PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 70400

Title: Small-cell carcinoma of the prostate with negative CD56, NSE, Syn, and CgA indicators: A case report

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 05464548

Position: Peer Reviewer

Academic degree: PhD

Professional title: Academic Research, Research Associate, Research Scientist

Reviewer’s Country/Territory: Iran

Author’s Country/Territory: China

Manuscript submission date: 2021-08-01

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-08-23 05:39

Reviewer performed review: 2021-08-23 07:28

Review time: 1 Hour

<table>
<thead>
<tr>
<th>Scientific quality</th>
<th>[ ] Grade A: Excellent</th>
<th>[ ] Grade B: Very good</th>
<th>[Y] Grade C: Good</th>
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<tr>
<td></td>
<td>[ ] Grade D: Fair</td>
<td>[ ] Grade E: Do not publish</td>
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<tr>
<th>Language quality</th>
<th>[ ] Grade A: Priority publishing</th>
<th>[Y] Grade B: Minor language polishing</th>
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<tbody>
<tr>
<td></td>
<td>[ ] Grade C: A great deal of language polishing</td>
<td>[ ] Grade D: Rejection</td>
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<tr>
<th>Conclusion</th>
<th>[ ] Accept (High priority)</th>
<th>[ ] Accept (General priority)</th>
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<tr>
<td></td>
<td>[ ] Minor revision</td>
<td>[Y] Major revision</td>
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| Re-review          | [Y] Yes                     | [ ] No                       |
SPECIFIC COMMENTS TO AUTHORS
Dear Authors,

Thank you so much for preparation this rare case from prostate cancer. I read the paper in details and I found some points that I would share for your consideration;

1. These days, using the 68Ga-PSMA PET is highly recommended for rare cases in initial stages for finding small lesions around the prostate bed or extra-prostate LN metastasis. Therefore, conventional imaging such as CT or MRI is not recommended only for initial imaging or staging of the patients. In your case, however; you provided the historical info about the patient but it seems that medical imaging for this case is not under updated scans (PET/CT).

2. Regarding the developing of 177Lu-PSMA-617 for treatment planning of metastatic prostate cancer patients, I think you have to focus on the new tracers which are FDA approved. Please check the below link for checking the results about the same case that the authors prepared it very perfectly not only for the initial imaging but for following under 177Lu-PSMA-617 therapy (three or four cycle);

https://tech.snmjournals.org/content/jnmt/47/1/85.full.pdf

3. With no specific symptoms in the early stage, CT scan or another conventional imaging cannot find active masses from the body. It seems sometimes you find the lesions in the lung as a metastatic site but you do not know about function of the lesion. So it is not perfect for only focusing on the structural imaging for final decision on the interpretation. In short, I could not finally have a clear decision on your case and in my opinion it is not ready to publish according the previous comments.

4. The images do not provide with good resolution and also the name of the patients must remove from the images without consent from patients. As an another point, please use the lung window for showing the
involved masses. I kindly ask you please provide the more imaging data from the patient regarding the comments and then transfer to me for more discussion. Hope your case is ready for publishing in the valuable journal soon. Thanks.
RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Clinical Cases
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Title: Small-cell carcinoma of the prostate with negative CD56, NSE, Syn, and CgA indicators: A case report
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Reviewer’s code: 05464548
Position: Peer Reviewer
Academic degree: PhD
Professional title: Academic Research, Research Associate, Research Scientist
Reviewer’s Country/Territory: Iran
Author’s Country/Territory: China
Manuscript submission date: 2021-08-01
Reviewer chosen by: Ji-Hong Liu
Reviewer accepted review: 2021-11-24 12:09
Reviewer performed review: 2021-11-24 12:12
Review time: 1 Hour

| Scientific quality | [ ] Grade A: Excellent | [ ] Grade B: Very good | [ ] Grade C: Good |
|                   | [ ] Grade D: Fair      | [ ] Grade E: Do not publish |
| Language quality  | [ Y] Grade A: Priority publishing | [ ] Grade B: Minor language polishing |
|                   | [ ] Grade C: A great deal of language polishing | [ ] Grade D: Rejection |
| Conclusion        | [ ] Accept (High priority) | [ Y] Accept (General priority) |
|                   | [ ] Minor revision      | [ ] Major revision       | [ ] Rejection |
| Peer-reviewer     | Peer-Review: [ Y] Anonymous | [ ] Onymous |
SPECIFIC COMMENTS TO AUTHORS
Dear Authors, Thank you so much for your nice paper after final revision of the article. Hope we can hear more from your valuable team in the soonest future.
Sincerely,