Reviewer's report

Title: Changes of Macular Sensitivity and Morphology After Pars Plana Vitrectomy For Macular Edema With Central Retinal Vein Occlusion: a case series

Version: 1 Date: 19 September 2012

Reviewer: David Steel

Reviewer's report:

Although limited the report is well written and of interest but some issues need attention

Major
The authors make no mention of lens status - did all the patients have phacovitrectomies done ? -if not were lens opacities graded ? cataracts are a potential major confounder to this type of study especially with an age group of ~70 years old . The needs addressing. If phacovits were done its surprising that the despite the absence of laser, that no patient developed iris neovasculariation

There is no Table 1 presented and this needs to be included - Does this include details on Va spread, duration of CRVO, and degrees of ischaemia ? these are essential to interpret the results as well as lens status data.

the abstract should be changed to make it clear that many of the results were non significant

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

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

I have attended advisory board meetings for Alcon , Novartis. Thrombogenics and Allergan