

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 57998

Title: Biliary stent combined with 125I seed strand implantation in malignant obstructive jaundice

Reviewer's code: 01328912

Position: Peer Reviewer

Academic degree: FRCS, MD, PhD

Professional title: Associate Professor, Research Scientist

Reviewer's Country/Territory: Germany

Author's Country/Territory: China

Manuscript submission date: 2020-11-03

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-11-03 01:17

Reviewer performed review: 2020-11-10 10:30

Review time: 7 Days and 9 Hours

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 Grade E: Do not publish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 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 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

The manuscript is focused on provide valuable information for the safety and efficacy of biliary stent combined with 125I seed strand implantation in malignant obstructive jaundice. The designed of the study is very good, randomized 67 patients with malignant obstructive jaundice into a biliary stent combined with 125I seed strand treatment (combined) group and biliary stent (control) group. Postoperative liver function improvement, postoperative complications, stent patency time, and survival time were compared between the two groups. The author described the procedure in great detail, which is very good. However, I still have a little problem: There were 67 subjects in the article, which I think is a little low for a clinical study, and the question I would like to ask is how did the author calculate the sample size? In addition, in general clinical studies, we will choose a multi-center, so that the results will be more convincing. I found that this manuscript was a single-center study, but the author also said that this was the limitation of this study, which needed to be confirmed by more studies. The study provided valuable information for the biliary stent combined with 125I seed strand implantation, and it could improve stent patency and median survival. I recommend accepting this manuscript for publication after a minor editing.

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 57998

Title: Biliary stent combined with 125I seed strand implantation in malignant obstructive jaundice

Reviewer's code: 02936383

Position: Peer Reviewer

Academic degree: FIAC, FRCS (Hon), MD, PhD

Professional title: Full Professor, Professor, Research Scientist

Reviewer's Country/Territory: Germany

Author's Country/Territory: China

Manuscript submission date: 2020-11-03

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-11-10 10:25

Reviewer performed review: 2020-11-11 04:48

Review time: 18 Hours

Scientific quality	<input checked="" type="checkbox"/> Grade A: Excellent <input 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 type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" 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



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SPECIFIC COMMENTS TO AUTHORS

Dear editor, Thank you very much for asking me to review this manuscript by Wang et al. This is a Clinical Trials Study to evaluate the safety and efficacy of biliary stent combined with 125I seed strand implantation in malignant obstructive jaundice. As is known to all, biliary stent placement can relieve biliary obstruction, improve liver function and quality of life, and prolong survival. However, restenosis after biliary stents may significantly worsen prognosis and remains a clinical challenge. The authors evaluated extending 125I seed strand across the entire length of the stent to prolong stent patency time and improve patient survival. The study is of great significance. Comments 1- The title reflects the main subject of the article. 2- Abstract and keywords well summarize the arguments. 3- The manuscript adequately described the background, presented status and significance of the study. 4- The manuscript described methods (e.g., experiments, data analysis, surveys, and clinical trials, etc.) in adequate detail. 5- The research objectives are achieved by the experiments used in this study. Authors investigate the efficacy and safety of safety and efficacy of biliary stent combined with 125I seed strand implantation in malignant obstructive jaundice. 6- The manuscript interpreted the findings adequately and appropriately, highlighting the key points concisely, clearly and logically. 7- Manuscript included sufficient, good quality Tables. 8- The manuscript cited appropriately the latest, important and authoritative references in the introduction and discussion sections. 9- The manuscript is well, concisely and coherently organized and presented and the style, language and grammar are accurate and appropriated. I recommend that the manuscript can be published.

CONGRATULATIONS

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 57998

Title: Biliary stent combined with 125I seed strand implantation in malignant obstructive jaundice

Reviewer's code: 02993046

Position: Peer Reviewer

Academic degree: BHMS, FEBG, MD

Professional title: Associate Professor, Senior Scientist

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2020-11-03

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-11-10 10:26

Reviewer performed review: 2020-11-11 04:50

Review time: 18 Hours

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 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
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SPECIFIC COMMENTS TO AUTHORS

I read with interest the article by Hui-Wen Wang and colleagues. I think that the manuscript has important value, as restenosis after biliary stents may significantly worsen prognosis and remains a clinical challenge. Biliary stent combined with 125I seed implantation can prolong stent patency and improve survival. The study evaluated the safety and efficacy of biliary stent combined with 125I seed strand implantation in malignant obstructive jaundice. The manuscript is well written. The experiment of the study is designed very well, aims are very clear. Methods are reasonable. Data in figures and tables are very good, and well discussed. I have several concerns: 1. Why did only twelve patients underwent pathological examination before surgery instead of all patients? 2. The results of Table 2 and 3 can be described in more detail in the RESULTS section of the manuscript. I suggest that the key data can be written in the main text. Thank you for giving opportunity to review this study.