Reviewer’s report

Title: Increased risk for the development of postoperative severe hypoxemia in obese women with acute type A aortic dissection

Version: 0 Date: 17 Feb 2019

Reviewer: P Zhu

Reviewer’s report:

Thank you very much for giving me this opportunity to review your article. Your unit has accumulated rich experience in aortic dissection area, which is worth learning. However, there are still some questions for you.

1. It is well known that aortic dissection may involve bronchial artery and cause pulmonary interstitial edema. Therefore, intractable hypoxemia may occur during perioperative period. There are many related studies. There seems to be no new conclusion in your article.

2. Obesity and women are high risk factors for pulmonary insufficiency after thoracotomy or cardiopulmonary bypass. As can be seen from your figure 1, different patients have different degrees of hypoxemia before surgery, and there will be transient hypoxemia after surgery, and then increase, but the reduction is different. Do we need to take into account the different hypoxemia conditions before surgery?

Level of interest
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An article of limited interest

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

Not suitable for publication unless extensively edited

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