Reviewer's report

**Title:** Asystole Following Positive Pressure Insufflation of Right Pleural Cavity

**Version:** 1  **Date:** 29 November 2010

**Reviewer:** Hong Liu

Which of the following following best describes what type of case report this is?: An unexpected event in the course of observing or treating a patient

Has the case been reported coherently?: Yes

Is the case report authentic?: Yes

Is the case report ethical?: Yes

Is there any missing information that you think must be added before publication?: Yes

Is this case worth reporting?: Yes

Is the case report persuasive?: Yes

Does the case report have explanatory value?: Yes

Does the case report have diagnostic value?: Yes

Will the case report make a difference to clinical practice?: Yes

Is the anonymity of the patient protected?: Yes

Comments to authors:

The authors reported a case of asystole at the onset of positive pressure insufflation of right hemithorax in a patient undergoing thoracoscopic single-lung ventilation procedure. Although it was never reported in the thoracic surgery settings, it has happened in other cases. The followings are my comments:

1. Please label the pages. I assume the abstract page as page 1.
2. To present a case, it should follow the orders of: present history, past medical and surgical history, medications, allergy, physical exam.
3. In physical exam, height is also needed.
4. Page 2, line 3 from bottom, move “easily” to after “stairs”.
5. Page 3. Please add the dosage of medication you use during induction and maintenance.
6. Page 3, what is the ventilation setting?
7. Page 3, Please explain why this case needed insufflation a high pressure and flow.
8. Page 4, line 4 from bottom, Please explain what does “…increase in CVP…” Does this mean increased preload or decreased preload?
9. Page 6, line 2. Please change the word “prepping” to a different one.
10. Page 6, line 8, What do you see on the screen? You should be able to tell whether the lung is deflated or not.
11. Page 6, line 6 from the bottom, Please delete “at different institutions”.

Quality of written English: Acceptable

Declaration of competing interests:

I declare that I have no competing interests.