Reviewer's report

Title: Incidence of endophthalmitis after 23-gauge pars plana vitrectomy

Version: 0 Date: 22 Aug 2017

Reviewer: Stephan Hoffmann

Reviewer's report:

The manuscript „Incidence of endophthalmitis after 23-gauge pars plana vitrectomy“ by Lin et al reports the occurrence of endophthalmitis in a group of 3979 eyes receiving 23-gauge pars plana vitrectomy. The manuscript is well written and reports an endophthalmitis incidence of 0.075% in this group.

Despite the interesting topic, the manuscript can be improved before publication:

1. The authors should provide informations about the health status of the patients receiving a vitrectomy without endophthalmitis development. The health status of these patients should be compared with the health status of the endophthalmitis patients after vitrectomy.

2. Furthermore the surgery time of these two groups should be compared; also the training status of the surgeon would be of interest for the endophthalmitis development.

3. Use of pharmacological agents (triamcinolone) for vitrectomy should be mentioned in both groups.

4. Use of an endotamponade at the end of surgery should also be mentioned and compared.

5. Small spelling mistakes should be corrected

After these improvements, the manuscript should be ready for publication.
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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