Reviewer’s report

Title: A Case of Silicone Oil Adhered to the Retinal Surface via Perfluorocarbon Liquid

Version: 0 Date: 25 Dec 2017

Reviewer: Hiroki Kaneko

Reviewer’s report:

In this case report, Fukumoto et al. showed a case stick adhesion of SO and PFCL. The strong adhesion of these two major materials are commonly recognized by many retinal surgeons, but the adhesion supposedly happens after surgeries. The findings in this repost is distinct from the other reports, i.e., the adhesion happened during the surgeries.

Actually the reviewer is wondering if we can call it "adhesion". The authors mentioned, in page 5, Line 16, "We theorized that misdirection of the water layer into the subretinal space might have contributed to the complete attachment of PFCL and SO." The reviewer wonders that this sticky adhesion has something to do with the gap of the surface tension.

In vitro experiments are interesting, not common in a case reports. The reviewer believes that, by emphasizing the findings in this in vitro experiment, this case report increases the strength.

1. The reviewer recommend the authors to perform the same experiments with dyed PFCL or BSS so that the readers can recognize the surface between SO, PFCL, and BSS in the tube.

2. Typo. Page 5, line 1, "corneal" is wrong.

Thank you.

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.

Unable to assess

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

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Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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