
Peer Review File

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Reviewer A

This is a meta-analysis on different doses of sufentanil combined with nalmeferne in bronchoscopy. My comments are as follows:

1. The authors clearly described, “The purpose of this study was to systematically evaluate the effects of different doses of sufentanil combined with nalmeferne in bronchoscopy examinations through a meta-analysis approach,” in the introduction. However, none of the 7 articles (Ref 7-13) included in this meta-analysis seems not to focus on bronchoscopic examination.

Reply: Dear reviewer, although the articles included in this study do not show the words related to bronchoscopy in the title, the examination method involved in these articles is bronchoscopy.

2. As the authors described in the exclusion criteria, the results of review articles should not be included. Ref 8 and 12 seem to be a review article.

Reply: Dear reviewer, although some of the articles included in this study are reviews, but, some of them involve clinical studies.

3. Ref 13 is a retracted article. It should not be included.

Reply: Dear reviewer, Ref 13 has been replaced. **Changed in text: Line 416-417.**

Reviewer B

First I congratulate you for you successful meta-analysis.

However I have some comments.

1) Some grammatical and punctuation errors found throughout the text need to be corrected

Reply: Dear reviewer, some grammatical and punctuation errors has been modified

2) For a more fluent reading, English editing by a native speaker is needed.

Reply: Dear reviewer, we have asked native speaker to make polished

3) Introduction is too long; it is recommended to shorten it by a few paragraphs.

Reply: Dear reviewer, introduction has been condensed. **Changed in text: Line 73-102.**

4) Evaluate the characteristics of your study in the discussion section with other sedative agents such as Midazolam, propofol, dexmedetomidine (IV, intranasal, sublingual) used during bronchoscopy.

Reply: Dear reviewer, the literature included in this paper does not involve other sedative agents, so it cannot be compared, but it can be improved in subsequent studies.

5) In the discussion section, add a paragraph supported by the literature including our own clinical trial.

Reply: Dear reviewer, relevant content has been added. **Changed in text: Line 317-318.**