Reviewer's report

Title: Medullary Thyroid Carcinoma with double negative calcitonin and CEA: A case report and update of literature review

Version: 0 Date: 24 Feb 2019

Reviewer: Punit Sharma

Reviewer's report:

In this article the authors have presented an interesting case of recurrent MTC with double negative calcitonin and CEA. The authors have presented their case, presented a review of available literature of such cases and discussed the possible causes for such a scenario. The manuscript while is interesting, it needs major revisions before being considered for publication. My comments to authors are detailed below.

1. The manuscript needs some typographical, grammatical and English corrections. I have highlighted some of them in pdf file. Kindly take help of an expert.

2. There appears to be some typographical error in the title of the article itself! It should read "Medullary Thyroid Carcinoma with double negative calcitonin and CEA: A case report and update of literature review"

3. When reporting the lab values replace commas with decimals.

4. The patient underwent 99Tc whole boy scan in Feb 2016. What was the purpose of doing this? It was already diagnosed MTC and not PTC. Kindly explain.

5. Kindly done use the same abbreviation for calcitonin and computed tomography. My suggestion is to keep calcitonin as such (no abbreviation) and use CT for computed tomography. Kindly modify accordingly.

6. For the literature review merge all the three tables. The first table is redundant as all that information will be available in respected references.

7. Remove figure 5. It adds no value to the article.

8. Merge the histopathology slides into two images. First one for initial diagnosis and second for recurrence. IHC for calcitonin and thyroglobulin is enough, no need to show for other markers in present context.

9. There is lot of repeat in the introduction and discussion parts. Remove these repetitions form discussion.
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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