Reviewer’s report

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

Version: 0 Date: 31 Oct 2019

Reviewer: Jasmina Persec

Reviewer's report:

The aim of the manuscript was to assess the volume of tidal gas passively ventilated into the nonventilated lung and to identify the factors associated with the volume of TGM.

I have some important comments to authors that need to be explained and answered:

-In Introduction section:

1. it should be emphasized why is it important to measure volume of tidal gas movement; did previous studies measured different values that are of some importance in clinical approach?

2. authors stated: "Progressive influx of nitrogen into nondependent lung delays lung collapse" - these references that you provided should be more explained in which way, what is the dimension of it?

-In the Methods section:

1. Why you did not provide gas analysis during operation?; this should be mentioned in limitations of the study

-In results:

1. you stated: The volume of TGM in the present study was smaller than that in other studies (65-265 mL)- please assess this reference, this is one study (Pfitzner J, Peacock MJ, McAleer PT), are there other studies similar?

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.

Yes

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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