Reviewer's report

Title: Short-term In Vivo Morphologic Changes of Amniotic Membrane after Fibrin Glue assisted Pterygium Surgery on Anterior Segment Optical Coherence Tomography: a case series

Version: 0 Date: 04 Jan 2017

Reviewer: Ebru Toker

Reviewer's report:

General comments:

This paper describes the tissue changes as imaged by AS-OCT after primary pterygium excision + fibrin-glue assisted AMT in three patients.

Specific comments:

1. morphologic ---- morphological

2. the frequency of postoperative AS-OCT imaging?

3. brand name and manufacturer of the fibrin sealant?

4. method of fibrin sealant application, mixed use of components or sequential use?

5. Line 100-101: What is meant by the "progressive changes of integrated amnion within the sclera"?

6. Line 154- authors state that complete re-epithelialization occurred within 4 weeks, examining the images one can see that it is completed even earlier, at 1 week.

7. A longer follow-up at monthly intervals (i.e 2nd, 3rd month) might have provided further information about the time of total integration/or dissolving of the AM.
8. Lines 165-167: Compared to the simpler and cheaper method of fluorescein staining to check epithelial healing, AS-OCT does not seem to be a practical tool in monitoring regular, uncomplicated ptergium surgeries.

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

No

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

No

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

No

**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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