Author’s response to reviews

Title: Open globe and penetrating eyelid injuries from fish hooks

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Version: 2, 31. October 2018

Reviewer 1: Yasuhiro Takahashi
1. There are few sentences that need to be rephrase for better conveyance of information the author wants to elucidate, e.g, abstract line 56-57.

We rephrased the sentences.

2. Abstract and Results. The authors should change "67%" to "Sixty-seven percent" in lines 48 and 96) as well as "4" to "Four" in line 112.

We corrected this.

3. Introduction. These 2 sentences contradicts each other, kindly check what the authors really wants to illustrate, (Line 68-69) and unify the corresponding sentences. (Lines 68-69 and 76-77)

In line 68-69 we described the different types of injuries in general.

We rephrased the sentence (line 68-69). In line 76-77 we described the treatment of the different types of injuries. That is why they should not be unified in one sentence.

4. The authors should mention the study design. If this study was a prospective study, the authors must obtained informed consent from the patients for this study, and they also must obtain approval from Ethics Committee at their institution in the Materials and Methods section. This section should also include statements regarding adherence to Declaration of Helsinki.

We added this information in the method section (line 86).

In line 201 we mentioned the study design (retrospective study).

5. I recommend the authors to briefly explain the OTS.

We added a short explanation of the OTS.

6. The authors should explain the procedures done to the patients in the Materials and Methods section. Did the patients underwent imaging prior to the surgery, especially for open globe cases? Was there damage to canaliculus for all patients? Who did the surgery? Was IV/Oral steroids given to patients post op?
Due to a visible fishing hook in the eyelid/eye, imaging prior to the surgery was not necessary. No patient suffered canalicular damage (we added this in the text).

All surgical procedures were performed by surgeons of our department. No IV/oral steroids were given to patients postoperatively. All patients with penetrating ocular injuries were treated with intravenously applied antibiotics for 7 days and topical antibiotic and steroid therapy for several weeks. We added this information in the text.

7. The authors should also define open globe injury in the Materials and Methods section. We added a short explanation of open globe injuries.

8. Results. Indicate the affliction sustained by the patient who was wearing sunglasses. (Line 102)

Only one patient with an eyelid injury was wearing fishing sunglasses at the time of injury. This patient is presented in Fig. 1b. (Patient No. 5). We added this information in the text.

The patient suffered from foreign body sensation and the fish hook was a cosmetic and esthetic issue.

9. Results. I recommend to the authors to move the following sentence "The mean follow-up…" to Line 169. (Lines 107-108)

We added this information.

10. Table should be placed at the latter part of the manuscript with the figures. (Line 124)

BMC submission guidelines:

- Tables less than one A4 or Letter page in length can be placed in the appropriate location within the manuscript.
- Tables larger than one A4 or Letter page in length can be placed at the end of the document text file. Please cite and indicate where the table should appear at the relevant location in the text file so that the table can be added in the correct place during production.
11. Table 1. The authors should show the expanded form of "OTS".

We made a new table with an expanded form of OTS.

However, because of the small number of patients with open globe injuries, we think that this table won’t result in any benefit for this manuscript.

<table>
<thead>
<tr>
<th>Raw Points</th>
<th>OTS 1/200-19/200</th>
<th>No. of Eyes</th>
<th>NLP 20/200-20/50</th>
<th>LP/HM 1/200-19/200</th>
<th>1/200-19/200</th>
<th>20/200-20/50</th>
<th>≥20/40</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-44</td>
<td>1</td>
<td>215/0</td>
<td>74/0</td>
<td>15/0</td>
<td>7/0</td>
<td>3/0</td>
<td>1/0</td>
</tr>
<tr>
<td>45-65</td>
<td>2</td>
<td>374/2</td>
<td>27/0</td>
<td>26/0</td>
<td>18/0</td>
<td>15/100</td>
<td>15/0</td>
</tr>
<tr>
<td>66-80</td>
<td>3</td>
<td>808/1</td>
<td>2/0</td>
<td>11/0</td>
<td>15/0</td>
<td>31/100</td>
<td>41/0</td>
</tr>
<tr>
<td>81-91</td>
<td>4</td>
<td>378/1</td>
<td>1/0</td>
<td>2/0</td>
<td>3/0</td>
<td>22/0</td>
<td>73/100</td>
</tr>
<tr>
<td>92-100</td>
<td>5</td>
<td>376/0</td>
<td>0/0</td>
<td>1/0</td>
<td>1/0</td>
<td>5/0</td>
<td>94/0</td>
</tr>
</tbody>
</table>

Tab. 2 Comparison of Final Visual Acuities and OTS Categorical Distributions Between OTS Study and Our Series. A Percent in OTS study; B Percent in current study.

12. Results. What kind of suture was used for the corneal repair? (Line 137)

We added this information in the text.

13. Discussion. I recommend the authors to rephrase these sentences, both are independent clauses but the second one explains the first. (Line 176-179)

We rephrased these sentences and corrected a mistake that we found.

The first number (19.54%) indicates all fishing-related eye injuries (eye lid injuries as well) of all sports-related eye injuries. In the second part sports-related open-globe injuries are presented.
14. Discussion. I recommend to the authors to show the type of fish hooks that injured the patients. (Lines 186-187)

Unfortunately we don’t have more pictures of different fish hooks. We showed one fish hook in Fig. 2b.

15. Discussion. Do not capitalize the word 'Department', unless it is a part of a name.

We corrected this.