

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 59868

Title: Risk factors for intraocular metastasis of primary liver cancer in diabetic patients:
Alpha-fetoprotein and cancer antigen 125

Reviewer's code: 02541960

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Doctor, Professor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2020-10-08

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-10-26 02:13

Reviewer performed review: 2020-10-29 06:58

Review time: 3 Days and 4 Hours

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 Grade E: Do not publish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 type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" 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

SPECIFIC COMMENTS TO AUTHORS

This study aims to evaluate the potential risk factors of IOM by investigating a range of clinicopathological parameters and biomarkers in diabetic patients with primary liver carcinoma. The authors concluded AFP and CA125 as significant risk factors for IOM in diabetic patients with primary liver cancer. ROC curve analysis showed that the area under the curve values for AFP and CA125 were 0.727 and 0.796, with the cut-off values of 994.20 ng/mL and 120.23 U/mL, respectively. This article is well written and of clinical interest. However, several issues should be improved before the consideration for publication.

Major comments

- 1 The contents of introduction should be concise focusing on the background and aims.
- 2 In Table 1 Clinical features of diabetic patients, no data of diabetes, BMI, HbA1c, smoking, and complications are provided, although the authors mentioned that diabetes have greater risk of developing certain cancers, especially primary hepatic cancer [5].(Line 83). These information are informative for the readers.
- 3 In Table 3, the odds ratios are very low, almost close to 1. I wonder such results have no clinical relevance, even though statistical significance was observed. In addition, were the background factors such as age, sex, BMI, and HbA1c adjusted in the model? The authors should mention the results of Table 3 in the results section.
- 4 The clinical relevance of Figure 5 showing lipids in terms of cancer is unclear. Is the figure truly necessary? If necessary, please add some explanations.
- 5 The number of case for IOM is very low ($n = 13$), which may reflect low reliability of the results. Please mention this limitation.

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

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Title: Risk factors for intraocular metastasis of primary liver cancer in diabetic patients:
Alpha-fetoprotein and cancer antigen 125

Reviewer's code: 02623966

Position: Editorial Board

Academic degree: MD, MSc, PhD

Professional title: Attending Doctor, Research Scientist

Reviewer's Country/Territory: Greece

Author's Country/Territory: China

Manuscript submission date: 2020-10-08

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-10-29 16:47

Reviewer performed review: 2020-10-29 16:47

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
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Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

It is an interesting manuscript. Authors succeed to present their data in a clear way adding information to the existing literature. Therefore, I have no corrections to do and the manuscript can be published unaltered.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Diabetes

Manuscript NO: 59868

Title: Risk factors for intraocular metastasis of primary liver cancer in diabetic patients:
Alpha-fetoprotein and cancer antigen 125

Reviewer's code: 02623966

Position: Editorial Board

Academic degree: MD, MSc, PhD

Professional title: Attending Doctor, Research Scientist

Reviewer's Country/Territory: Greece

Author's Country/Territory: China

Manuscript submission date: 2020-10-08

Reviewer chosen by: Xi-Fang Chen (Part-Time Editor)

Reviewer accepted review: 2020-11-27 17:47

Reviewer performed review: 2020-11-27 17:48

Review time: 1 Hour

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 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

SPECIFIC COMMENTS TO AUTHORS



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