Reviewer's report

Title: Miliary brain metastasis of lung cancer with calcification: a case report

Version: 2 Date: 2 April 2012

Reviewer: Eric Wong

Which of the following following best describes what type of case report this is?: Unexpected or unusual presentations of a disease

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?: No

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:

Inomata et al described a case of military brain metastasis with concomitant leptomeningeal disease in a patient with non-small cell lung cancer having mutated EGFR. The interesting aspect pertains to the calcified nature of the brain metastases and they grew over a span of 6 months on serial head CT. To date, there were only two other reported cases of calcified military brain metastasis.

Comments:

The authors did a nice job in documenting this special case of calcified military brain metastasis. This would add to the body of the literature of this pattern of brain metastasis. However, in the Discussion section, the authors should offer some thoughts, and even speculations, on the origin and etiology of the progressive calcifications. Is it possible that the calcifications are results of microhemorrhages? If so, did the other tumors outside of the central nervous
system bleed?

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

**Declaration of competing interests:**

None.