

## PEER-REVIEW REPORT

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

**Manuscript NO:** 77726

**Title:** Efficacy of transcatheter arterial chemoembolization using pirarubicin-loaded microspheres combined with lobaplatin for primary liver cancer

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05607090

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor, Associate Professor

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

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

**Manuscript submission date:** 2022-05-16

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-06-21 10:39

**Reviewer performed review:** 2022-06-27 11:40

**Review time:** 6 Days and 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 Grade E: Do not publish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 checked="" type="checkbox"/> Grade A: Priority publishing <input 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
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="radio"/> ] Anonymous [ <input type="radio"/> ] Onymous Conflicts-of-Interest: [ <input type="radio"/> ] Yes [ <input checked="" type="radio"/> ] No
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#### **SPECIFIC COMMENTS TO AUTHORS**

The main therapies for primary liver cancer include liver transplantation, surgical resection, local ablation therapy, TACE and targeted therapy. The onset of this disease is insidious and it develops very fast. When primary liver cancer is confirmed in a patient, generally it means a high degree of malignancy and the patient has lost the best opportunity of surgical resection. Liposoluble chemotherapy agents dissolved in lipiodol can stay longer in liver tumor, which may strengthen the anti-tumor efficacy of chemotherapy agents. In this study, the authors discussed the efficacy of TACE with pirarubicin-loaded microspheres combined with lobaplatin for primary liver cancer and PFS, OS, clinical response rate, disease control rate, liver and kidney function and adverse reactions. The manuscript is overall well written. The aim is clear, and the results are well displayed. Some minor editing is required.

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**Academic degree:** MSc

**Professional title:** Staff Physician

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**Baishideng  
Publishing  
Group**

7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
**E-mail:** bpgoffice@wjgnet.com  
<https://www.wjgnet.com>

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

This is an interesting study about the efficacy and safety of TACE for primary liver cancer. The study is well performed. The results are very well discussed. The references should be edited and updated.