PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Surgery

Manuscript NO: 84204

Title: Utilization of Deep Neuromuscular Blockade Combined with Reduced Abdominal Pressure in Laparoscopic Radical Gastrectomy for Gastric Cancer: An Academic Perspective

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 06520704

Position: Peer Reviewer

Academic degree: MD

Professional title: Assistant Professor, Doctor

Reviewer’s Country/Territory: Canada

Author’s Country/Territory: China

Manuscript submission date: 2023-03-14

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-03-20 01:50

Reviewer performed review: 2023-03-28 08:54

Review time: 8 Days and 7 Hours

<table>
<thead>
<tr>
<th>Scientific quality</th>
<th>[ ] Grade A: Excellent</th>
<th>[ ] Grade B: Very good</th>
<th>[ Y] Grade C: Good</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>[ ] Grade D: Fair</td>
<td>[ ] Grade E: Do not publish</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Novelty of this manuscript</th>
<th>[ ] Grade A: Excellent</th>
<th>[ ] Grade B: Good</th>
<th>[ Y] Grade C: Fair</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>[ ] Grade D: No novelty</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SPECIFIC COMMENTS TO AUTHORS

In this retrospective study, Yiwei Zhang and his colleagues analyzed the effect of deep NMB combined with low pneumoperitoneum pressure in elderly patients undergoing LRG for GC and its influence on inflammation. According to my knowledge, deep NMB combined with low pneumoperitoneum pressure has achieved good results in gynecological laparoscopic surgery, but there is a lack of relevant research on whether it has the same clinical value in GC patients undergoing laparoscopic surgery. The study is well designed and presented with optimal analysis, discussion, tabulation and graphic display of data. In general, it provides reference for gastroenterologists to choose treatment options for elderly gastric cancer. Therefore, the article the results are interesting and could be useful for other studies.
PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Surgery*

Manuscript NO: 84204

Title: Utilization of Deep Neuromuscular Blockade Combined with Reduced Abdominal Pressure in Laparoscopic Radical Gastrectomy for Gastric Cancer: An Academic Perspective

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 06520070

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Doctor, Research Assistant

Reviewer’s Country/Territory: New Zealand

Author’s Country/Territory: China

Manuscript submission date: 2023-03-14

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-03-20 02:21

Reviewer performed review: 2023-03-30 03:13

Review time: 10 Days

<table>
<thead>
<tr>
<th>Scientific quality</th>
<th>Grade A: Excellent</th>
<th>Grade B: Very good</th>
<th>Grade C: Good</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Grade D: Fair</td>
<td>Grade E: Do not publish</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Novelty of this manuscript</th>
<th>Grade A: Excellent</th>
<th>Grade B: Good</th>
<th>Grade C: Fair</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Grade D: No novelty</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>


### SPECIFIC COMMENTS TO AUTHORS

This study retrospectively analyzed the clinical data of 103 elderly patients with gastric cancer, including the changes of L-SRS score, TNF-α and IL-6 before and after treatment, shoulder pain at 8h, 24h and 48h after operation, operation time, pneumoperitoneum time, infusion volume, intraoperative blood loss, time of postoperative extubation, etc, PACU-related respiratory adverse events were recorded, and the length of hospital stay and postoperative costs were compared between the two groups, so as to determine the application effect of deep NMB combined with low pneumoperitoneum pressure in laparoscopic radical gastrectomy for GC in elderly patients and its influence on inflammation. 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. The material studied allows to draw the conclusions. The description of material studied is accurate. Comments 1: It should be noted that the study has been approved by the
ethics committee and that each subject in the study has signed an informed consent form.

Comments 2: In my view, the limitations of this study should also include the small number of patients, the small number of adverse events that occurred, and the statistical comparison of adverse events that was not meaningful. Comments 3: Editing and proofreading are needed to maintain the best sense of reading. Thank you very much for giving me this opportunity to review.