Author's response to reviews

Title: High incidence of rainbow glare after femtosecond laser assisted-LASIK using the upgraded FS200 femtosecond laser

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Editor Comments:

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This policy is special and different from other professional journals. We have already viewed the reports and the name of the reviewer. Nino Hirnschall gave us many good advices. We much appreciate his comments.

Nino Hirnschall (Reviewer 1):

The manuscript has been carefully revised according to your comments. The revised words have been marked as red. Thank you for your comments!
1. Potential selection bias due to the fact that it was a retrospective study

This study is the analysis of clinical side-effect of FS-LASIK. The abnormal finding of RG was detected clinically and later it was controlled to a normal level. Group A included all the FS-LASIK patients from FS200 upgraded (Dec. 2015) to flap-cut settings adjusted (Apr. 2016). Group B included the same number of eyes in FS-LASIK patients since flap-cut settings were adjusted (Apr. 2016). So we did not chose or select patients. We only included all the FS-LASIK patients of different period. As the sample number is comparatively large, the baseline parameters are comparable between the two groups, which minimize the impact of other possible factors. Indeed, a prospective RCT would be better to avoid selection bias, but it would not conform to the interests of patients, because the original settings produced more RG obviously.

2. Thirty-five eyes of 18 patients experienced RG in group A. Does that mean that all patients except one had bilateral complaints?

Yes, one lady experienced RG only in her right eye and the other 17 patients had bilateral complaints. This explanation has been added in the text (Result section, line 7)

3. Could the authors provide a sub-analysis of the fading effect of the RG (like a Kaplan Meier curve)?

Good suggestion! We used Kaplan Meier analysis to compare the fading time between the two groups, and also got a cum survival curve to describe the fading time in both groups in detail. We have added fig 4 and 3rd paragraph of Result section accordingly.
4. The results should also be presented graphically, not only in tables and in the text.

Yes, we have added Fig 3 to compare the incidence rate between the two groups, and Fig 4 to describe the fading time of RG in both groups. The figure legends of fig3 and fig4 have also been added (Figure legends section, line 5-6).