Reviewer’s report

Title: PROtective Ventilation with a low versus high Inspiratory Oxygen fraction (PROVIO) and its effects on postoperative pulmonary complications: protocol for a randomized controlled trial

Version: 1

Date: 04 Jul 2019

Reviewer: Ana Kowark

Reviewer's report:

Thank you for your extensive revision. However I have still some minor comments:

1. Please correct the sign after NYHA on page 6. It is presented as a square
2. Please delete one punctuation on p 6 after "(defined as SpO2 < 92% or PaO2 < 60 mmHg)"
3. Page 8 "Intraoperative care": Please write Vasoactive instead of "vasoactive" at the beginning of the sentence
4. Page 8 "Rescue strategies for intraoperative hypoxemia" I think you mean „We designed" instead of „We design".
5. Page 10 „Data collection and follow-up" Please write ...on postoperative day 1, 2, 3, 5, 7 or....
6. page 10 last sentence : please write „include" instead of „includes"
7. page 11: „DSMB have access to patient allocation, but the results of interim analysis will be treated as strictly confidential." You should write : DSMB members have.... or DSMB has....
8. page 11 „Study drop-out" Please write: „Both situations" without „two”.
9. page 12: I think you mean „In a descriptive analysis of population..." instead of „In a descriptive analysis to population..."
10. page 13: I think you mean „A multicenter observational trial collecting the ventilator data 1h after induction found .... the elderly [41]." Please change find and elder!
11. page 14, please add a comma after Yet: „Yet no direct evidence revealed...."
12. page 14 : „The major differences from PROVIO trial are: the appearance of pulmonary complications...” please write: compared to the PROVIO...

Level of interest
Please indicate how interesting you found the manuscript:

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**Statistical review**
Is it essential that this manuscript is seen by an expert statistician? If so, please give your reasons in your report.

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