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:** 27 Nov 2017

**Reviewer:** Zuleyha Karaca

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In this paper, Zhang et al described a patient with Graves ophthalmopathy who did not respond to IV glucocorticoid therapy and developed DON. The patient underwent orbital radiotherapy due to contraindications to surgery. Surgery was performed later in follow up. The patient's clinical findings and vision improved with radiotherapy. The presented case is rare. My concerns are below.

1. In Case presentation part line 14, What do the authors mean by 'he developed proptosis for 20 years ' Did the patient develop it 20 years ago. When did the symptoms of Graves ophthalmopathy develop ?

2. The past history of the patient regarding IV steroids should be clarified in means of side effects. When and how long was the treatment given. Details of the side effects are needed.

3. The patient underwent surgery after radiotherapy. why wasn't it performed before RT if it could. The contraindications or the risks of the operation did not change in the follow up.

4. Was the patient on methimazole at the time of development of DON? Because free T4 levels are low with suppressed TSH, it should be mentioned.

5. The case is rare and radiotherapy is known to have modest effects on DON. The authors should mention the novel part of this case report.

6. The English should be improved. There are many grammatical errors and some sentences are not well-understood.
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.

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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