Reviewer’s report

Title: Binocular function to increase visual outcome in patients implanted with a diffractive trifocal intraocular lens

Version: 3 Date: 7 June 2015

Reviewer: Tiago B. Ferreira

Reviewer’s report:

The study provides by Kretz et al provides an objective answer to a question all surgeons empirically know the answer for and as such is an interesting addition to the scientific literature.

Discretionary Revisions:
- In the abstract the number of patients should be part of the methods and not results

Minor Essential Revisions
Line 129: Funduscopy should be changed to fundoscopy
Line 187: Change zylinder to cylinder

Major Compulsory Revisions
- Although refractive results are good, the authors should explain why they chose the Haigis formula in all eyes. It is known that some formulas perform better in long eyes.
- All P values should have the same number of decimal places. So change all values smaller than 0.001 to P<.001.
- Was there any difference in results of binocular vs. monocular VA in cataract versus CLE patients?

Level of interest: An article of importance in its field

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

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:
I declare that I have no competing interests