Reviewer’s report

Title: The effect of Goldmann 2-mirror and Sussman 4-mirror gonioscopy on keratometry and corneal surface topography.

Version: 1 Date: 5 June 2006

Reviewer: Edward AH Mallen

Reviewer’s report:

General

George et al. quantify the effect of gonioscopy on corneal measurements, and relate these findings to potential errors in IOL power calculations.

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Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)

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Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

The authors should define the terms 'A' and 'L' in the SRK II equation.

The work 'years' should be inserted after '50 and 75' in the methods section.

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Discretionary Revisions (which the author can choose to ignore)

The study collected data on 99 subjects. Was this the N required for 80% power? If not, the minimum N for 80% power should be quoted.

What next?: Accept after minor essential revisions

Level of interest: An article of importance in its field

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

Statistical review: No

Declaration of competing interests:

I declare that I have no competing interests