Reviewer's report

Title: SURGICAL TREATMENT OF ENDOPERITONEAL METASTASES FROM LUNG CANCER: REPORT OF TWO CASES AND REVIEW OF THE LITERATURE

Version: 1 Date: 04 Jun 2019

Reviewer: Venu Konala

Reviewer's report:

1. Do you believe the case report is authentic?
   No

2. Do you have any ethical concerns? Please consider if local Institutional Review Board approval or ethical approval was obtained (if appropriate) and if the patient (or their parent or guardian in the case of children under 18) gave written, informed consent to publish this case and any accompanying images. A statement to this effect should appear in the manuscript.
   Present

3. Does the Introduction explain the relevance of the case to the medical literature?
   Yes

4. Does the article report the following information? Where information is missing, please specify.
   a. The relevant patient information, including:
      - De-identified demographic information (age, gender, ethnicity)
      - Main symptoms of the patient
      - Medical, family and psychosocial history
      - Relevant past interventions and their outcomes
   b. The relevant physical examination findings
c. Important dates and times in this case (if appropriate, organized as a timeline via a figure or table); if specific dates could lead to patient identification, consider including time relevant to initial presentation, i.e. initial presentation at T = 0, follow up at T = 1 month.

d. Diagnostic assessments, including:
   - Diagnostic methods
   - Challenges (e.g., financial, language/cultural)
   - Reasoning and prognostic characteristics (e.g., staging), where applicable

e. Types and mechanism of intervention

f. A summary of the clinical course of all follow-up visits

Comments: Above mentioned information was reported

5. Is the interpretation (discussion and conclusion) well balanced and supported by the case presented?

   Well balanced

6. Is the anonymity of the patient protected? Please consider any identifying information in images such as facial features or nametags, whether the patient is named etc. If not, please detail below.

   Yes

7. Is the Abstract representative of the case presented?

   Yes

8. Does the case represent a useful contribution to the medical literature?

   Yes
9. Additional comments for the author(s)?

Interesting case reports. Please consider modifications as discussed below.

Abstract introduction -

Line 3-6
Lung cancer is one of the most common neoplasms in the world with early metastases and is associated with poor prognosis in advances stages

Line 17
But - add comma - But, Its

Background –

Line 14
Spelling needs to be changed to Pseudomyxoma

Line 34 - the literature instead of literature
Case report -

Change Taxol to Paclitaxel throughout the case report
Sm needs to changed to m2

Line 23 Case report - 39 year instead of years

Line 51 - Considering the previous toxicity to taxol no other drug was associated - what does this mean - ?? Considering previous toxicity to Paclitaxel - no other drug was used.

Discussion -

Line 23 - a poor prognosis

Line 28 - please consider changing to - mostly from the breast cancer (40.8%), followed by lung cancer (25.6%)

Line 34 - series, this - add comma

Line 37 - It is, therefore, possible - add commas

Line 46 - history of a pleural - remove a

Line 48 - 51 - but to our knowledge, these are the first literature report of diffuse peritoneal spread from lung cancer.
I saw in the discussion - In the recent review from Balla et al. (15), the reported patients with clinically obvious peritoneal metastases from lung cancer

How can this be the first report

Line 43-51
In the recent review from Balla et al. (15), the reported patients with clinically obvious peritoneal metastases from lung cancer are 191, and disparity with autoptic series suggest that most cases are asymptomatic or unreported (16,17).

Sentence needs clarification - I reviewed the article and there were 91 patients and 2 patient did have peritoneal metastasis. This contradicts the earlier statement made by authors [but to our knowledge, these are the first literature report of diffuse peritoneal spread from lung cancer]

Autoptic need to be changed to autopsy

Line 51-60
Similarly to our patients, the emergency onset with bowel obstruction and/or bowel perforation make the surgical treatment necessary and explains, together with the concomitant presence in more than 60% of the patients of associated extrabdominal metastases (11,12), the poor prognosis

Please break it down into two sentences to make it simple.

References need to be adjusted as per JCMR format
**Level of interest**
Please indicate how interesting you found the manuscript:

An article of importance in its field

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

Needs some language corrections before being published

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Were you mentored through this peer review?

No