Reviewer’s report

Title: Endocrine Manifestations in POEMS Syndrome: A Case Report and Literature Review

Version: 2 Date: 01 Mar 2018

Reviewer: Benjamin Whitelaw

Reviewer's report:

This paper describes a case of POEMS syndrome presenting with multiple endocrine hormone deficiencies. The case was initially thought to represent primary endocrine pathology and the diagnosis of POEMS was delayed. The paper reviews the endocrine aspects of POEMS and is potentially a valuable contribution to the literature on this subject.

I have a number of minor suggestions

1. The paper would in general benefit from being edited by a writer who is a native English speaker.

2. The abstract speaks of POEMS syndrome as having five "signs". Can I suggest that the authors change this word to "components" or "elements" because the word sign in clinical medicine has a particular meaning which I think does not apply here.

3. In the abstract: ", is easily to be misdiagnosed and mistreated by clinical doctors." This sentence should be changed to ", is easily misdiagnosed and incorrectly treated by clinical doctors."

4. Page 1 Background "misdiagnosed as endocrine diseases" perhaps the authors should change this to "misdiagnosed as primary endocrine diseases". The point is that these patients do have endocrine diseases but they are secondary to POEMS, not primary.

5. Page 2 euthyrox 12.5ug per day - this is an extremely low dose - can the authors check this - perhaps they mean 125mcg

6. Page 2 "At the same time, he was tortured by painful and numbness of lower limbs". This sentence should be reworked - "tortured" is a very emotive word which might be revised. Presumably it was the pain, not the numbness that was unpleasant.

7. It is interesting to note that the endocrine deficiencies resolved in the case reported. The authors might like to consider telling the readers whether they believe this to be common or rare from their review of the literature
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?
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Unable to assess

Are the conclusions drawn adequately supported by the data shown?
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