

Reviewer 1

This is an interesting retrospective study, investigating the influencing factors of duodenal gastrointestinal stromal tumors surgical treatment and further to know how to choose different surgical procedure. Authors found that if the primary tumor is in descending part of duodenum and its size ≥ 5.3 cm as well as tumor risk grade is median or high, doctors are willing to perform Whipple surgery. By analyzing the results of postoperative clinical treatment of 86 cases of duodenal stromal tumors, this study believes that the use of extended radical surgery (Whipple) treatment for patients with duodenal GIST will not only not improve the prognosis of GIST patients, but will also increase surgical trauma and postoperative complications, and reduce the quality of life of patients after surgery. It will be helpful for doctors in their practice.

Q 1. Some minor language polishing should be revised.

A: Thanks, we have polished the language again in the manuscript.

Q 2. Important inclusion and exclusion criteria need to be listed in detail.

A: Thank you. We have added the inclusion and exclusion in the Methods section.

Q 3. The description of the method is too simple. Please describe the process of the procedures in detail, such as how to make the diagnosis of duodenal gastrointestinal stromal tumor, pathological manifestations, specific surgical methods, etc.

A: Thanks. We have added the description that how to make the diagnosis of duodenal gastrointestinal stromal tumor, pathological manifestations, specific surgical methods.

Congrats for the excellent study based on the clinicopathological data of duodenal gastrointestinal stromal tumor patients! The authors retrospectively reviewed data of 86 patients who received surgery from January 1999 to January 2021. Very interesting study. And 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. This is a concise and thorough study, which would add value to how to choose the most suitable surgery type of DGIST. I have no further comments.

A: Thanks very much.

The manuscript written by Yun-Zi Wu et al. investigate the influencing factors of duodenal gastrointestinal stromal tumors surgical treatment and further to know how to choose different surgical procedure. 86 patients with duodenal gastrointestinal stromal tumor in their hospital were divided two group due to their different surgery types (local resection or Whipple). Statistics were made on the treatment of the two groups, the tumor size, tumor location, risk grade, postoperative hospital time, abdominal drainage time. By using univariate logistics analysis, if tumor size ≥ 5.3 cm, tumor located in descending part of duodenum or median and high risk grade, doctors are willing to choose Whipple surgery. The experiment of the study is designed very well, aims are very clear. Methods are reasonable. Data in tables are very good, and well discussed. Finally, the manuscript also reviewed previous related literature. I suggest adding a description of the limitations of this research. Thank you for giving opportunity to review your study.

A: Thanks. We have added the limitation in the Discussion section.