Reviewer’s report

Title: Acute clouding of trifocal lens during implantation: a case report

Version: 0 Date: 30 Jul 2017

Reviewer: Youngsub Eom

Reviewer's report:

Thank you for the opportunity to review the manuscript titled, "Acute clouding of trifocal lens during implantation: a case report" by Qian liu et al. The manuscript reports an interesting phenomenon of immediate clouding of IOL following in-the-bag IOL implantation. However, this case report is not ready for publication yet. The following are my comments about some issues that the authors need to address.

Abstract

[Page 3, LL 12-14]

This phenomenon is especially prevalent in cold countries and during the winter months.

1. Is this phenomenon prevalent in cold countries and during the winter months? If so, a case report that presents a prevalent phenomenon is not worth publishing.

Introduction

2. In the discussion section, the sentences of the introduction are repeated.

Case report

3. This case report is quite similar with a reference 9.

Discussion

[Page 5, LL 12-14]
4. Case report of reference 5 is not a case of intraoperative clouding of acrylic hydrophilic IOLs but a postoperative IOL opacification which was found ten months following the implantation of the IOL. The author would have attempted to cite Reference 9 in this sentence.

[Page 5, LL 39-42]

However, to the best of our knowledge, there was no report about IOL opacification caused by femtosecond laser and correlative inflammatory cytokines.

5. To say that the femtosecond laser-induced inflammation did not cause IOL opacification, it is recommended to show that this phenomenon was caused by the temperature change. The AT LISA tri IOL stored at low temperatures can be moved to body temperatures to determine if the IOL opacification occurs in vitro.

**Are the methods appropriate and well described?**
If not, please specify what is required in your comments to the authors.

Unable to assess

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

Unable to assess

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

Unable to assess

**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.

Not relevant to this manuscript

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

Needs some language corrections before being published
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