Reviewer's report

Title: Acute onset Lactobacillus endophthalmitis after trabeculectomy with Ologen implant: case report

Version: 1 Date: 25 January 2010

Reviewer: Jennis Pae

Which of the following best describes what type of case report this is?: New associations or variations in disease processes

If other, please specify:

In this novel case report of a 76 year old diabetic woman with early onset post-trabeculectomy endophthalmitis due to lactobacillus, the authors offer a warning to glaucoma surgeons on the potential for unusual microorganisms as a source of infection when using an Ologen implant.

Has the case been reported coherently?: Yes

Is the case report authentic?: Yes

Is the case report ethical?: Yes

Is there any missing information that you think must be added before publication?: Yes

Is this case worth reporting?: Yes

Is the case report persuasive?: Yes

Does the case report have explanatory value?: No

Does the case report have diagnostic value?: No

Will the case report make a difference to clinical practice?: Yes

Is the anonymity of the patient protected?: Yes

Comments to authors:

The article nicely cites several large retrospective studies reviewing acute endophthalmitis following trabeculectomy surgery. Endophthalmitis is a devasting postoperative complication but very rare and care must be taken in making broad implications from one case. While illustrating that lactobacillus is quite unusual as a cause of endophthalmitis, the authors should expand on their reasoning for the
potential association between this infection and the use of an Ologen implant. The author's should also assess the role of the patient's diabetes and phakic lens status in the setting of the infection. The description of the culture methods and results needs to be clearer, while less emphasis could be placed on the treatment. In addition, editing for grammatical content is required in order to be ready for publication. For example, a patient would complain OF (not for) pain and decreased vision.

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

**Declaration of competing interests:**

I declare that I have no competing interests.