Reviewer's report

Title: Microbiological Analysis of Office-based three-port Microincision Vitrectomy Surgery

Version: 2
Date: 19 January 2014

Reviewer: Nieraj Jain

Reviewer's report:

The authors have adequately addressed prior suggestions. Please see the following revisions:

Major compulsory revisions: None

Minor essential revisions:

“Discussion” section
Please change to “Egger et al.”

“missed during collection.” This statement refers to false negative rates of intraoperative cultures. It may be that they were “missed during collection” or that the culture itself was not sensitive enough.

“better wound closure at the end” should read “better conjunctival wound closure at the end” since the authors state that none of the scleral wounds were sutured.

“Conclusion” section
“the risks of vitreous bacterial contamination rarely arises during the set-up and process of the surgery.” May be more appropriate to substitute “rarely arises” with “is low” (or something similar) so that the conclusion is more in line with the results in this relatively small study given the limitations of the assay (as the authors acknowledge, there may be false negatives where a small bacterial load does not yield a positive culture)

Discretionary revisions:

“Patients and methods” under vitrectomy subheading, paragraph 1:
Consider “the surgeon was gloved and masked but not gowned”.

Re: “None of the sclerotomies needed to be sutured.” Consider mentioning if there were any cases of postoperative hypotony. Would defer to authors. They already do address the rate of postop choroidal detachment.

“a relatively low number of bacterial detection rates” may sound better if worded “a relatively low bacterial detection rate”

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