Reviewer's report

Title: Our clinical experiences and success rates of acromegaly treatment: The single center results of 62 patients

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Reviewer: AJ van der Lely

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Evran and coworkers report on the long-term follow-up of a single center group of 62 acromegaly patients (32 women). A cut-off levels for GH <2.5 ng/ml was used as criterion for remission, as well as normalized IGF levels adjusted for gender and age.

They describe disease-specific characteristics of the patient group. They observed a significant correlation between tumor size and GH levels. 4/31 were cured by transsphenoidal surgery. 2/20 by transcranial surgery; 5/62 received conventional radiotherapy, which cured 2. 4/15 were cured gamma-knife radiosurgery. Biochemical remission was obtained during octreotide treatment in 32 of 52 patients, and in 2 of 5 patients who received lanreotide.

They conclude that the surgical success rate in their center is low, maybe due to lack of experienced surgeons and/or number of patients with large tumors.

I always encourage these kind of reports that enable centers to evaluate their success of several treatment modalities retrospectively. This manuscript is no exception to this.

Comments:

1. What the authors should do is ask a native English speaking person to review and update the text. This would surely improve the readability of it.
2. Also, double spaced paragraphs would have helped readability
3. It is not very clear from the text, which subject received what and in combination or not with other treatment modality. Can the authors please try to turn this into a table with several columns that address that more clearly than Table 2. I especially refer to the surgically treated patients.
4. On Page 5; line 270: “In our study, in 2 of 20 patients operated transcranially, postoperative cure was attained. Two of the patients were cured who had macroadenoma, and the other one had microadenoma”. I do count 3 subjects here, and not 2 so please explain. Also, why was the microadenoma operated via the transcranial route.

Level of interest: An article whose findings are important to those with closely related research interests
Quality of written English: Not suitable for publication unless extensively edited.

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests.