Author’s response to reviews

Title: Effects of Different Doses of Magnesium Sulfate on Pneumoperitoneum-related Hemodynamic Changes in Patients Undergoing Gastrointestinal Laparoscopy: a randomized, double-blind, controlled trial

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Version: 3 Date: 31 Oct 2019

Author’s response to reviews:

Dear Editors,

Thanks for your kind suggestions and comments concerning our manuscript entitled "Effects of Different Doses of Magnesium Sulfate on Pneumoperitoneum-related Hemodynamic Changes in Patients Undergoing Gastrointestinal Laparoscopy." Those suggestions and comments are all valuable and very helpful for revising and improving our paper, as well as the critical guiding significance to our researches.

We have studied comments carefully and have made the correction which we hope meet with approval. The corrections in the paper and the responses to the reviewer's comments are as follows.

We are looking forward to hearing from you. If there is any question, please do not hesitate to contact me.

Sincerely,

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Responds to the editor’s comments:

1. Overlap

-- We note that the current submission contains some textual overlap with other previously published works, in particular: The Physiologic Effects of Pneumoperitoneum in the Morbidly Obese https://dx.doi.org/10.1097%2F01.sla.0000151791.93571.70 This overlap mainly exists in the 3rd paragraph of the Discussion section. While we understand that you may wish to express some of the same ideas contained in these publications, please be aware that we cannot condone the use of text from previously published work. Please be informed that we cannot proceed with handling your manuscript before this issue is resolved, and the sections of text in question have been reformulated.

Response: We greatly appreciated the editor’s positive comments on our manuscript. We are so sorry about the use of text from previously published work. We re-wrote the sections of text in question.

2. CONSORT

Please include a statement within your methodology to indicate that your study adheres to CONSORT guidelines. We note that a number of points from the CONSORT checklist have not been completed. These include 1a, 3a, 4b,10. Please note that all these points should be included in the Methods section.

Response: Thanks for highlighting these questions. It did help us in describing the methods more precisely. More details in Materials and Method section have been added according to the CONSORT checklist. A sample size calculation was performed using PASS (Version 11.0; NCSS, USA) using a one-way analysis of variance. According to preliminary testing, we assumed that the mean SVR in Group S, Group L, Group H respectively are 2043, 1893, 1697, and the variability (SD) of the SVR of the three groups are 304, 297, 322. On the basis of a 0.05 level of significance with a power of 0.90, we sought to enroll at least 21 patients per group in the investigation to achieve sufficient statistical power. To compensate for the lack of 10% follow-up data, we aimed to recruit 23 patients per group. please see line 25-37, Page 10. The hemodynamic parameters of the three groups were recorded in the operation theatre. The persons who dispensed the drugs and generated random sequence grouping did not participate in the monitoring of hemodynamic parameters and recruiting subjects. Immediately before the pneumoperitoneum, the participants were assigned (using a computer derived random number sequence) to one of the three groups. We add this details in method section, please see line 29, Page 9 and line 21-29, Page 6. Besides, the title has been changed to “Effects of Different Doses of Magnesium Sulfate on Pneumoperitoneum-related Hemodynamic Changes in Patients Undergoing Gastrointestinal Laparoscopy: a randomized, double-blind, controlled trial”.

3. Trial registration
Chinese Clinical Trials Register notes that your trial was registered retrospectively [http://www.chictr.org.cn/showprojen.aspx?proj=18887]. Please include the words 'retrospectively registered' in your trial registration statement at the end of your Abstract. Please also amend any other relevant statements.

Response: Thanks for helping us correct the inappropriate description. We really apologized for this mistake. The mistakes have been corrected in the article, please see Line 17, Page 3.

4. Funding

In the Funding section, please also describe the role of the funding body in the design of the study and collection, analysis, and interpretation of data and in writing the manuscript.

Response: We have added the role of the funding body in the study. please see Line 21-25, Page 18.

5. Clean manuscript

At this stage, please upload your manuscript as a single, final, clean version that does not contain any tracked changes, comments, highlights, strikethroughs or text in different colours. All relevant tables/figures/additional files should also be clean versions. Figures (and additional files) should remain uploaded as separate files. Please ensure that all figures, tables and additional/supplementary files are cited within the text.

Response: We tried our best to improve the manuscript and made some changes in the manuscript. On behalf of my co-authors, we would like to appreciate for editor’s warm work earnestly, and hope that the correction will meet with approval.