Author's response to reviews

Title: Bougies as an aid for endotracheal intubation with the Airway Scope: bench and manikin comparison studies

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Author's response to reviews:

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Re: Manuscript Title: "Bougies as an aid for endotracheal intubation with the Airway Scope: bench and manikin comparison studies"

Corresponding Author: Ichiro Takenaka

Dear Drs. Tian and Meyer,

Thank you very much for your kind letter of 15th September 2017 concerning our paper entitled "Comparison of available bougies as an aid for endotracheal intubation with the Airway Scope: bench and manikin studies" (BANE-D-17-00046R3).

We have tried to revise the manuscript as much as possible in line with your and reviewers’ suggestions. All authors attest to the validity and legitimacy of data and accuracy of its interpretation and presentation, and approved of the revision. We hope all these corrections and revisions will be satisfactory.

Yours sincerely,

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For Dr. L Tian (editor)

Thank you very much for your appropriate and valuable suggestions. We rewrote as much as possible in line with your suggestions.

1 Please provide email addresses for all the authors in the title page

→ According to your suggestion, we added the e-mail addresses of all authors in lines 8-12 in page 1 in the fourth revised version.

2 Ethics approval and consent to participate

→ According to your suggestion, we newly added “Informed consent to participate in the study was obtained from all participants.” in lines 12-13 in page 11 in the fourth revised version.

3 Availability of data and materials

→ According to your suggestion, we revised “All the data --- published article.” in lines 31-33 page 11 in the third revised version as “The datasets generated and analyzed during the current study are available from the corresponding author on reasonable request.” in lines 17-18 in page 11 in the fourth revised version.

4 Authors’ contributions

→ According to your suggestion, we revised “Conceived and designed --- Wrote the paper: IT.” in lines 56-59 page 11 in the third revised version as “IT conceived, designed, performed the experiments, analyzed the data, and drafted the manuscript. KA performed the experiments and analyzed the data. TI performed the experiments and contributed materials and analysis tools. YT performed the experiments and contributed materials and analysis tools. All authors read and approved the final manuscript.” in lines 24-28 in page 11 in the fourth revised version.

5 Figure 1

→ According to your suggestion, we combined figure1a and 1b as one single figure (new figure 1 in the fourth revised version).

6 Clean copy

We will ensure that when we upload our revised submission that it is in the final form for publication.
For Dr. MJ Meyer (handling editor)

Thank you very much for your appropriate and valuable suggestions. We rewrote as much as possible in line with your suggestions.

# Please change the title to: Bougies as an aid for endotracheal intubation with the Airway Scope: bench and manikin comparison studies

→ According to your suggestion, we revised the title as “Bougies as an aid for endotracheal intubation with the Airway Scope: bench and manikin comparison studies” in lines 1-2 in page 1 in the fourth revised version.

# In the abstract, please remove the line, "The Portex single use and Frova bougies were challenging to rotate."

→ According to your suggestion, we deleted "The Portex single use and Frova bougies were challenging to rotate." In lines 47-49 in page 2 (abstract section) in the third revised version.

# In the "study limitations" under "discussion", please remove the line, "However, we recommend that anesthesiologists use the bougies that were easy to rotate in this study when they encounter difficulty in intubation with an AWS." Please change the sentence before the previous sentence Pg10-20 (Because this was a bench and manikin study aimed...) to "Notably, this was a bench and manikin study aimed at comparing four bougies, the findings may not accurately indicate how each bougie performs in humans" and move it to the last sentence in the paragraph starting "We used an AirSim manikin in this study. A preliminary..."

→ According to your suggestion, we deleted "However, we recommend --- with an AWS." In lines 24-28 in page 10 (study limitation section) in the third revised version. And, we revised "Because this was... in humans." in lines 20-24 in page 10 in the third revised version as "Notably, this was a bench --- in humans" and moved it to lines 15-17 page 10 in the fourth revised version (the last sentence in the paragraph starting "We used an AirSim manikin in this study. A preliminary...").

# Figure Legends: please clearly delineate Figure 1a and Figure 1b text.

→ We combined figure1a and 1b as one single figure in line with the editor’s suggestion and added Figure 1a and Figure 1b text in the new Figure 1.