Reviewer’s report

Title: The Effect of Education on the Assessment of Optic Nerve Head Photographs for the Glaucoma Diagnosis

Version: 1 Date: 10 January 2011

Reviewer: luis pablo

Reviewer’s report:

The authors aimed to assess the effect of one single lesson on sensitivity and specificity for the diagnosis of glaucoma using nerve head photographs. They concluded that sensitivity increased while specificity remained unchanged.

I have not identified major problems in the study design, the question is well defined, the methods are appropriate and the conclusions adequately supported by the data. Nevertheless I have some questions for the authors:

The authors stated that sensitivity was highest in the group of glaucoma experts but the numbers in table 2 provides scarce differences between general ophthalmologists and glaucoma specialists, moreover the effect of the lesson on sensitivity was similar in the whole sample. It is possible that the number of evaluators in some groups is too small to draw conclusions on the matter.

Also is surprisingly high the decreasing number of uncertain cases among glaucoma experts after the lesson, I think this subject should be commented in the discussion.

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

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.