Reviewer’s report

Title: Effects of lubrication on air-sealing performance of a pediatric cuffed tracheal tube

Version: 1 Date: 07 May 2017

Reviewer: Yu Chang Yeh

Reviewer's report:

The authors have revised the manuscript and added experiments. However, the results of tube size 5.0 mm in Table 2 and 3 do not support the conclusion that lubrication with K-Y jelly but not water significantly lowered the CP needed to prevent air leakage. The authors may add 5 more tracheal tubes for their experiments to minimize the underpowered issue.

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.

No

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I am able to assess the statistics

Quality of written English
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Needs some language corrections before being published

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