Reviewer’s report

Title: Reliability of pleth variability index in predicting preload responsiveness of mechanically ventilated patients under various conditions: a systematic review and meta-analysis

Version: 1 Date: 01 Apr 2019

Reviewer: Issam Tanoubi

Reviewer’s report:

Thank you for requesting my opinion to review of the manuscript "Reliability of pleth variability index in predicting preload responsiveness of mechanically ventilated patients under various conditions: a systematic review and meta-analysis".

The authors did an adequately responding to the different comments.

For future correspondence, I highly suggest that authors keep, in the response to the reviewers letter, the details of the requested revision, instead of only including the revision response or the revision number. Thank you.

Page 3, first paragraph: "During the perioperative period, a noninvasive continuous automatic monitoring instrument is more comfortable to the patient than invasive monitoring". I suggest deleting this sentence.

Page 3, line 17: « adds an module for monitor", replace an with a.

Page 4, line 43 "If the full text of the article is not published in English, it will be excluded". I suggest rewording "We excluded articles that were not published in English".

Page 5, line 1 "We also excluded review, case report, how, experiments on animals, or in vitro studies.". I suggest using the plural form "We also excluded articles, case reports, comments ..."

Page 6, line 1: Please replace "graphics synthesis is done by Stata" with "graphics synthesis was performed by Stata".

Thank you for ensuring, through the manuscript, that all verbs are conjugated in the past.

A minor, but important, grammatical revision should still be performed.

I hope this will help.

Issam

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.

No

**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 recommend additional statistical review

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

Needs some language corrections before being published

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