

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Endoscopy

Manuscript NO: 79519

Title: Effectiveness and safety of endoscopic resection for duodenal gastrointestinal stromal tumors: a single center analysis

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06267313

Position: Peer Reviewer

Academic degree: BSc

Professional title: Research Assistant

Reviewer's Country/Territory: Sri Lanka

Author's Country/Territory: China

Manuscript submission date: 2022-08-28

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-08-29 06:49

Reviewer performed review: 2022-08-29 06:51

Review time: 1 Hour

Scientific quality	[] Grade A: Excellent [Y] Grade B: Very good [] Grade C: Good [] Grade D: Fair [] Grade E: Do not publish
Language quality	 [] Grade A: Priority publishing [Y] Grade B: Minor language polishing [] Grade C: A great deal of language polishing [] Grade D: Rejection
Conclusion	 [] Accept (High priority) [Y] Accept (General priority) [] Minor revision [] Major revision [] Rejection
Re-review	[Y]Yes []No



Peer-reviewer	Peer-Review: [Y] Anonymous [] Onymous
statements	Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

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Title: Effectiveness and safety of endoscopic resection for duodenal gastrointestinal stromal tumors: a single center analysis

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 00001114

Position: Editor-in-Chief

Academic degree: MD, PhD

Professional title: Chief Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2022-08-28

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-08-28 23:59

Reviewer performed review: 2022-09-03 06:22

Review time: 5 Days and 6 Hours

Scientific quality	[] Grade A: Excellent [] Grade B: Very good [] Grade C: Good [Y] Grade D: Fair [] Grade E: Do not publish
Language quality	 [] Grade A: Priority publishing [Y] Grade B: Minor language polishing [] Grade C: A great deal of language polishing [] Grade D: Rejection
Conclusion	 [] Accept (High priority) [] Accept (General priority) [] Minor revision [] Major revision [Y] Rejection
Re-review	[Y]Yes []No



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Peer-reviewer	Peer-Review: [Y] Anonymous [] Onymous
statements	Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

My comments to Authors: This study assessed the short- and long-term safety outcomes of endoscopic resection of duodenal GISTs. The authors suggest that endoscopic resection of duodenal GISTs appears to be an effective and safe minimally invasive treatment when performed by an experienced endoscopist. However, it could be difficult to evaluate the efficacy and safety of the procedure because of the limited number of patients in a case series. Abstract 1. In conclusion, "by an experienced endoscopist" was abrupt because there was no explanation in the Methods section. Introduction 1. Page 5, [10-11]]. \rightarrow Please delete "]". Material and Methods 1. I wondered if this study included cases that were finally diagnosed as other tumors, such as leiomyoma, in addition to GIST treated with ER. The authors should present a preoperative diagnosis and basis for GIST. 2. This study did not explain the indication criteria regarding tumor size or location. I wonder if those factors were related to selection bias. The authors should clarify the indication for ER for duodenal GIST. 3. Page 7. Oral intake was gradually resumed according to wound recovery. This explanation remains unclear. Did the authors check for wound healing using endoscopy? Therefore, they should describe more specific criteria for restarting oral intake. 4. What criteria did the authors apply to risk assessment of GIST? Please show a reference. 5. Page 8, >2 mg/dl \rightarrow >2 g/dl 6. In the abstract, the authors concluded that endoscopic resection for duodenal GISTs appears to be an effective and safe minimally invasive treatment when performed by an experienced endoscopist. However, there is no definition of the experienced endoscopist. Discussion 1. The authors should focus more on the technical difficulties of ER for duodenal GIST, depending on the location of the



duodenum, tumor size, or retrieval of a resected tumor, rather than the long-term outcome because of the very small sample size. 2. The rate of development of postoperative abdominal infection was slightly higher. The authors should discuss the prediction of abscess development related to endoscopic findings during a procedure, CT findings, or clinical course. 3. Other treatment modalities, such as laparoscopic resection with pancreas preservation, should be discussed more in relation to indications for ER; indications may vary depending on the size and location of the GIST in the duodenum.



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Peer-review model: Single blind

Reviewer's code: 00724887

Position: Editorial Board

Academic degree: MD

Professional title: Attending Doctor

Reviewer's Country/Territory: India

Author's Country/Territory: China

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Review time: 8 Days and 22 Hours

Scientific quality	[] Grade A: Excellent [] Grade B: Very good [Y] Grade C: Good [] Grade D: Fair [] Grade E: Do not publish
Language quality	 [] Grade A: Priority publishing [Y] Grade B: Minor language polishing [] Grade C: A great deal of language polishing [] Grade D: Rejection
Conclusion	 [] Accept (High priority) [] Accept (General priority) [] Minor revision [Y] Major revision [] Rejection
Re-review	[Y]Yes []No



Peer-reviewer	Peer-Review: [Y] Anonymous [] Onymous
statements	Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

This study is well written I have suggestion Kindly provide pathological details of the cases Few histological images to be added Also, immunohistochemistry work-up What about molecular studies