

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 65854

Title: Neoadjuvant chemotherapy for colorectal liver metastases: A contemporary review of the literature

Reviewer's code: 03732555

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: United States

Manuscript submission date: 2021-03-16

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-03-18 13:38

Reviewer performed review: 2021-03-25 03:00

Review time: 6 Days and 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 Grade E: Do not publish
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 checked="" 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



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SPECIFIC COMMENTS TO AUTHORS

The article describes in detail the indications, strategies, efficacy and side effects of neoadjuvant chemotherapy for colorectal cancer with liver metastasis. But there is still room for improvement, the following are suggestions. The narrative of the article is slightly complicated, and there are content that is weakly related to the keyword neoadjuvant chemotherapy. For example, in the part of immunotherapy, the author described its mechanism in detail and pointed out that it is better than chemotherapy alone, but there is little content in describing its association with neoadjuvant chemotherapy, and there is no data to support the advantages of chemotherapy combined with immunotherapy or highlight it compared with the characteristics of immunotherapy neoadjuvant chemotherapy. Other parts also have such problems. The article is generally well written, it is recommended to be revised and published.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 65854

Title: Neoadjuvant chemotherapy for colorectal liver metastases: A contemporary review of the literature

Reviewer's code: 00058381

Position: Editorial Board

Academic degree: MD

Professional title: Professor

Reviewer's Country/Territory: Austria

Author's Country/Territory: United States

Manuscript submission date: 2021-03-16

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2021-03-28 10:30

Reviewer performed review: 2021-03-29 14:22

Review time: 1 Day and 3 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
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 type="checkbox"/> Accept (General priority) <input checked="" 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 checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

This manuscript provides an overview on current literature on neoadjuvant chemotherapy for colorectal liver metastases. Indications and technical issues are discussed, including the problem that complete radiological response does not necessarily equate complete pathological response. Some uncertainties remain, e.g., variabilities in assessing "unresectable disease" and the question of quality of life. Additional comments: Surgical considerations, first paragraph: "In one large meta-analysis, resection margins >10 mm were associated with significant improvement in OS at 3 years (RR=0.86), 5 years (RR=0.91), and 10 years (RR=0.94), as well as in DFS at 3 years (R=0.93) and 5 years (R=0.88) after surgery." - "R" - "RR"? Surgical considerations, last sentence: "individuals who were received chemotherapy only" -> individuals who received chemotherapy only. Figures 1A and 1B: Are the section planes shown in these two pictures comparable? Figure 2: Detailed information should be given on the imaging techniques used here. Reference list: Most of the references are incomplete/not consistent with the guidelines of the journal.