

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 65942

Title: Effectiveness and safety of over-the-scope clip in closing perforations after duodenal surgery

Reviewer's code: 03317016

Position: Editorial Board

Academic degree: FASGE, MD, PhD

Professional title: Professor

Reviewer's Country/Territory: Romania

Author's Country/Territory: China

Manuscript submission date: 2021-05-10

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-05-23 16:10

Reviewer performed review: 2021-05-23 16:45

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 Grade E: Do not publish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 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 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

This is a very interesting article about the possibility of closing of duodenal perforations by using OTSC. Data presented are important and encouraging . There are some minor revisions: 1. Please present in detail in the Method section the technique of placing the OTSC, especially the steps of side anchoring . Also , offer details on the use of endoloops. 2. Discussion section is too large. the paragraph concerning the use of CO2 insufflation is too large. 3. Please explain why the use of claw system of OTSC did not represent any problems for delayed perforations in your series. 4. A discussion about long-term outcome and when the OTSC should be removed it be very useful

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 65942

Title: Effectiveness and safety of over-the-scope clip in closing perforations after duodenal surgery

Reviewer's code: 05301514

Position: Peer Reviewer

Academic degree: MD

Professional title: Chief Doctor, Surgeon

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2021-05-10

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-05-20 02:39

Reviewer performed review: 2021-05-26 16:44

Review time: 6 Days and 14 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 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 type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This study focuses on the usefulness of OTSC in closing duodenal perforations after ESD for duodenal SEL. This paper details endoscopic treatment strategies for duodenal SEL, and coping with perforation using OTSC. This is an instructive and valuable paper for gastroenterologists. The manuscript is well written. I have several comments below:

Title: Effectiveness and safety of over-the-scope clip in closing perforations after duodenal surgery **Comment:** The term “duodenal surgery” includes various surgeries such as open surgery, laparoscopic surgery and endoscopic surgery. The authors should clarify in the title which type of surgery is the main topic in this study. Please revise the title. e.g. Effectiveness and safety of over-the-scope clip in closing perforations after

endoscopic resection of duodenal subepithelial lesions **2. Short title:** Effectiveness of OTSC in closing duodenum **Comment:** “Closing duodenum” should be revised to “closing duodenal perforation” or “duodenal perforation closure”.

3. Abstract - RESULTS “The rate of complete removal of duodenal SELs and successful closure was 100%.” **Comment:** “Successful closure” should be revised to “successful perforation closure”.

4. INTRODUCTION **Comment:** The authors described the disadvantage of surgery in the second paragraph. In the third paragraph, the authors should describe the advantage of OTSC to clarify why the authors focused on OTSC in this study. e.g. OTSC was developed as an endoscopic full-thickness gastrointestinal closure device and has become one of the treatment options for gastrointestinal perforation because it is less invasive compared to conventional surgical closure.

5. MATERIALS AND METHODS – Endoscopic procedures **Comment:** Did the authors use Twin Grasper in the OTSC in this study? If the authors used Twin Grasper or any other accessory devices, please list them in the first paragraph. Also, please specify the size and type of OTSC used (e.g. 10 mm t-type). This is important information for readers

who are planning to close the perforation using OTSC from now. 6. DISCUSSION
Comment: Please briefly describe the results of this study in the first paragraph. 7.
DISCUSSION (the second paragraph) “Endoscopy and endoscopic ultrasonography
are of great value in the diagnosis of duodenal SELs which is sometimes difficult.”
Comment: The meaning of this sentence is unclear. What is "difficult"? Is it difficult to
perform? or to learn? or to diagnose? Please clarify. Furthermore, “endoscopic
ultrasonography” should be revised to “EUS” because the abbreviation “EUS” was
already defined in the MATERIALS AND METHODS section.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 65942

Title: Effectiveness and safety of over-the-scope clip in closing perforations after duodenal surgery

Reviewer's code: 05301514

Position: Peer Reviewer

Academic degree: MD

Professional title: Chief Doctor, Surgeon

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2021-05-10

Reviewer chosen by: Chen-Chen Gao

Reviewer accepted review: 2021-07-29 14:00

Reviewer performed review: 2021-07-29 15:30

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 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
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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

Almost all reviewer comments are properly addressed. However, no changes in the title and short title have been made to the revised manuscript although those titles have been revised in the Answering reviewer file. In the abstract, the first sentence of the RESULTS requires a space between "perforation" and "closure". And on the 4th line, the underline of "underwent" should be removed, and a space is required between "underwent" and "surgery".