Reviewer’s report

Title: M-charts as a tool for quantifying metamorhopsia in age-related macular degeneration treated with bevacizumab injections

Version: 1 Date: 29 November 2012

Reviewer: Pierluigi Iacono

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In this interesting paper the authors provide a comparison between M-Chart and Amsler Grid as parameters of evaluation of the metamorphopsia in eyes receiving intravitreal bevacizumab for neovascular AMD. They concluded that M-charts is superior in detecting metamorphopsia and may be used in assessment of efficacy of treatment with IVB in patients with CNV secondary to AMD.

Actually the gold standard for evaluating the activity of CNV is the OCT and the fluorescein angiography (eventually combined with ICGA). A parameter that takes into account the activity of the CNV lesions should therefore be compared with these methods. A comparison with the retinal thickness alone does not appear appropriate. One should consider also the morphological analysis of the OCT scans and the fluorangiographic characteristics of the CNV.

Moreover, a longer follow-up would be more appropriate to determine if this method can be used to identify the cases with complete resolution of metamorphopsia, the cases with persistent metamorphopsia and the cases with recurrence of metamorphopsia associated with CNV recurrence.

The objective of the study is very interesting but its current design and method do not appear to provide new information.

Level of interest: An article of insufficient interest to warrant publication in a scientific/medical journal

Quality of written English: Acceptable

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'.