Reviewer’s report

Title: Multiple intraventricular metastases from lung adenocarcinoma with EGFR G719X mutation: A case report

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Reviewer: Jumpei Kashima

Reviewer's report:

The authors summarize a case with intraventricular lesions in lung adenocarcinoma patient. EGFR-targeted treatment is shown to be effective to the intracranial lesions. The figure made of MRI are impressive, and it may provide useful information in distinguishing metastatic cancer from other benign lesions. There is a concern; however, in publishing this report, since intraventricular metastasis itself is not novel as some reports have already been published.

Major comments:
1. The major significance of the report is presenting radiographic features of metastatic lung carcinoma without parenchymal lesion Therefore, more differential diagnoses and information related to the radiologic similarity and difference from benign intraventricular masses should be provided in the discussion part.
2. Another strength of the report seems to be the favorable reaction of the lesions to the EGFR-targeted treatment. It is also notable that the tumor harbored a rare mutation of EGFR gene (G719X). These information should be noted or implied in the title, and stressed in the manuscript.

Minor comments:
1. The description of the past case reports in the discussion part should be more concise.
2. Figures and Figure legends are not correspondent.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Unable to assess

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Unable to assess

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.
Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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