Reviewer’s report

Title: Effects of valproic acid on skeletal metabolism in children with epilepsy: a systematic evaluation and meta-analysis based on 14 studies

Version: 2 Date: 13 Jan 2020

Reviewer: Evan G. Pivalizza

Reviewer's report:

The authors are congratulated for a thorough revision and have addressed all the major concerns. Much more readable and only minor edits remain.

Background: page 3, line 2 ..... as it displays certain ...

Lit searching: page 3, line 20 ...... childhood epilepsy ..... indices ...

Inclusion criteria: 1 ..... epilepsy which met diagnostic ..... 

Results:

25-OH-vitD paragraph: ..... in the valproic acid ....

Sensitivity:

(Delete and) The funnel ..... 

Discussion:

line 21 ..... control epileptic seizures ..... 
23 ..... and was followed ..... 

2nd paragraph:

Delete 2nd sentence - would not discuss non significant trends for PTH (figure 3B) 
... showed that valproic ....

3rd: Dual ..... 
... and results indicated .... 
..... which implies that long .... 
... could help find changes ....

4th: Delete 'among the studies' line 8 
Delete 'and the' line 9 and 'very'

Figure 1 label: and (sp)
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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