Reviewer's report

Title: Orbital radiotherapy plus three-wall orbital decompression in a patient with rare ocular manifestations of thyroid eye disease: case report

Version: 0 Date: 04 Nov 2017

Reviewer: Tatsuya Kondo

Reviewer's report:

In this manuscript, the authors described a rare case with severe clinical manifestation of TED in the patient having long history.

This case illustrates well-considered clinical treatment strategies resulting in successful outcome.

Clinical feature of this case is pretty interesting, but some of the supporting data will enhance the quality of this manuscript.

I raised some questions or requests to be answered by authors.

Comments

1) What was the dose of PSL and how long was PSL used in this clinical course? Time course changes of CAS, PSL dose and radiotherapy schedule can be presented in graph.

2) To identify the inflammatory signals in orbital cavity, MRI images before and after the radiations should be presented.

3) What was the final CAS activity after surgery? This can be incorporated with the graph requested in 1).

4) In Page 5, lines 8 - 12, it is difficult to understand. Please simplify what the authors mean.

5) Patient's basic biochemical data should be presented in Table. If possible, serum inflammatory markers, such as CRP, IL-6 or TNF-α may be indicated.
6) In Ethics approval section, Ethics number has to be described approved by the IRB.

7) In Figures, Pre and post-operative CT scan images may be presented side by side. That allows us to easily identify the improvements of apical crowding and optic nerve compression.

**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.

Unable to assess

**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:

Needs some language corrections before being published
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