PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 87582

Title: Effect of Transversus Abdominis Plane Block with Remimazolam on Postoperative Recovery and Stress Response in Patients Undergoing Gastrointestinal Tumor Surgery

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 07746408

Position: Peer Reviewer

Academic degree: MD

Professional title: Associate Professor

Reviewer’s Country/Territory: Brazil

Author’s Country/Territory: China

Manuscript submission date: 2023-09-21

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-09-25 07:14

Reviewer performed review: 2023-10-07 07:33

Review time: 12 Days

<table>
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<tr>
<th>Scientific quality</th>
<th>Grade A: Excellent</th>
<th>Grade B: Very good</th>
<th>Grade C: Good</th>
<th>Grade D: Fair</th>
<th>Grade E: Do not publish</th>
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<tr>
<td>Novelty of this manuscript</td>
<td>Grade A: Excellent</td>
<td>Grade B: Good</td>
<td>Grade C: Fair</td>
<td>Grade D: No novelty</td>
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<tr>
<td>Creativity or innovation of this manuscript</td>
<td>Grade A: Excellent</td>
<td>Grade B: Good</td>
<td>Grade C: Fair</td>
<td>Grade D: No creativity or innovation</td>
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SPECIFIC COMMENTS TO AUTHORS
At present, there are few reports on combining TAPB and remimazolam in laparoscopic surgery for gastrointestinal tumors. The objective of this study was to examine the effects of the combination of TAPB and remimazolam on the stress responses and postoperative recovery in individuals undergoing gastrointestinal tumor surgery. Based on the clinical data of 102 patients with gastrointestinal malignancies, they found that TAPB combined with remimazolam for general anesthesia could enhance anesthetic and hemodynamic stability, reduced occurrence of cardiovascular events, and expedited postoperative recovery in individuals undergoing gastrointestinal tumor surgery. These findings could be used to establish a theoretical foundation for the prevention or reduction of stress responses in patients, as well as to provide evidence-based choices for clinical anesthesia. The topic is actual and well described. Reviewers have only one question to discuss: in the view of reviewers, it is not appropriate to include descriptions of dropout criteria in retrospective studies. Retrospective studies involve analyzing existing data to retrospectively examine the relationship between exposure and outcome. As researchers do not have control over the data collection process, they cannot directly
set dropout criteria. However, it is still important to consider the issue of missing participants in retrospective studies. If participants drop out or fail to provide complete data during the data collection process, researchers should describe this missing information in the article and analyze and discuss the reasons for the missing data. This allows readers to understand the reliability and generalizability of the study findings and assess potential biases.
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Reviewer’s code: 07746500

Position: Peer Reviewer

Academic degree: PhD

Professional title: Assistant Professor, Doctor

Reviewer’s Country/Territory: France

Author’s Country/Territory: China

Manuscript submission date: 2023-09-21

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-09-26 09:14

Reviewer performed review: 2023-10-08 09:34

Review time: 12 Days

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Thank you for the opportunity to review this important manuscript. In this retrospective single center study, Jun Liu et al. examined the effects of combining TAPB with remimazolam on the stress response and postoperative recovery of gastrointestinal tumor surgery patients. The study was well described and establish a theoretical foundation for the prevention or reduction of stress responses in patients. Also, they provide evidence-based choices for clinical anesthesia. This is a well-designed study and the manuscript is well written. Minor concern: The manuscript needs to be improved. For example, the conclusion should be concise.