

## PEER-REVIEW REPORT

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

**Manuscript NO:** 56510

**Title:** Hepatocellular carcinoma with tumor thrombus in bile duct: a proposal of new classification according to resectability of primary lesion

**Reviewer's code:** 00068723

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Doctor, Occupational Physician

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

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

**Manuscript submission date:** 2020-05-05

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-05-06 01:31

**Reviewer performed review:** 2020-05-06 02:31

**Review time:** 1 Hour

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" 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 Grade E: Do not publish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 type="checkbox"/> Grade B: Minor language polishing <input checked="" 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 type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<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

## **SPECIFIC COMMENTS TO AUTHORS**

The authors investigated hepatocellular carcinoma (HCC) patients with tumor thrombus in bile duct (BDTT). They proposed a new classification of BDTT. The case series were useful for daily clinical practice. As for clinical study, the design was immature. The rationality of BDTT was not clear. How did the authors reach BDTT? What was the problems with BDTT? How were the literatures about BDTT? How was the percentage of patients with HCC suffering from BDTT? It was not clear how the HCC patients with BDTT were recruited. Inclusion and exclusion criteria were not clear. How were the ethical issues addressed? The BDTT classification was the most significance of this manuscript. How would the authors think about drawn figures of the classification? Figures show ERCP images. Procedures of ERCP were not described in Materials and Methods. Figure 2 showed PTC image. Procedure of PTC (percutaneous transhepatic cholangiography?) should be described in Materials and Methods. Table 1. BDTT meant bile duct obstruction, causing obstructive jaundice. How were liver functions, such as ALP, AST, ALT and G-GTP? This point may be useful for the correct diagnosis of BDTT. When obstructive jaundice was detected, diagnostic imaging, such as MRCP, would be sequentially performed leading to correct diagnosis of BDTT. Figure 1G. Bile duct wall was not seen. It would be recommended to change this photo to show BDTT more clearly. Figure 2. What was the indication of PTC for this patient? Table 1 said the BDTT located in common bile duct (CBD). Were there any other photos to show BDTT in CBD more clearly? Was it possible to understand this patient that the HCC recurred only in CBD? Figure 7. Alphabets, A to I were not referred in the legend. How would the authors show the new classification? What were the CT images intended to show? These photos were not appropriate to show the new classification. Discussion was relatively long. It should be focused on the significance of this study.

## PEER-REVIEW REPORT

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

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**Title:** Hepatocellular carcinoma with tumor thrombus in bile duct: a proposal of new classification according to resectability of primary lesion

**Reviewer's code:** 03674832

**Position:** Peer Reviewer

**Academic degree:** FACC, FACS, FRCP, MD, PhD

**Professional title:** Doctor, Emeritus Professor, Professor

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

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

**Manuscript submission date:** 2020-05-05

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

**Reviewer accepted review:** 2020-05-22 05:17

**Reviewer performed review:** 2020-05-22 08:02

**Review time:** 2 Hours

<b>Scientific quality</b>	[ <input checked="" type="radio"/> ] Grade A: Excellent [ <input type="radio"/> ] Grade B: Very good [ <input type="radio"/> ] Grade C: Good [ <input type="radio"/> ] Grade D: Fair [ <input type="radio"/> ] Grade E: Do not publish
<b>Language quality</b>	[ <input checked="" type="radio"/> ] Grade A: Priority publishing [ <input type="radio"/> ] Grade B: Minor language polishing [ <input type="radio"/> ] Grade C: A great deal of language polishing [ <input type="radio"/> ] Grade D: Rejection
<b>Conclusion</b>	[ <input checked="" type="radio"/> ] Accept (High priority) [ <input type="radio"/> ] Accept (General priority) [ <input type="radio"/> ] Minor revision [ <input type="radio"/> ] Major revision [ <input type="radio"/> ] Rejection
<b>Re-review</b>	[ <input checked="" type="radio"/> ] Yes [ <input type="radio"/> ] 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

