Reviewer's report

Title: Ocular biometric characteristics of cataract patients in western China

Version: 3 Date: 19 Feb 2018

Reviewer: Young Min Park

Reviewer's report:

Thanks to the authors who did a good research. If some modifications are made, I think it will provide a lot of good information to readers.

The main point of the correction is that the axial length of the male population is measured much longer than the female population, so the axial length results of the entire population included in the study are affected. A sufficient explanation is needed.

1) Line 70-71: Please provide the references concerning the definition of WTR and ATR angle.

2) About axial length results
- While the average eyeball axial length of Asian is about 23.83 mm, current study result about axial length was longer than this (Especially in males). The authors suggested ethnicity and characteristics of the Sichuan area as reasons, but did not explain what characteristics of ethnicity and Sichuan area provoked long axial length.
- And authors should also explain the reason why long axial length is only shown in male not in women. The authors presented several references (line 190-195) that reported longer axial length in male compared to the female, but this alone does not seem to be enough to explain the results of the present study (axial length difference of 1mm). The difference between men and women in this study is so large that it is not enough to assess the axial length difference between the sexes in general.
- In addition to the large difference in axial length between men and women, only the greater axial length in men should be explained in more detail.
- The authors suggest that the axial length decreases as the age of the study increases. However, when referring to the results of eastern china on line 171-173, the nuance indicates that the
axial length of the study was longer than current study because the study included a large number of young people.

**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.
No

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