Reviewer’s report

Title: Evaluation of the thyroid characteristics of patients with growth hormone-secreting adenomas

Version: 0 Date: 07 Jul 2019

Reviewer: Carl Friedrich Classen

Reviewer’s report:

In the work, „Evaluation of the characteristics of the thyroid in patients with growth hormone-secreting adenomas”, the authors Xu et al. present a nice and informative study on thyroid disorders in acromegaly patients, based on a retrospective clinical single-center follow-up analysis of 134 consecutive patients.

The work is detailed and well-organised, however, some aspects might still be improved.

The abbreviation „NF pituitary adenoma“ should be explained at first appearance.

The authors do not tell whether cases of pituitary adenoma were part of a syndromous disease, like for example McCune Albright syndrome or multiple endocrine neoplasia syndrome Type 1, or others. Such conditions should be discussed in the paper.

As the authors state, a number of laboratory examinations were performed. If they led to some more insight, they should be reported.

In fig. 1, the arrangement of subcategories - nodular goiter, thyroid cancer etc. - is different in the left and the right side of the graph, this should be corrected.

Unfortunately, the English language of the work is not perfect and requires workup by a native speaker. In particular, the terms „increased“ or „decreased“, when used for the comparison of two patient cohorts, are most often used incorrectly.

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.

Yes

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.

I am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Not suitable for publication unless extensively edited

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