## **SPECIFIC COMMENTS TO AUTHORS**

Evaluation of the original research paper ERP-2020-ST-0060 entitled “Burden of Disease and Costs Associated with Type 2 Diabetes in Emerging and Established Markets: Systematic Review Analyses”. This paper has relevance to the purpose and the audience of ERP. The aim of this paper was to estimate, with three systematic literature reviews conducted in MEDLINE and Embase, all relevant publications reporting the epidemiology of T2D and complications in T2D and the economic burden of T2D and associated complications. The authors suggest that the burden of T2D, related complications and inherent costs are higher in emerging versus established market countries with reference to potential strategies to reduce costs and enhance outcomes of T2D treatment in developing countries. Major Comments for the authors 1. This study is focused on interesting issues: the epidemiology of T2D and complications in T2D and the economic burden of T2D and associated complications 2. The text, the tables and the figure are of adequate length and informative. 3. References are up to date. 4. The results of the paper are very interesting and suggest that mortality due to T2D in EMG countries varied between 13.2/1,000 PY (Turkey) and 41/1,000 PY (Taiwan). In Russia, mortality was reported at 76.6/100,000 people. Across EST countries, mortality rates varied between 8.9/100,000 (UK) and 23.7/100,000 (Canada). Significant regional variability in mortality has been reported, notably in Spain where the range was between 6.1/100,000 and 82.7/100,000 people in the lowest and highest mortality regions. Age-specific epidemiological data showed an increase in T2D mortality rates with increasing age in Canada (219.6/100,000 for 65–74 years and 1229.9/100,000 for ≥85 years), Germany (in 2010, 16.6% deaths due to diabetes were for 60–69 years and 34.2% for 70–79 years) and Taiwan (184.5/1,000 PY for ages 80–89 and 398.7/1,000 PY for age ≥90 years). In contrast, time trend analyses from Australia, England and Italy indicate an

approximately 5% to 10% overall decrease in mortality rates over the past decade. 5. These data are very interesting and useful. 6. The results of this paper and its suggestions have practical implications for the treatment of patients with diabetes.

## PEER-REVIEW REPORT

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

**Manuscript NO:** 56510

**Title:** Hepatocellular carcinoma with tumor thrombus in bile duct: a proposal of new classification according to resectability of primary lesion

**Reviewer's code:** 02861260

**Position:** Editorial Board

**Academic degree:** PhD

**Professional title:** Associate Professor

**Reviewer's Country/Territory:** South Korea

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

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**Reviewer performed review:** 2020-05-26 06:01

**Review time:** 20 Days

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<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>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<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**

I reviewed this manuscript. As author suggest, it is difficult to detect and avoid misdiagnosis of the tumor thrombosis especially in cases of BDTT in clinical practice. Therefore, this manuscript is well-organized and authors clearly suggested the classification of HCC with BDTT.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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

**Manuscript NO:** 56510

**Title:** Hepatocellular carcinoma with tumor thrombus in bile duct: a proposal of new classification according to resectability of primary lesion

**Reviewer's code:** 00068723

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Doctor, Occupational Physician

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

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

**Manuscript submission date:** 2020-05-05

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

**Reviewer accepted review:** 2020-07-23 06:22

**Reviewer performed review:** 2020-07-24 06:40

**Review time:** 1 Day

<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

## SPECIFIC COMMENTS TO AUTHORS

The revised version has been significantly improved. The rationality of this study has been clear. The images of each case are informative. The rationality of this study has been explained in Introduction. The prognosis is poorer, and its diagnosis is sometimes difficult. Ethical statement has been improved.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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

**Manuscript NO:** 56510

**Title:** Hepatocellular carcinoma with tumor thrombus in bile duct: a proposal of new classification according to resectability of primary lesion

**Reviewer's code:** 03674832

**Position:** Peer Reviewer

**Academic degree:** FACC, FACS, FRCP, MD, PhD

**Professional title:** Doctor, Emeritus Professor, Professor

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

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

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**Reviewer performed review:** 2020-07-26 09:00

**Review time:** 3 Days

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<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

## SPECIFIC COMMENTS TO AUTHORS



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Evaluation of the retrospective paper 56510 entitled “Hepatocellular carcinoma with tumor thrombus in bile duct: a proposal of new classification according to resectability of primary lesion”. 1. The paper refers to an interesting issue: proposal of new classification according to resectability of primary lesion. 2. The paper is well written. The text, the figures and the tables are of appropriate length and informative. 3. The references are up to date. 4. There are practical implications of the paper: In patients with hepatocellular carcinoma. 5. If there were issues in the previous submission these were addressed adequately in the revision.