

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Surgery*

Manuscript NO: 81615

Title: Effectiveness of a new approach to minimally invasive surgery in the palliative treatment of patients with distal malignant biliary obstruction

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 00182188

Position: Peer Reviewer

Academic degree: PhD

Professional title: Professor, Associate Professor, Postdoc

Reviewer's Country/Territory: Brazil

Author's Country/Territory: Ukraine

Manuscript submission date: 2022-11-17

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-12-27 14:58

Reviewer performed review: 2023-01-05 06:09

Review time: 8 Days and 15 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 Grade E: Do not publish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 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
Conclusion	<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
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

The manuscript is relevant because it presents a new approach for the palliative treatment of biliary obstruction in patients with unresectable neoplasm of the bilioduodenopancreatic confluence. Furthermore, the internal and external biliojejunal drainage method demonstrates a reduction in the frequency of cholangitis and an increase in patient survival. In the introduction and discussion, the main motivation for the new approach should focus on reducing recurrent cholangitis and its consequences after frequently used procedures. There is an overemphasis on attributing cholangitis to duodenobiliary reflux. It should be noted that in the literature it is well established that there is enterobiliary reflux after biliodigestive bypass (duodenobiliary and jejunobiliary) in humans and experimental animals. On the other hand, the cleansing ability of the bile duct prevents stasis and may attenuate the occurrence of cholangitis. Cholangitis is multifactorial and may be associated with reflux, stasis, dysmotility and obstruction of the prosthesis by biofilms and residues, among other factors. Thus, I recommend these conceptual adjustments in the abstract, introduction and discussion with pertinent references.

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Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 04427657

Position: Editorial Board

Academic degree: MD

Professional title: Chief Physician, Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Ukraine

Manuscript submission date: 2022-11-17

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2023-01-15 11:51

Reviewer performed review: 2023-01-15 12:25

Review time: 1 Hour

Scientific quality	<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
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 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="radio"/>] Anonymous [<input type="radio"/>] Onymous
	Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No

SPECIFIC COMMENTS TO AUTHORS

The study aimed to develop a technique of internal-external biliary-jejunal drainage (IEBJD), and compare its results with those in other minimally invasive interventions in the palliative treatment of patients with distal malignant biliary obstruction (DMBO). And the authors conclude that IEBJD has advantages over other methods of mini invasive bile duct (BD) decompression and can be recommended for palliative treatment of patients with DMBO. It was interesting. However, I have some comments. 1. Please gave a concise explanation for the randomization in this study. 2. A flow chart should be given as a figure. 3. Please gave a practical image for the technique if possible. 4. Some irrelevant contents should be deleted in the Discussion section. 5. Indications of IEBJD should be clearly addressed. 6. The perspectives of relevant studies should be mentioned.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Reviewer's code: 04427657

Position: Editorial Board

Academic degree: MD

Professional title: Chief Physician, Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Ukraine

Manuscript submission date: 2022-11-17

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-02-10 08:46

Reviewer performed review: 2023-02-10 08:54

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 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
Peer-reviewer	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

The paper has been improved after revisions. I have no additional comments.