**Reviewer’s report**

**Title:** The Effects Of Desflurane And Sevoflurane On Nesfatin1 Levels In Laparoscopic Cholecystectomy

**Version:** 2 **Date:** 24 Oct 2017

**Reviewer:** Martin Schlaepfer

**Reviewer’s report:**

PBANE-D-17-00242_R2

I would like to thank the authors for the revision of the manuscript. Although the manuscript has clearly improved, some of my and of Reviewer 2's comments have still not been addressed.

Comments:

Keywords: p2l15: inhaler Anesthetic Agents - please change to volatile anesthetics

Abstract:

p2l25: inhaled agents - volatile anesthetics

p2l25: In the introduction there is now an explanation why nesfatin-1 was measured (stress level associated protein), this information is still missing in the abstract section.

p2l47: entubation - intubation

p2l49: aldrate score - aldrete score

p3l8: inhaler Anesthetic Agents - please change to volatile anesthetics

Background

p3l22: …concentration of 30 pmol/L

p4l12: the subtitle "conclusion" is misleading in the background section. Please remove

p3l45: change to: The patient's heart rate (HR), mean, systolic and diastolic arterial pressures (MAP, SAP, DAP), peripheral O2 saturation (SpO2) were monitored.

p4l37: aldrate - aldrete

p5l22: why does the sample size calculation say, there are 42 patients needed in the study, but the authors have included only 40 patients? Also in table 1 there are still 40 patients…
Figure 1: the unit for nesfatin levels (pg) is missing on the y-axis

Discussion:

p9l58: you still talk about an increase in nesfatin-1 but your statistic proves otherwise: You did not have a change in nesfatin-levels neither pre- vs. postoperatively, nor depending on the treatment (sevoflurane vs. desflurane). Please revise.

**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.

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:

Needs some language corrections before being published

**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