Reviewer’s report

Title: Is stereotactic radiosurgery a rational treatment option for brain metastases from small cell lung cancer? A retrospective analysis of 70 consecutive patients

Version: 2 Date: 14 November 2014

Reviewer: Simon Lo

Reviewer’s report:

Overall, this is a very well written paper of high scientific interest and clinical significance. This approach may represent a potentially new paradigm in the management of small cell lung carcinoma brain metastases.

Major Compulsory Revisions:

It would be very helpful to include an analysis of the risk factors associated with distant brain failure after SRS, focusing on those patients who received SRS only for newly diagnosed small cell lung ca brain metastases. It is necessary to determine whether the number of brain metastases correlates with the risk of distant brain failure.

Minor Essential Revisions:
1. Please include the range for the median follow-up (Line 155).
2. How did the authors determine whether it was tumor progression or radiation necrosis? (Line 182)

Level of interest: An article of importance in its field

Quality of written English: Acceptable

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.