



## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Oncology

**Manuscript NO:** 58306

**Title:** Preoperative rectal tumor embolization as an adjunctive tool for bloodless abdominoperineal excision: a case report.

**Reviewer's code:** 03733147

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Associate Professor, Surgeon

**Reviewer's Country/Territory:** South Korea

**Author's Country/Territory:** Brazil

**Manuscript submission date:** 2020-07-22

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-07-23 04:33

**Reviewer performed review:** 2020-07-23 07:28

**Review time:** 2 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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#### **SPECIFIC COMMENTS TO AUTHORS**

This is very interesting case of preoperative embolization (PE) of rectal cancer, which probably reducing intraoperative blood loss. I have a few criticisms. 1. PE might be a great idea to reduce morbidity. However, it is very difficult to reveal the causal relationship of PE and reduced blood loss. In my experience, most intraoperative bleeding happens during peri-tumoral dissection, not tumor itself. Furthermore, rectal cancer is not a hypervascular tumor. 2. Authors showed a great figure of total mesorectal excision (TME) specimen. Your fine TME procedure itself might reduce blood loss rather than effect of PE of tumor. Authors underwent surgery 2 days after surgery. In pathology, extensive tumor necrosis was observed in rectal cancer. Rectal tumor necrosis might cause the risk of intraoperative tumor perforation during peri-tumoral dissection. Thus, authors should discuss about the causal relationship of PE and reduced blood loss and risk of PE.



## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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**Academic degree:** MD, PhD

**Professional title:** Associate Professor, Surgeon

**Reviewer's Country/Territory:** South Korea

**Author's Country/Territory:** Brazil

**Manuscript submission date:** 2020-07-22

**Reviewer chosen by:** Jia-Ping Yan

**Reviewer accepted review:** 2020-08-25 01:48

**Reviewer performed review:** 2020-08-25 02:32

**Review time:** 1 Hour

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS



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PE might be helpful to limited cases of hypervascular rectal cancer.