Author’s response to reviews

Title: Total resuscitative endovascular balloon occlusion of the aorta causes inflammatory activation and organ damage within 30 minutes of occlusion in normovolemic pigs

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Author’s response to reviews:

2020-02-13
Örebro, Sweden

Dear Megan Barling at the journal BMC Surgery,

We are grateful that the manuscript "Total resuscitative endovascular balloon occlusion of the aorta causes inflammatory activation and organ damage within 30 minutes of occlusion in normovolemic pigs" (BSUR-D-19-00739) is potentially acceptable for publication in your journal. Below, you will find a point-by-point response to the editorial comments, and information on revisions made in the manuscript. The manuscript is submitted as a clean version according to your instructions. We hope the manuscript has improved to the point where it may be considered satisfactory for publication in your journal.

Sincerely,

Mitra Sadeghi, MD, PhD
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Assistant Editor Comments:

1. Euthanasia Method

-- Please clarify the euthanasia method used under 'methods'.

1. Please include the dosage of propofol and potassium chloride

2. Please clarify whether the method used was an overdose of an anesthetic

3. Please clarify whether potassium chloride was used as a secondary stage

Authors’ response: We have clarified the text: “At the end of the experiments, the animals were euthanized with fast intravenous injections of propofol (200 mg, as an overdose of anesthetics) and potassium chloride (40 mmol, to induce cardiac arrest), and ECG confirmed asystole.”

2. Authors Contributions

-- Please consider the list of authors as it currently stands with reference to our guidelines regarding qualification for authorship (http://www.biomedcentral.com/submissions/editorial-policies#authorship).

Currently, the contributions of authors JS and CK do not automatically qualify them for authorship. In the section “Authors’ contributions”, please provide further clarifications on their contributions, and see our guidelines for authorship below.

An ‘author’ is generally considered to be someone who has made substantive intellectual contributions to a published study. Authors are expected to fulfill the criteria below (adapted from McNutt et al., Proceedings of the National Academy of Sciences, Feb 2018, 201715374; DOI: 10.1073/pnas.1715374115; licensed under CC BY 4.0):

Each author is expected to have made substantial contributions to the conception OR design of the work; OR the acquisition, analysis, OR interpretation of data; OR the creation of new software used in the work; OR have drafted the work or substantively revised it

AND to have approved the submitted version (and any substantially modified version that involves the author's contribution to the study);

AND to have agreed both to be personally accountable for the author's own contributions and to ensure that questions related to the accuracy or integrity of any part of the work, even ones in which the author was not personally involved, are appropriately investigated, resolved, and the resolution documented in the literature.

Acquisition of funding, collection of data or general supervision of the research group, alone, does not usually justify authorship.
If these guidelines are not met, we would request the following change of authorship form be filled out and sent to our editorial office - https://www.biomedcentral.com/submissions/editorial-policies#authorship

Authors’ response: We strongly believe that all listed authors qualify for authorship according to your guidelines. We have revised the authors’ contribution section: “KFN and TMH designed and supervised the study. MS, EMD, JS, THM and KFN performed the experiments and the data collection. CK performed the histological examination and analysis. MS, EMD, THM and KFN analyzed and interpreted the data. All MS and EMD drafted the manuscript, and CK, JS, KJ, PS, THM and KFN substantially revised it. All authors have read and approved the final manuscript. MS and EMD contributed equally to the study.”

3. Availability of Data and Materials

-- Please clarify who should be contacted to access the data, for example, the corresponding author on reasonable request.
Authors’ response: This has been clarified: “Data is available on a reasonable request to the corresponding author.”

4. Funding

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

Authors’ response: This is now clarified in the manuscript: “The funding bodies had no role in the design of the study and collection, analysis, and interpretation of data and in writing the manuscript.”

5. ARRIVE

-- Please remove the ARRIVE checklist from your file inventory as it is not required at this stage in the editorial process.
Authors’ response: The ARRIVE checklist has been removed from the file inventory.

6. Response

-- Thank you for providing a response to the reviewers. As this document is no longer required at this stage of the publication process, please remove it from your submission’s supplementary files.
Authors’ response: The response to the reviewer document has been removed from the file inventory.

7. 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.
Authors’ response: The files have been uploaded according to your instructions.