Reviewer’s report

Title: Observations on significant hemodynamic changes caused by high concentration of epidurally administered ropivacaine: Correlation and prediction study of stroke volume variation and central venous pressure in thoracic epidural anesthesia

Version: 1 Date: 10 Aug 2017

Reviewer: Elena Bignami

Reviewer’s report:

Dear authors,

thank you for revising your manuscript.

You have presented the results of a prospective randomized double blinded trial on the changes of static and dynamic hemodynamic parameters during general anesthesia with thoracic epidural anesthesia for major abdominal surgery.

Please give your statement to the following points:

You need to review the English language.

1. Abstract

No problem

2. Introduction

- pp 13-15: The sentence is partially correct. Put precise references.

- Please specify the clinical message that the authors want to send

3. Materials and Methods

- The inclusion criteria are: 18 to 65 years old
On clinical trials.gov is not illustrated subgroup analysis (two groups at the age of 60): please add

- Sample size calculation: It is incorrect to make the calculation from personal data. Use the data of scientific literature

4. Discussion
- please specify the clinical message that the authors want to send. It is not clear. How can you use your results in the daily clinical particle?

6. Tables
- no problem

7. References
- no problem

**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:

Needs some language corrections before being published

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