Reviewer’s report

Title: Comparison of the Monocular Humphrey Visual Field and the Binocular Humphrey Esterman Visual Field Test for Driver Licensing in Patients with Glaucoma in Sweden.

Version: 1 Date: 26 March 2012

Reviewer: Sherry Bass

Reviewer’s report:

Major Compulsory Revisions:

The author attempts to demonstrate that the HEVF may not be adequate in testing patients with glaucoma since some fail the HVF and pass the HEVF.

1. The author states that 16 subjects passed both tests but in the Methods section, that author states that all patients had previously presented with glaucomatous field loss. Were the fields only performed once in his study or were they repeated. How does the author account for this discrepancy?

2. The author defines that POAG was diagnosed based on the appearance of the optic disc. Was that the only criteria? What about the retinal nerve fiber layer? What about the IOP?

3. Did the patients who passed the HVF have an earlier stage of glaucoma?

4. The 8 subjects who failed the HVF but passed the HEVF-what stage of glaucoma did they have and did they all have the same stage? Early? Moderate, etc.

5. There are many errors in sentence structure and English grammar-the editor can review.

6. Be consistent with the use of the word subjects vs. patients. The author should refer to them as subjects, not patients.

7. How can a loss in a portion of the nasal field affect driving? Driving requires a temporal field. Loss of the nasal field in one eye due to glaucoma would be compensated for by the normal temporal field of the fellow eye. The subject in Figure 1 and 2 had arcuate nasal loss, yet passed the HEVF. Would this subject be expected to have difficulty driving because of his field loss and why? . The author should reference studies that demonstrate how glaucomatous field loss affects driving and if his subjects had the degree of field loss which would be expected to affect driving. Did any subjects who failed HVF and passed HEVF have advanced glaucomatous field loss?

8. Of the 40 patients, what were the stages of glaucoma? Again, what were the disease characteristics of the patients who failed the HVF but passed the HEVF.

9. The author should expand the description of the "various types of field defects" and be more specific.
**Level of interest:** An article of importance in its field

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

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

**Declaration of competing interests:**

None