Reviewer’s report

Title: Volume of Tidal Gas Movement in the Nonventilated Lung during One-lung Ventilation and its Relevant Factors

Version: 0 Date: 28 Oct 2019

Reviewer: Andrej Sribar

Reviewer's report:

Statistical analysis: Please replace "abnormal distribution" to "non-normal distribution", or something similar. Readers might get an idea that non-normal distribution are inherently "bad". Please include the info about the statistical analysis software used... By the look of the graphs, I'd say that Graphpad Prism was used.

Results - since the TGM volume differs between races (as you stated in the discussion) you should calculate the TGM / BSA ratio... To facilitate interpretation of your results by people from different countries.

ABGs are needed during OLV, because although it is nice to know what's the volume of tidal gas that moves during lung isolation (and how it can be calculated), the number itself is meaningless if there is no clinically relevant data to make that information meaningful - and ABGs are a good start.

Other parts of the submission are well written.

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.

Unable to assess

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes
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:

Acceptable

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