

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 52737

Title: Validation and Evaluation of Clinical Prediction Systems for First and Repeated Trans-arterial Chemoembolization in Unresectable Hepatocellular Carcinoma: A Chinese Multicenter Retrospective Study

Reviewer's code: 03724558

Position: Peer Reviewer

Academic degree: MD

Professional title: Assistant Lecturer

Reviewer's country: Egypt

Author's country: China

Reviewer chosen by: Artificial Intelligence Technique

Reviewer accepted review: 2019-11-19 13:29

Reviewer performed review: 2019-11-22 11:45

Review time: 2 Days and 22 Hours

| SCIENTIFIC QUALITY | LANGUAGE QUALITY | CONCLUSION | PEER-REVIEWER STATEMENTS |
|---------------------------------------------|-------------------------------------------------------|-----------------------------------------|---------------------------------------|
| <input type="checkbox"/> Grade A: Excellent | <input type="checkbox"/> Grade A: Priority publishing | <input type="checkbox"/> Accept | Peer-Review: |
| <input type="checkbox"/> Grade B: Very good | <input type="checkbox"/> Grade B: Minor language | (High priority) | <input type="checkbox"/> Anonymous |
| <input type="checkbox"/> Grade C: Good | polishing | <input type="checkbox"/> Accept | <input type="checkbox"/> Onymous |
| <input type="checkbox"/> Grade D: Fair | <input type="checkbox"/> Grade C: A great deal of | (General priority) | Peer-reviewer's expertise on the |
| <input type="checkbox"/> Grade E: Do not | language polishing | <input type="checkbox"/> Minor revision | topic of the manuscript: |
| publish | <input type="checkbox"/> Grade D: Rejection | <input type="checkbox"/> Major revision | <input type="checkbox"/> Advanced |
| | | <input type="checkbox"/> Rejection | <input type="checkbox"/> General |
| | | | <input type="checkbox"/> No expertise |
| | | | Conflicts-of-Interest: |
| | | | <input type="checkbox"/> Yes |
| | | | <input type="checkbox"/> No |

SPECIFIC COMMENTS TO AUTHORS

1- In the abstract , You wrote that the study was conducted from January 2009 to December 2015 and then in the manuscript , you wrote that the study was conducted from January 2010 to May 2016. 2- ??? Follow up of patients , you wrote that Contrast enhanced CT or MRI was done every 8 weeks. This is against International guidelines. Is it special for your locality guidelines and this may harm your patients (Contrast nephropathy). 3- In page 17 , You wrote that as shown in table 3 and it must be as shown in table 4. 4- According to your results , For first TACE 553 patients are not candidates for TACE Would you recommend change in guidelines in the future for those non candidates for TACE. 5- What about recommendations for this study , Would you recommend Larger number of patients to validate these results?

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 52737

Title: Validation and Evaluation of Clinical Prediction Systems for First and Repeated Trans-arterial Chemoembolization in Unresectable Hepatocellular Carcinoma: A Chinese Multicenter Retrospective Study

Reviewer's code: 03867417

Position: Peer Reviewer

Academic degree: MD

Professional title: Associate Professor

Reviewer's country: Lebanon

Author's country: China

Reviewer chosen by: Jie Wang

Reviewer accepted review: 2019-11-24 13:14

Reviewer performed review: 2019-11-24 13:35

Review time: 1 Hour

| SCIENTIFIC QUALITY | LANGUAGE QUALITY | CONCLUSION | PEER-REVIEWER STATEMENTS |
|--------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Grade A: Excellent | <input checked="" type="checkbox"/> Grade A: Priority publishing | <input type="checkbox"/> Accept | Peer-Review: |
| <input checked="" type="checkbox"/> Grade B: Very good | <input type="checkbox"/> Grade B: Minor language | (High priority) | <input checked="" type="checkbox"/> Anonymous |
| <input type="checkbox"/> Grade C: Good | polishing | <input checked="" type="checkbox"/> Accept | <input type="checkbox"/> Onymous |
| <input type="checkbox"/> Grade D: Fair | <input type="checkbox"/> Grade C: A great deal of | (General priority) | Peer-reviewer's expertise on the |
| <input type="checkbox"/> Grade E: Do not | language polishing | <input type="checkbox"/> Minor revision | topic of the manuscript: |
| publish | <input type="checkbox"/> Grade D: Rejection | <input type="checkbox"/> Major revision | <input type="checkbox"/> Advanced |
| | | <input type="checkbox"/> Rejection | <input checked="" type="checkbox"/> General |
| | | | <input type="checkbox"/> No expertise |
| | | | Conflicts-of-Interest: |
| | | | <input type="checkbox"/> Yes |
| | | | <input checked="" type="checkbox"/> No |



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SPECIFIC COMMENTS TO AUTHORS

The article is well-written and a pleasure to read and the authors should be commended for this. The main thing I would like to see improved is the addition of the treatment lines at progression before inferring on the overall survival effect. Minor comments : - Define abbreviations at the first occurrence in the text - Summarize briefly the 6&12 criteria in the introduction

INITIAL REVIEW OF THE MANUSCRIPT

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BPG Search:

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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 52737

Title: Validation and Evaluation of Clinical Prediction Systems for First and Repeated Trans-arterial Chemoembolization in Unresectable Hepatocellular Carcinoma: A Chinese Multicenter Retrospective Study

Reviewer's code: 03502576

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Associate Professor

Reviewer's country: China

Author's country: China

Reviewer chosen by: Jie Wang

Reviewer accepted review: 2019-11-26 02:05

Reviewer performed review: 2019-12-04 14:16

Review time: 8 Days and 12 Hours

| SCIENTIFIC QUALITY | LANGUAGE QUALITY | CONCLUSION | PEER-REVIEWER STATEMENTS |
|--------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Grade A: Excellent | <input type="checkbox"/> Grade A: Priority publishing | <input type="checkbox"/> Accept | Peer-Review: |
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| | | <input type="checkbox"/> Rejection | <input type="checkbox"/> General |
| | | | <input type="checkbox"/> No expertise |
| | | | Conflicts-of-Interest: |
| | | | <input type="checkbox"/> Yes |
| | | | <input checked="" type="checkbox"/> No |

SPECIFIC COMMENTS TO AUTHORS

The article talked about the validation of and Evaluation of Clinical Prediction Systems for First and Repeated Trans-arterial Chemoembolization in Unresectable Hepatocellular Carcinoma: A Chinese Multicenter Retrospective Study. This study found that the 6&12 (Six-and-twelve) criteria were closely correlated with radiological response, mHAP3 (modified Hepatoma Arterial-embolization Prognostic version 3) predicted overall survival (OS) best, and ABCR (standing for alpha-fetoprotein, BCLC, Child-Pugh and Response) was a reliable predictive system for the post repeated TACE survival (PTRS). And the sequential combination of them performed well in outcome prediction. The methods and conclusion is appropriate. It will help the doctor to make decision in different case and perform personal treatment. However, the conclusion need to be further assessed in a multicentre prospective study.

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