Reviewer’s report

Title: A pitfall of bilateral inferior petrosal sinus sampling in cyclic Cushing’s syndrome

Version: 0 Date: 24 Mar 2019

Reviewer: W drake

Reviewer's report:

A well-written manuscript from an extremely well-known group. Difficult case. The main issue for the editorial board is whether this nicely written case (a very good one for teaching and for presentation/discussion at a regional or national meeting for junior and senior colleagues alike) could be said to ADD anything to the literature as it already stands sufficient to merit publication. That's a matter of editorial judgement.

There are some very minor points to make, none of which are major barriers to publication.

1. Reference is made in the case description on a number of occasions to results without details e.g. 'lack of suppression (line 106). It would be better to include the actual values for completeness. There are a number of examples through the case. E.g. line 127 ('slightly abnormal' is probably not really sufficient description).

2. Line 133. Subcutaneous pasireotide was administered and hypercortisolism disappeared shortly thereafter because of spontaneous remission. I didn't quite understand this. How would one know if it was the drug or spontaneous?

3. Hypokalaemia is referred to more than once, but no values are given (or bicarbonate). It does lack a degree of specificity, but profound hypokalaemia and alkalosis does alert the physician to the possibility of ectopic ACTH; what was the lowest one recorded (for interest).

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:

Acceptable

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