Reviewer's report

Title: Completion Pneumonectomy for Lung Cancer Treatment: Early and Long Term Outcomes in China

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Reviewer: Sun Yifeng

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Comment
In this retrospective study, the authors analyzed the 10 years (From January 1988 to December 2007) experience of completion pneumonectomy (CP) for lung cancer at a single institution in China. The authors reviewed indication, mortality, morbidity and following-up of 88 patients underwent CP of lung cancer, and compared with other articles. Completion pneumonectomy is really a challenging procedure for the thoracic surgeon. Sometimes it is really difficult for the thoracic surgeon to decide whether the patients would benefit from the complex and dangerous procedure or not. However, as the authors point out, for a majority of lung cancer patients who suffered from a recurrent or second primary lung cancer, CP offers the only chance for a cure. CP was a procedure of complexity and high risks, carefully assessment medical condition of patients and close studying of the primary operation record were recommended in this paper. One of main risk factors of CP was hemorrhage in post-operative period, the reason was mainly due to taking down dense parietal adhesions or the direct injuries to pulmonary blood vessels, the authors give their experience to deal with such blood losing. In addition, the authors conducted the multivariate analysis of risk factors for CP mortality and 5-year survival rates, and concluded TNM stage was significantly associated with 5-year survival rates. This article had relative more cases compared with other literatures, and I think this paper will give readers the direction in patient selection, operation technique and complication processing.

Data inconsistent, spelling mistake, sentence improving, etc, I had noted in the PDF draft.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Needs some language corrections before being published

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:
'I declare that I have no competing interests'