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PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Surgery*

Manuscript NO: 86797

Title: Bariatric surgery reduces colorectal cancer incidence in obese individuals:
systematic review and meta-analysis

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05937294

Position: Editorial Board

Academic degree: MD

Professional title: Research Fellow

Reviewer's Country/Territory: Iran

Author's Country/Territory: China

Manuscript submission date: 2023-07-09

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-08-02 01:48

Reviewer performed review: 2023-08-02 15:16

Review time: 13 Hours

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 Grade E: Do not publish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



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

The manuscript is well written and could be published after a minor language polishing



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Title: Bariatric surgery reduces colorectal cancer incidence in obese individuals: systematic review and meta-analysis

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03805385

Position: Peer Reviewer

Academic degree: FASCRS, MD, PhD

Professional title: Assistant Professor, Attending Doctor, Doctor, Medical Assistant, Postdoctoral Fellow, Research Associate, Senior Research Fellow, Surgeon

Reviewer's Country/Territory: Brazil

Author's Country/Territory: China

Manuscript submission date: 2023-07-09

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-08-02 12:02

Reviewer performed review: 2023-08-02 18:27

Review time: 6 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
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <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 <input type="checkbox"/> Grade D: No creativity or innovation
Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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

Thank you so much for the opportunity to review this paper: Bariatric surgery can reduce the incidence of colorectal cancer in obese patients: a systematic review and meta-analysis. I think is a well written Systematic review and Meta-analysis. I have a couple of comments: 1. The authors should excluded the 3 studies without follow-up. 2. In the last 2 years we have 4 systematic reviews and meta-analysis with the same topic: The Impact of Bariatric Surgery on the Incidence of Colorectal Cancer in Patients with Obesity-a Systematic Review and Meta-analysis of Registry Data. Davey MG, Ryan OK, Ryan ÉJ, Donlon NE, Reynolds IS, Fearon NM, Martin ST, Heneghan HM. Obes Surg. 2023 Aug;33(8):2293-2302. doi: 10.1007/s11695-023-06674-4. Epub 2023 Jun 21. PMID: 37341934 Free PMC article. The risk of malignancy, including colorectal cancer (CRC), increases with obesity. The aim of this study was to perform a systematic review and meta-analysis to determine the value of bariatric surgery in reducing ... 2 Cite Share

Systematic Review and Meta-Analysis of the Impact of Bariatric Surgery on Future Cancer Risk. Wilson RB, Lathigara D, Kaushal D. *Int J Mol Sci.* 2023 Mar 24;24(7):6192. doi: 10.3390/ijms24076192. PMID: 37047163 Free PMC article. Review. The study aimed to perform a systematic review and meta-analysis of the evidence for the prevention of future cancers following bariatric surgery. ...The meta-analysis suggested bariatric surgery was associated ... 3 Cite Share The Protective Effect of Bariatric Surgery on the Development of Colorectal Cancer: A Systematic Review and Meta-Analysis. Pararas N, Pikouli A, Dellaportas D, Nastos C, Charalampopoulos A, Muqresh MA, Bagias G, Pikoulis E, Papaconstantinou D. *Int J Environ Res Public Health.* 2023 Feb 23;20(5):3981. doi: 10.3390/ijerph20053981. PMID: 36900989 Free PMC article. Review. Bariatric surgery (BRS) is considered to reduce the cancer risk in morbidly obese patients. ...Eight studies originated from North America, while four reported on European patients. Patients in the Bariatric Surger ... 4 Cite Share Does Bariatric Surgery Reduce the Risk of Colorectal Cancer in Individuals with Morbid Obesity? A Systematic Review and Meta-Analysis. Chierici A, Amoretti P, Draï C, De Fatico S, Barriere J, Schiavo L, Iannelli A. *Nutrients.* 2023 Jan 16;15(2):467. doi: 10.3390/nu15020467. 3. The authors should included in the discussion a citation about Impact of bariatric surgery on early-onset colorectal cancer risk: a systematic review and meta-analysis. Bustamante-Lopez L, Sulbaran M, Changoor NR, Tilahun Y, Garcia-Henriquez N, Albert M, Soliman M, Monson JRT, Pepe J. *Updates Surg.* 2023 Aug;75(5):1051-1057. doi: 10.1007/s13304-023-01527-2. Epub 2023 May 13. PMID: 37178403