



## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 55707

**Title:** Role of Simultaneous Transcatheter Arterial Chemoembolization and Portal Vein Embolization Prior to Scheduled Major Hepatectomy for Patients with Large Hepatocellular Carcinoma

**Reviewer's code:** 03765071

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Doctor

**Reviewer's Country/Territory:** Japan

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

**Manuscript submission date:** 2020-03-30

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

**Reviewer accepted review:** 2020-05-10 04:12

**Reviewer performed review:** 2020-05-13 08:23

**Review time:** 3 Days and 4 Hours

<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 Grade E: Do not publish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 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</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

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

### **SPECIFIC COMMENTS TO AUTHORS**

In the present manuscript, Zhang C et al. evaluated the clinical results of simultaneous TACE with PVE as a preoperative treatment for large hepatocellular carcinoma. They concluded that this approach was safe and contributed to shorten the waiting period before surgery, resulted in favorable surgical outcomes. The major concern of simultaneous TACE and PVE is liver parenchymal infarction followed by liver dysfunction, especially in patients with cirrhosis. The present series included patients with good liver function (ICGR15 <10%), and this may be the reason why no liver failure was encountered after simultaneous TACE and PVE. This point is important and to be emphasized in this paper. 1. If the authors measured portal pressure, these data may be important. PVE can be a tolerance test of sudden increase in portal pressure induced after a major hepatic resection. 2. Preoperative sequential TACE and PVE for hepatocellular carcinoma was first reported by Makuuchi's group (Arch Surg 2004). This first report should be cited. The report by Nakao et al. (Radiology 1986) documented increase tumor necrosis induced by this approach and did not propose a preoperative approach to extend surgical indications.



## RE-REVIEW REPORT OF REVISED MANUSCRIPT

**Name of journal:** World Journal of Gastroenterology

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**Title:** Role of Simultaneous Transcatheter Arterial Chemoembolization and Portal Vein Embolization Prior to Scheduled Major Hepatectomy for Patients with Large Hepatocellular Carcinoma

**Reviewer's code:** 03765071

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Doctor

**Reviewer's Country/Territory:** Japan

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

**Manuscript submission date:** 2020-03-30

**Reviewer chosen by:** Ze-Mao Gong

**Reviewer accepted review:** 2020-06-30 10:29

**Reviewer performed review:** 2020-07-01 01:57

**Review time:** 15 Hours

<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



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

In the revised manuscript, the authors have responded appropriately to the questions raised by the reviewers. Therefore, I have no additional comments to the revised manuscript.