Reviewer’s report

Title: Prevalence and multivariable factors associated with inadvertent intraoperative hypothermia in video-assisted thoracoscopic surgery: a single center retrospective study

Version: 0 Date: 08 Dec 2019

Reviewer: Jiapeng Huang

Reviewer's report:

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This is a retrospective analysis of Intraoperative hypothermia in VATS and its associated factors. Authors found common incidence of Intraoperative hypothermia and identified several risks factors.

Perioperative hypothermia has been studied extensively in the literature. These risks factors are well known. The author definition of intraoperative hyperthermia seems arbitrary ( <36 for longer than 5min). Please provide references about this definition.

Please provide PACU temperature data and provide information on whether Intraoperative and Postoperative temperature correlates.

The manuscript could be significantly enhanced if authors could provide outcome data and show whether authors' definition of Intraoperative hypothermia is associated with worse clinical outcomes.

1. Please do NOT use the abbreviation Inadvertent intraoperative hypothermia (IIH). There is no such abbreviation.
2. Page 7: "After regrouping PVB according to blocking time, we found that, compared with general anesthesia alone, the risk of..". How do you regroup according to blocking time? Please explain in details.
3. Page 8: Conclusions: "Advanced perspective studies are needed .....". Please change to " Prospective studies.

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.
No

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 recommend additional statistical review

**Quality of written English**
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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