviewer's report

Title: Instability of 24-Hour Intraocular Pressure Fluctuation in Healthy Young Subjects: a prospective, cross-sectional study

Version: 1 Date: 23 June 2014

Reviewer: Luca M Rossetti

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1. Major. It is not clear what it is compared in the study. I see the p-values in the Tables but I don’t understand what they refer to. Also, it is not mentioned what statistical test has been used for comparisons (and what are comparisons). I think that providing the ICC with CI is not sufficient to the reader: something related to the variability extent and its statistical significance should be presented. Probably ANOVA is the best test to address the issue.

2. Minor. Was CCT measured?
Was there a sleep/wake time? It would be interesting to see whether variability was higher during the wake time rather than during the sleep time.
In the abstract there’s the term wonderful agreement. Please change to excellent if appropriate.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

No competing interest