Reviewer’s report

Title: The Effect of Preoperative Anxiety Level on Mean Platelet Volume and Propofol Consumption

Version: 0 Date: 30 Aug 2019

Reviewer: Robert J. Stolker

Reviewer's report:

Please include all comments for the authors in this box rather than uploading your report as an attachment. Please only upload as attachments annotated versions of manuscripts, graphs, supporting materials or other aspects of your report which cannot be included in a text format. Please overwrite this text when adding your comments to the authors.

It is a surprising and original topic for me.

I have some concerns and questions.

Overall: As the dosage of propofol is usually titrated by observed clinical effect, I wonder what the clinical impact will be. Furthermore, no relationship between the time to achieve entropy below 60 and anxiety scores have been found. I think the impact of the findings will be very limited.

Background section: I wonder if we can speak about "effects of MPV on propofol induction time and propofol induction". Perhaps these phenomena have indeed a common underlying mechanism. I don't think we can make a statement about a causal relationship.

Methods:
Was premedication prescribed/administered?
What is the rationale for the cut off value of 8 using the BAI?
The induction dose of 3 mg/kg propofol is suitable for younger patients, it quite much for older subjects.
Pain from propofol injection is mentioned in the methods, but no results are shown.
What was used, entropy from the monitor or Evans score? How were they related?
The anesthesiologist was blinded, but what about the investigators?

Results:
The group showed a difference in age and sex, which may be serious confounders for both opiates and propofol.
sensitivity was 73% and specificity 49, which is not too high

Discussion:
the authors don't explain why the sex difference was not conform other studies
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

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.

No

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

Declaration of competing interests
Please complete a declaration of competing interests, considering the following questions:

1. Have you in the past five years received reimbursements, fees, funding, or salary from an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

2. Do you hold any stocks or shares in an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

3. Do you hold or are you currently applying for any patents relating to the content of the manuscript?

4. Have you received reimbursements, fees, funding, or salary from an organization that holds or has applied for patents relating to the content of the manuscript?

5. Do you have any other financial competing interests?

6. Do you have any non-financial competing interests in relation to this paper?
If you can answer no to all of the above, write 'I declare that I have no competing interests' below. If your reply is yes to any, please give details below.

'I declare that I have no competing interests'

I agree to the open peer review policy of the journal. I understand that my name will be included on my report to the authors and, if the manuscript is accepted for publication, my named report including any attachments I upload will be posted on the website along with the authors' responses. I agree for my report to be made available under an Open Access Creative Commons CC-BY license (http://creativecommons.org/licenses/by/4.0/). I understand that any comments which I do not wish to be included in my named report can be included as confidential comments to the editors, which will not be published.

I agree to the open peer review policy of the journal