



PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 61863

Title: Laparoscopic liver resection for colorectal liver metastases: short- and long-term outcomes. A systematic review

Reviewer’s code: 02440467

Position: Editorial Board

Academic degree: MD

Professional title: Academic Research, Adjunct Professor, Doctor

Reviewer’s Country/Territory: Italy

Author’s Country/Territory: Belgium

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Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-15 04:49

Reviewer performed review: 2021-04-24 09:16

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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 Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

Dear Editor thank you for your kind invitation to review the paper entitled "Laparoscopic liver resection for colorectal liver metastases: short- and long-term outcomes. A systematic review". The paper is an interesting review of the evolution and current concepts of laparoscopic liver resection (LLR) in patients with colorectal liver metastases (CRLM). The article analyses the evolution of the laparoscopic approach evidencing several critical issues about its use in almost every different clinical setting from European to East and West countries. The amount of information from 77 different papers considered is surprising, and I believe that this is the best value of this review. The study has the advantage of being conducted and registered following PRISMA guidelines according to strict inclusion criteria for data extraction, primary and secondary outcomes. The risk of biases and classification of all studies in relation to different types of procedures considered (simultaneous vs tow stage hepatectomies) as well as different anatomical locations of LLR are clearly outlined. An enormous amount of data is made available in this review, and this is another work value. In conclusion, this systematic review revealed a significant increase in the use of Laparoscopy in patients with CRLM. A trend of increase in the use of Laparoscopy in liver surgery has been reported by many AA during the last years, which seems safe and effective when compared to open surgery despite the absence of robust evidence of benefit by the lack of multicentre randomized clinical trials. This review seems to confirm the absolute need for future prospective multicentre RCT comparative studies and probably this point should be highlighted in the discussion. Please specify the start date (month and year) of the search strategy for all articles. The paper is very well written despite some small typos. I try to highlight some of them. metastastic, metastatic For collection, for the collection Data extraction (lack of full stop data extraction. which were, that were a



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major hepatectomy, major hepatectomy with a satisfactory oncological evidence, with
satisfactory oncological evidence