Reviewer’s report

Title: No increased risk of glucose metabolism disorders in adults with growth hormone deficiency undergoing long-term treatment with biosimilar somatropin (Omnitrope®): data from an observational, longitudinal study

Version: 0 Date: 18 Aug 2019

Reviewer: Luis Miguel Roman-Pintos

Reviewer's report:

Title: PATRO Adults: no increased risk of glucose metabolism disorders in adults with growth hormone deficiency undergoing long-term treatment with biosimilar somatropin (Omnitrope®)

The manuscript is well written, without significant language corrections in grammar or syntaxis. The authors submitted this observational, multicenter, longitudinal, open-label, non-interventional study to evaluate the safety of Sandoz biosimilar somatropin (Omnitrope®). I recommend the authors to follow STROBE guidelines before re-submitting.

Comment 1: I suggest authors to indicate the study's design in the title, i.e. "prospective cohort".

Comment 2: Authors should mention the setting (i.e. primary care), and locations (participant countries).

Comment 3: How did the authors guarantee the veracity of the information? Did the physicians were previously trained to detect EA and SEAs? Did they use an instrument to detect them?

Comment 4: Describe the participation of each author in the METHODS section.

Comment 5: Authors do not establish a statistical analysis planning, including how the statistical data is expressed (i.e. mean and SD, frequencies), and reported (figures, tables, etc.).
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:

Acceptable

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