Reviewer’s report

Title: Femtosecond laser-assisted cataract surgery in a public teaching hospital setting

Version: 0 Date: 07 Nov 2017

Reviewer: Jong Hwa Jun

Reviewer's report:

Present study evaluated efficiency of the mobile femtosecond laser cataract surgery machine. Overall, manuscript is well written. However, some points need clarification and correction.

Major points

1. During the femtosecond laser cataract surgery, the authors did not mention the preoperative NSAID eyedrop for the dilating agents during surgery. However, as is well known in recent FLACS studies, NSAID eyedrop must be used to prevent pupillary constriction in pre-treatment of FLACS. It has been reported that pupil constriction occurs at a fairly high rate if not use NSAID eye drop. Therefore, it is expected that pupillary constriction occurred and needs to be mentioned about this in discussion part.

2. In this paper, only the time saving part of surgery is mentioned, but, the pupil constriction also can be improved if the shifting time from laser to phaco is reduced. Therefore, authors should mention such things in discussion. And add the appropriate references about the pupil constriction during the FLACS.

Minor points

1. Please avoid excessive abbreviations

2. key word does not represent the contents of the entire paper. Please add appropriate key words

3. Keyword: femtosecond laser-assisted

4. describe the exact manufacturer and specification of the drug used.
5. Describe detailed laser parameters (ex. Spot spacing, laser power, capsulotomy size) please clarify the graded laser power according to the LOCS grade

6. How many surgeons have participated in this study, and how many cases have each operated? Please clarify.

7. All the surgeons performed the cataract as a same manner described in the text?

8. Please clarify the detailed demographic data of enrolled patients

9. Describe the caption of each figure in more detail

**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.

Yes

**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.

I am able to assess the statistics

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

Acceptable
Declaration of competing interests

Please complete a declaration of competing interests, considering the following questions:

1. Have you in the past five years received reimbursements, fees, funding, or salary from an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

2. Do you hold any stocks or shares in an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

3. Do you hold or are you currently applying for any patents relating to the content of the manuscript?

4. Have you received reimbursements, fees, funding, or salary from an organization that holds or has applied for patents relating to the content of the manuscript?

5. Do you have any other financial competing interests?

6. Do you have any non-financial competing interests in relation to this paper?

If you can answer no to all of the above, write 'I declare that I have no competing interests' below. If your reply is yes to any, please give details below.

I declare that I have no competing interests

I agree to the open peer review policy of the journal. I understand that my name will be included on my report to the authors and, if the manuscript is accepted for publication, my named report including any attachments I upload will be posted on the website along with the authors' responses. I agree for my report to be made available under an Open Access Creative Commons CC-BY license (http://creativecommons.org/licenses/by/4.0/). I understand that any comments which I do not wish to be included in my named report can be included as confidential comments to the editors, which will not be published.

I agree to the open peer review policy of the journal