**Author’s response to reviews**

**Title:** Pseudomyxoma peritonei induced by low-grade appendiceal mucinous neoplasm accompanied by rectal cancer: A case report and literature review

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Responds to the reviewers’ comments:

Reviewer #1:

1. Please check carefully references in the text

Response: We have already checked the references in the text carefully.

Reviewer #2:

1. The Authors should review the paper following the CARE check list and in case of additional Systematic Literature review by Prisma Check list.

Response: We have carefully reviewed our paper following the CARE check list and in case of additional Systematic Literature review by Prisma Check list.

2. In the Background section, there are two Reference sources not found.

Response: We have checked the references in the text and have made sure Reference sources could be found.
3. In the Case Presentation section, they didn't report the grade of Completeness of Cytoreduction and the Peritoneal Carcinomatosis Index.

Response: We consulted the Chief surgeon and researched the surgery record. We have made correction according to the Reviewer’s comments. The peritoneal cancer index (PCI) was estimated intraoperatively, and the aggregative score of 13 abdominopelvic regions reached 20. Although some residual cancer remained, there was no nodule larger than 2.5 mm in diameter. Thus, we performed CC1 cytoreduction on the patient.

4. Moreover, they did not explain why the patient did not receive chemotherapy and radiotherapy after surgery.

Response: We strongly recommended that the patient receives chemotherapy or radiotherapy after surgery. However, to date, the patient did not receive these treatments due to economic difficulties.

5. It is not clear what the Authors means in the discussion with the following sentence: "Because CEA and EpCAM are invariably expressed...20therapies against this malignancy [55].

Response: Pirjo Nummela et al. found that pseudomyxoma peritonei tumour cells invariably express CEA and EpCAM. These authors propose that CEA and EpCAM could be exploited to develop targeted therapies against this malignancy [55].

6. About the Prognosis: which is the prognosis reported in the Literature about CRS without HIPEC?

As Reviewer suggested that the authors also reported the outcome of 242 patients treated with CRS without HIPEC and showed that the 5-year survival rate was 40%, while the 10-year survival rate was 27%.

7. The Conclusion Section is too long and not trenchant.

Response: We are very sorry for our negligence of Conclusion Section. The Conclusion Section is only the last paragraph.

Special thanks to you for your good comments.

Responds to the editor
Other changes:

1. The statement of “The patient was discharged on postoperative day 2” were corrected as “The patient was discharged on postoperative day 15”

2. The statement of “The 3-year survival rate was 80%. The 5-year survival rate was 74%.” was added

3. The statement of “The patient is currently healthy.” was deleted.

4. The statement of “The patient complained of increased abdominal distension, which was considered due to large amounts of peritoneal effusion and intestinal obstruction caused by rectal cancer and a large ileocecal mass” was deleted.

We would like to express our great appreciation to you and reviewers for comments on our paper. Looking forward to hearing from you.