Reviewer’s report

Title: Adaptation of Magnetic Resonance Imaging and Stereotactic Irradiation for Management of Brain Metastasis-attenuated Benefits of Prophylactic Cranial Irradiation in Patients with Limited-stage Small Cell Lung Cancer

Version: 4 Date: 17 June 2015

Reviewer: Paul Rava

Reviewer's report:

The previous comments were revised and are believed to be acceptable for publication. One minor revision is that it needs to be clearly stated that a small retrospective study should never be practice changing when randomized evidence exists that provides large prospective data. While definitely thought provoking, these results are not provide evidence to waiver from the current standard of care.

While the initial prospective trials are flawed (especially by today's diagnostic standards) they still provide valuable evidence that is not simply null and void by selected and non-randomized data. There are many retrospective studies that show a clear benefit when compared to historical controls. These the majority of the time progress from phase I to phase III and only to fail in phase III trials.

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

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