

September 23, 2019

Dear Editors and Reviewers:

Thank you for your letter and for the reviewers' comments concerning our manuscript entitled "Hypoparathyroidism with Fahr's syndrome: A case report and literature review" (Manuscript NO: 47879). Those comments are all valuable and very helpful for revising and improving our paper. We have studied comments carefully and have made correction which we hope meet with approval. Revised portion are marked in red in the paper. The main corrections in the paper and the responds to the reviewer's comments are as flowing:

Responds to the reviewer's comments: (Reviewer's code: 02811953)

- 1) Response to comment 1 (Please define abbreviations before using them).

Response: we define abbreviation of Albright's hereditary osteodystrophy to AHO (see lines 59-60, marked in red color).

- 2) Response to comment 2 (Please use tables to show the results of lab examinations and relevant auxiliary examinations. Please indicate the normal range as well. The current description and the use of arrows were very difficult to follow.)

Response: firstly, we simplify the original description of the patient's lab examination (see lines 113-117, 125-140, marked in red color); secondly, we used "**Table 1 laboratory examination results** (see lines 402-414) " to show the laboratory examination results and to indicate the normal range.

- 3) Response to comment 3 (Please indicate or discuss whether any treatment of hypoparathyroidism will change the patient's symptoms).

Response: firstly, in original, we have indicated the treatments of the patient in **TREATMENT** section (see lines 144-152); secondly, in response to how these treatments improve the patient's symptoms, we add some descriptions in the **DISCUSSION** section (see lines 233-236, marked in red color); Correspondingly, the changes in electrolytes in “**Table 2 Blood electrolyte changes during treatment** (see lines 416-419)” also reflect the changes in patient’s symptoms

- 4) It is worth noting that we add “**Table 1 Results of laboratory examinations**” when we revised the manuscript, so **Table 1** in the original text should be modified to **Table 2** (see line 151, line 415) accordingly. Taking into account the red-green blindness, we have made appropriate adjustments to **Table 2**(see lines 416-419).

Response to editor's comments:

- 1) Response to editor's comment 1 (总编认为文章病例虽然罕见，但是过去 3 年有几例类似案例发表，所以作者需要充实 literature review。)

Response: we have add some similar cases in the past 3 years and make some discussions to enrich the literature review. (see lines 198-203; lines 211-213 marked in red color).

- 2) Response to editor's comment 2 (You need to provide the grant application form (s) or certificate of funding agency for every grant, or we will delete the part of "Supported by...".)

Response: we have upload the grant application form on system, and modify the Project number to No.ZX2019-02-02.

- 3) Response to editor's comment 3 (Please check and confirm that there are no repeated references!)

Response: after carefully check the references in original, we are sorry to find citation 3 and citation 14 are repeated. To enrich our literature review, we add som

new citations which have been marked in main body text, so the order of the references has changed.

Citation 13,14,15,16,17,19 are newly added (see lines 299-314, lines 317-319, marked in red color)

The order of the other citations changes as follows:

- citation 13 in original manuscript is changed to 18;
- citation 14 in original manuscript is changed to 3 (the repeated citation);
- citations 15-32 in original manuscript are changed to 20-37.

- 4) Response to editor's comment 4 (Please provide the decomposable figure of all the figures, whose parts are all movable and editable, organize them into a PowerPoint file, and submit as "Manuscript No. - image files.ppt" on the system.)

Response: we have upload the decomposable figure of all the figures on system, named as "Manuscript No. - image files.ppt".

Other corrections:

We delete the abbreviation of computed tomography to avoid confusion with the abbreviation of calcitonin(CT).

Once again, I would like to express my gratitude to the editors and reviewers for your hard work in reviewing our manuscript.

Yours sincerely

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