Reviewer’s report

Title: Portable OCT-Assisted Surgical Treatment of Intracorneal Pre-Descemet Epithelial Cyst: A Case Report

Version: 0 Date: 04 Jun 2017

Reviewer: Joaquim Carlos Neto Murta

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Very interesting case of a surgical treatment of an intracorneal Pre-Descemet Epithelial Cyst only controlled after destruction of the epithelial nest by lamellar keratosclerectomy with chemical cauterization with guidance from a FD-OCT. However some revisions are needed:

1- Trichloroacetic acid (TCA) is frequently utilized for chemical peeling by physicians practicing dermatologic surgery. Nevertheless, ocular complications from TCA have been reported previously. The authors should described the potential complications of TCA for the cornea and ocular surface.

2- How can the authors stated that the treatment did not seriously damaged the corneal endothelial cells? Specular microscopy and corneal endothelial cells counts should be provided before and after the surgeries.

3- Page 5 line 110 the authors said that previous investigators had used a 20% TCA...a reference should be provided.

4- The authors should describe the rationale for sequential applications of distilled water, 5-FU and afterwards of TCA.

5- We observe corneal scaring after the surgeries. Does the patient had corneal topographies before and after the surgeries?

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.

No

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.

Not relevant to this manuscript

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

Acceptable

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