PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 85167

Title: Treatment of fungal liver abscess complicated with COVID-19 after liver metastasis ablation: A case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 05451751

Position: Peer Reviewer

Academic degree: MD

Professional title: Assistant Professor

Reviewer’s Country/Territory: India

Author’s Country/Territory: China

Manuscript submission date: 2023-04-15

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-04-22 14:21

Reviewer performed review: 2023-04-22 15:50

Review time: 1 Hour

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<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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<td></td>
<td>[ ] Grade D: Fair</td>
<td>[ ] Grade E: Do not publish</td>
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<tr>
<th>Novelty of this manuscript</th>
<th>[ ] Grade A: Excellent</th>
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<th>[ ] Grade C: Fair</th>
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<td>[ ] Grade D: No novelty</td>
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<th>Creativity or innovation of this manuscript</th>
<th>[ ] Grade A: Excellent</th>
<th>[Y] Grade B: Good</th>
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<td>[ ] Grade D: No creativity or innovation</td>
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In this article, the authors reported a rare case of candida liver abscess complicated by COVID-19 and underlying malignancy. Though case is rare, well written and interesting. There are several flaws in case presentation, I have some suggestions which should be addressed by the authors. Please find my suggestions below:

1. Title should depict the exact diagnosis; Candida is missing here that should be included.
2. Did the patient have any symptoms regarding liver abscess? Fever? Pain abdomen or other signs of infections? Chief complaints and case presentation is incomplete and needs to be revised.
3. Line 106... patient had liver mets, underwent ablation. When did patient diagnosed with liver abscess and how?? Again, lot of information is missing from case presentation.
4. Please mention the normal values of lab parameters.
5. Authors should also add how candida albicans abscess was diagnosed. Regarding culture report etc.. Susceptibility report if available.
6. How the patient was diagnosed with COVID-19, any reason to suspect COVID ?
7. All these information regarding case has to be in ‘case presentation-history and lab diagnosis section.
8. I am curious to know why fluconazole was started in this patient who had invasive candidiasis? Why not caspofungin or amphotericin...
which are preferable option in invasive candidiasis. Fluconazole is usually a step-down therapy in invasive candidiasis. 8. In ‘Discussion’ section, first 2 paragraph regarding malignancy are irrelevant for the current case, can be removed. 9. Authors should highlight the incidence of candida/fungal liver abscess and its outcome. 10. How COVID-19 is relevant in this patient? Did the patient have any symptoms of LRTI?
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Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 02540325

Position: Editorial Board

Academic degree: PhD

Professional title: Doctor, Full Professor

Reviewer’s Country/Territory: Nepal

Author’s Country/Territory: China

Manuscript submission date: 2023-04-15

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-04-29 14:27

Reviewer performed review: 2023-05-03 09:07

Review time: 3 Days and 18 Hours

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### Scientific significance of the conclusion in this manuscript

- [ ] Grade A: Excellent
- [Y] Grade B: Good
- [ ] Grade C: Fair
- [ ] Grade D: No scientific significance

### Language quality

- [ ] Grade A: Priority publishing
- [Y] Grade B: Minor language polishing
- [ ] Grade C: A great deal of language polishing
- [ ] Grade D: Rejection

### Conclusion

- [ ] Accept (High priority)
- [ ] Accept (General priority)
- [Y] Minor revision
- [ ] Major revision
- [ ] Rejection

### Re-review

- [ ] Yes
- [Y] No

### Peer-reviewer statements

- Peer-Review: [Y] Anonymous
- [ ] Onymous

- Conflicts-of-Interest: [ ] Yes
- [Y] No

### SPECIFIC COMMENTS TO AUTHORS

Fungal abscess after chemotherapy, ablation therapy are rare occurrence. This case report is well written and can be published due to its rarity. Relation of Covid19 and fungal abscess is unclear. For me, it appears, the Covid19 is just incidental superimposed infection. Beside some case reports it is unclear whether Covid19 causes increase in mortality due to liver abscess.
RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Gastrointestinal Oncology
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Position: Peer Reviewer
Academic degree: MD
Professional title: Assistant Professor
Reviewer’s Country/Territory: India
Author’s Country/Territory: China
Manuscript submission date: 2023-04-15
Reviewer chosen by: Yu-Lu Chen
Reviewer accepted review: 2023-05-15 07:22
Reviewer performed review: 2023-05-15 07:54
Review time: 1 Hour

Scientific quality
[ ] Grade A: Excellent  [ ] Grade B: Very good  [ Y] Grade C: Good
[ ] Grade D: Fair  [ ] Grade E: Do not publish

Language quality
[ ] Grade A: Priority publishing  [ Y] 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
I am satisfied with the revised form of article. The manuscript can be accepted now for publication.