Author’s response to reviews

Title: The attenuation of neurological injury from the use of simvastatin after spinal cord ischemia-reperfusion injury in rats

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Author’s response to reviews:

Dear Pf Zhu

We would like to thank you and reviewers for the potential acceptable for the publication in BMC Anesthesiology. We described in detail all changes referring to each reviewer’s critique in the order mentioned in the review. Sincerely Dr Han

Reviewer reports:

Wei Yin (Reviewer 1): 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.

1. Please correct the typing error at line 36 of page 7 (10 mg/kg of). The authors apologize for the typing error and this was corrected with 10 mg/kg of (Methods, Group Assignment, Page 7, line 36).
2. Please supplement the motor neuron count results of different groups in figure 1 although it seemed there is significant changes of motor neurons among different group. According to the comment, the result of motor neuron count was added as fig 1 and the original fig 1 was changed as fig 2.

Cheng Ni (Reviewer 2): The authors have added the sham group without I/R injury. Please provide statistical comparison of MDS and the number of normal motor neuron between sham group and I/R group, and provide representative microphotographs of the spinal cord from rats in sham group.

Thank you for the comment. The MDSs of a sham group (n = 10) was 0 (0) at each time point. The MDSs of the 4 experimental groups (the control group [group A] and the three treatment groups [group B, C and D]) are shown in Table 1. When we compared the sham group and the 4 experimental groups, there was significant difference in MDSs at each time point (P...