Reviewer’s report

Title: Consecutive drilling combined with phaco chop for full thickness segmentation of very hard nucleus in coaxial microincisional cataract surgery

Version: 0 Date: 13 Oct 2018

Reviewer: Hun Lee

Reviewer’s report:

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1. Authors should define the pros and cons by comparison with already introduce surgical techniques. Although authors stated the advantages over conventional surgical techniques in Discussion section, more detail is needed. If possible, please provide the results regarding efficiency and safety from comparison of consecutive drilling combined with phaco chop for full thickness segmentation and other surgical techniques. endothelial count and zonular stability, etc.

2. There should be some evidence supporting that consecutive drilling combined with phaco chop for full thickness segmentation definitely results in complete nuclear segmentation without failure, when compared with other surgical techniques.

3. "mechanics structure" is right expression? Is "mechanics of structure" or "mechanical structure" right expression?

4. Authors need to demonstrate the case with very hard nucleus cataract surgery using drilling combined with phaco chop for full thickness segmentation technique.

5. According to the mechanical rock excavation systems and Griffiths theory of brittle fracture, what kinds of difference do you find between brittle hard objects and very hard nucleus cataract?

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.

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:

Needs some language corrections before being published

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