Reviewer's report

Title: Internal jugular venous abnormalities in transient monocular blindness

Version: 2 Date: 24 October 2012

Reviewer: Mark Haacke

Reviewer's report:

Introductory comments:

This paper proposes that TMB may have a strong association with jugular flow abnormalities. The paper shows that there are stenosis present as measured at two levels and grades them into three parts. Although this is an interesting idea, the authors could do much more to convince this reviewer of the validity of these results since these cross sectional measurements are not very quantitative and since no flow data accompanies the results.

Major Compulsory Revisions:

1) The authors should have reviewed the 3D MRA data if this is what they mention in the methods section. No example data are given for this and no discussion of how the data were analyzed is presented making it hard to assess the results of this paper.

2) What flow data was available for the ultrasound data?

3) Did the ultrasound data correlate with the stenosis?

4) Was there MR flow data available?

5) Do any of the quantitative data correlate with TMB symptoms?

6) Did more than one author assess the data and if so is there an inter-rater reliability measure?

7) References could be more updated, there are many papers available on this topic.

8) More relevant figures would be helpful representing a population of these patients.

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.