Reviewer’s report

Title: Clostridium perfringens panophthalmitis and orbital cellulitis: a case report

Version: 0 Date: 06 Sep 2017

Reviewer: Marta Latasiewitz

Reviewer’s report:

The authors present a rare case of post-traumatic panophthalmitis due to Clostridium perfringens.

The strength of this case report is the description of an uncommon complication of ocular trauma, and the discussion of vitrectomy as a means of preserving the globe in fulminant infections.

However if to be published, it needs significant revisions.

1. line 60: It would be relevant to know the mechanism of the trauma. It is also not clear the time of the trauma and presentation of symptoms before attending hospital. Was reduced vision the only symptom? Any pain, malaise?

2. Discussion: It would be useful to describe the differential diagnosis of panophthalmitis, the common bacterial and non-bacterial etiology, and the prevalence of Clostridium sp. as a cause of this type of infection. It is worth also elaborating on the role of early vitrectomy in trauma with IOFB with concurrent intraocular infection.

3. Caption to Fig. 3: The "enlargement of the globe" is probably an unfortunate expression used by the authors - perhaps it would be better to describe as "oedematous and congested periocular tissues and proptosis", as the relatively enlarged contour of the globe itself is probably due to slightly asymmetrical scan.


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.

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.

Not relevant to this manuscript

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

Not suitable for publication unless extensively edited

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