Reviewer’s report

Title: The therapeutic value of cerebrospinal fluid ctDNA detection by Next-Generation Sequencing for meningeal carcinomatosis: a case report

Version: 0 Date: 09 Nov 2018

Reviewer: alicia okines

Reviewer's report:

1. Abstract; this needs to be re-written as the patient was already gefitinib for a known EGFR exon 19 Del mutation, so the chronology is incorrect.

2. Background; guidance for LMD management are available from EANO-ESMO; https://www.esmo.org/Guidelines/Neuro-Oncology/EANO-ESMO-Leptomeningeal-Metastasis-Clinical-Practice-Guidelines

3. Background; please reference the final statement on page 3.

4. Results; case presentation; again this needs to be re-written to make the chronology clear

5. Results; case presentation; its unclear regarding whether the patient clinically responded to the IT methotrexate or not, please add this.

6. Conclusion; ctDNA has already been demonstrated to be a useful technology in this setting.

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

No

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.

No
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.

Not relevant to this manuscript

Quality of written English
Please indicate the quality of language in the manuscript:

Not suitable for publication unless extensively edited

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