

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Gastrointestinal Surgery*

**Manuscript NO:** 90098

**Title:** Alcohol associated liver disease and bariatric surgery: current perspectives and future directions

**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 01467363

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Full Professor

**Reviewer's Country/Territory:** Slovenia

**Author's Country/Territory:** United States

**Manuscript submission date:** 2023-11-23

**Reviewer chosen by:** Lin Zhang

**Reviewer accepted review:** 2024-01-15 10:58

**Reviewer performed review:** 2024-01-17 10:48

**Review time:** 1 Day and 23 Hours

|   |  |
|---|--|
| Scientific quality                          | <input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good<br><input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish |
| Novelty of this manuscript                  | <input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair<br><input type="checkbox"/> Grade D: No novelty   |
| Creativity or innovation of this manuscript | <input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair<br><input type="checkbox"/> Grade D: No creativity or innovation                                |

|   |  |
|---|--|
| <b>Scientific significance of the conclusion in this manuscript</b> | <input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair<br><input type="checkbox"/> Grade D: No scientific significance   |
| <b>Language quality</b>   | <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 |
| <b>Conclusion</b>   | <input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority)<br><input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection          |
| <b>Re-review</b>  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  |
| <b>Peer-reviewer statements</b>                                     | 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

Title: accurately reflects the topic and content of the paper. Abstract: is appropriate, not structured. Core tip: is appropriate. Key words: 7 substantive concepts. Introduction: is informative, the reader is acquainted with the known facts about problems arising from bariatric procedures, advanced alcoholic liver disease (up to 30 % in these patients) and the need for liver transplantation. Content of the article: the review is divided into meaningful chapters/subchapters (Epidemiology of alcohol use after bariatric surgery, Pathophysiology of alcohol use disorder after bariatric surgery, Alcohol-related outcomes after bariatric surgery, Bariatric surgery and Liver transplantation, Future directions: clinical care for AUD after bariatric surgery). The discussion is properly written, supported by appropriate references. Conclusions: conclusions are short, with a clear message of the paper. Unfortunately, the thought: "Further research is needed to develop clinical recommendations for AUD screening and ALD management" is written (too)often. References: 68, references are appropriate, contemporary. Conflict of interest: DD receives grant funding from Sequana Medical and NIAAA for research unrelated to this work. All other authors have no conflicts of interest to report. Opinion of the

reviewer The contribution is interesting, I suggest acceptance. The authors should definitely improve figure 1 (Figure 1: Mechanisms of alcohol related liver disease after bariatric surgery) showing the interconnections.