

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

Scientific quality	<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 Grade E: Do not publish
Language quality	<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
Conclusion	<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
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	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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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

Scientific quality	<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
Language quality	<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
Conclusion	<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
Peer-reviewer statements	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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PE might be helpful to limited cases of hypervascular rectal cancer.