Archives of Neuroscience
Volume 11 · Issue 3 · e144272

OPEN PEER REVIEW

The Diagnostic Value of Sub-mental Fat Measurement for Prediction of Difficult Laryngoscopy and Intubation: A Randomized Prospective Study

Omid Azimaraghi, Farnoosh Khamseh, Ali Movafegh

SUBMITTED	REVISED	ACCEPTED	DOI
24 Dec 2023	3 Feb 2024	13 Feb 2024	10.5812/ans-144272

About this report

This open peer review (OPR) report shows the public comments made on this article during peer review, by the reviewers, the associate editor and the editor-in-chief, for every revision round, together with the authors' replies. Comments appear only with the consent of the people who wrote them. Reviewers who chose to sign their report are named; the others are shown as "Referee". Comments are edited for language only, and confidential remarks to the editors are not included.

More about open peer review: brieflands.com/knowledgebase/opr

Contents

1 **Original submission** Referee 1, Referee 2, Associate Editor, Editor-in-Chief 2

2 **Revision 1** Referee 2, Associate Editor, Editor-in-Chief 3

Authors' reply to reviewers 4

Reviewer and editor comments 5

1 Original submission

4 comments · 30 Dec 2023 – 30 Dec 2023

Referee 1 Reviewer

MINOR REVISION 30 Dec 2023

The respected authors of the manuscript have done valuable work, but it is strongly suggested that they refer to the previous work conducted on this topic in Iran and use the following article in the references.
Javid MJ. Examination of submental space as an alternative method of airway assessment (submental sign). BMC Research Notes. 2011 Dec;4:1-4.

Referee 2 Reviewer

MINOR REVISION 30 Dec 2023

Dear AE,
The study provides valuable insights but would benefit from addressing these areas to enhance its applicability and robustness in anesthesiology practice.
The study could benefit from a comparison with other established methods of predicting difficult intubation.
A more detailed explanation of how sub-mental fat was measured would enhance the methodological clarity.
In-depth analysis of cases where predictions were incorrect would be beneficial.
The study lacks a discussion on how these findings could be practically implemented in clinical settings.
The study could be strengthened by a more thorough limitations section discussing potential biases or confounding factors.

Associate Editor

MINOR REVISION 30 Dec 2023

Dear EIC,
This study aimed to test neck-fat diameter as a predictor of airway difficulty.
It is a useful study but needs some revision. All comments should be addressed by the authors, and changes should be made based on the comments.

Editor-in-Chief

MINOR REVISION 30 Dec 2023

Dear Author,
Thank you for submitting the article. It needs some revision. Please revise it based on the reviewers' and AE's comments.

2

Revision 1

AUTHORS' RESPONSE TO REVIEWERS

Authors' reply to reviewers

The next pages contain the authors' point-by-point reply to the comments of this revision round, as submitted with the revised manuscript. It is published as the authors wrote it.

Dear Sir/Mam

Thanks for your kind attention on our work and nice connections that respectable reviewers made on the manuscript. The mentioned points were corrected as following:

Reviewer 1
The mentioned study was used in the manuscript
1. Reference number 5
2. Page 5, paragraph 1, lines 1-3 and page 11,second paragraph

Reviewer 2
The study was compared briefly with other established methods of predicting difficult intubation. Page 11, last paragraph
The measurement method of sub mental fat was added in page. 7, first paragraph
A paragraph about implementation of our finding in clinical setting was added in page 11, last paragraph
The limitation of present study was discussed in page 12, first paragraph

Please let me know if you need any more corrections.

Sincerely yours

2 Revision 1

3 comments · 4 Feb 2024 – 13 Feb 2024

Referee 2 Reviewer

ACCEPT 4 Feb 2024

Dear AE,
I reviewed the manuscript again. The great effort in improving the manuscript is highly appreciated.
The authors have addressed all comments.
Thank you

Associate Editor

ACCEPT 13 Feb 2024

Dear EIC,
I read the manuscript, and the authors corrected the requested items. The article could be accepted at this stage.
Sincerely;

Editor-in-Chief

ACCEPT 13 Feb 2024

Dear Author,
Your revisions have significantly improved the article, and it is now deemed acceptable for publication.
Congratulations on your hard work and dedication to enhancing the quality of your work.