

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Surgery

Manuscript NO: 68004

Title: Current surgical management of duodenal gastrointestinal stromal tumors (D-GISTs)

Reviewer's code: 05427807

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: Singapore

Manuscript submission date: 2021-05-09

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-05-09 04:00

Reviewer performed review: 2021-05-10 12:45

Review time: 1 Day and 8 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 Grade E: Do not publish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 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 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

SPECIFIC COMMENTS TO AUTHORS

WJGO_68004 Lim KT et al reviewed current treatment and diagnosis of duodenal gastrointestinal stromal tumors. Treatment for D-GIST includes various procedures such as endoscopy, open surgery, and minimally invasive surgery. However, the indication of each treatment procedure is controversial. This manuscript will be valuable for all gastroenterologists and surgeons. 1. This is a review article, and the whole paper should follow the typical style for a review article. 2. The authors showed several procedures for D-GIST in this report. However, the indication of each procedure was not shown. It will be better to should show the data of outcomes of each treatment procedure and the diagnosis procedure based on the literatures. 3. According to ESMO and EURACAN clinical practice guidelines for diagnosis, duodenal nodules < 2 cm should have EUS assessment and follow-up without surgery. Furthermore, the authors described that EUS, CT or MRI scans are important for interval surveillance of D-GIST < 2 cm in size. However, it is difficult to detect small tumors by CT and MRI. Which is the best modality for surveillance of small D-GIST? How often should perform imaging study for surveillance? 4. How often and with what kind of imaging modalities should we follow the patients who underwent surgical resection? 5. We believe that preoperative histological confirmation will be important to decide the treatment plan. EUS-FNA is often required for preoperative histological diagnosis for duodenal GIST, and it will be safe to perform EUS-FNA within the duodenum. It will not be contraindication. 6. In the discussion part, the authors described the advantages of laparoscopic LR (1st paragraph of the discussion part), advantages of L-PSD against L-PD (4th paragraph of the discussion part), risk factors of recurrence (12th paragraph of the discussion part). However, data to support these are not found in this manuscript. The authors should show the data. 7. The authors present several endoscopic treatment



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procedures including STER, POET, EFTR, LAER, LECS, LAEFR, and EAWR. Original papers of these treatment procedures should be cited in the references.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Surgery

Manuscript NO: 68004

Title: Current surgical management of duodenal gastrointestinal stromal tumors (D-GISTs)

Reviewer's code: 05465713

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Attending Doctor, Doctor, Surgeon, Surgical Oncologist

Reviewer's Country/Territory: China

Author's Country/Territory: Singapore

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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
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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

SPECIFIC COMMENTS TO AUTHORS

This review provides a comprehensive summary of the latest advances in treating duodenal gastrointestinal stromal tumors. The evidences are profound and the conclusion is sound. I approve the publication of this review.