Reviewer’s report

Title: Role of tube size and intranasal compression of the nasotracheal tube in respiratory pressure loss during nasotracheal intubation: a laboratory study

Version: 3 Date: 17 Apr 2017

Reviewer: Yasuko Nagasaka

Reviewer's report:

I see dramatic improvement of the revised manuscript.

It is now ready for publication; however, the figures need revision.

Figures of good manuscripts stand on its own, enabling itself interpretable and understandable without further description.

Also, the manuscript contains extensive # of figures.

Therefore, I would advise:

Fig. 1: no change

Fig. 2 -> Fig. 2a

Fig. 3 -> Fig. 2b

Fig. 4 -> Fig. 2c

Fig. 5: no change

Fig. 6 -> Fig. 2d

Fig. 7 -> Fig. 2e

Fig. 8 -> Fig. 3a

Fig. 9 -> Fig. 3b

Fig. 10: no change

Also, please revise as below:
Fig 2: 'the minor axis of the compressed tube (a) should be equal to Fig 3: G: minor axis of the compressed endotracheal tube. Please use same character to describe same part of the tube.

What do arrows indicate? (I assume the arrow indicate compression force => N)

Fig. 3: What do arrows indicate?

Fig. 5: please remove 'P values were .... test', as this belong to the Methods.

Fig. 7: a and b: you measured pressure losses but where on Figure 2 or 3 did you measure these? Please indicate in characters so that readers can easily understand.

Fig 9: the lines cross and you cannot distinguish which line is 6.0, 6.5, and 7.0.

**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

**Declaration of competing interests**
Please complete a declaration of competing interests, considering the following questions:

1. Have you in the past five years received reimbursements, fees, funding, or salary from an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?
2. Do you hold any stocks or shares in an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

3. Do you hold or are you currently applying for any patents relating to the content of the manuscript?

4. Have you received reimbursements, fees, funding, or salary from an organization that holds or has applied for patents relating to the content of the manuscript?

5. Do you have any other financial competing interests?

6. Do you have any non-financial competing interests in relation to this paper?

If you can answer no to all of the above, write 'I declare that I have no competing interests' below. If your reply is yes to any, please give details below.

I declare that I have no competing interests

I agree to the open peer review policy of the journal. I understand that my name will be included on my report to the authors and, if the manuscript is accepted for publication, my named report including any attachments I upload will be posted on the website along with the authors' responses. I agree for my report to be made available under an Open Access Creative Commons CC-BY license (http://creativecommons.org/licenses/by/4.0/). I understand that any comments which I do not wish to be included in my named report can be included as confidential comments to the editors, which will not be published.

I agree to the open peer review policy of the journal