

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

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Title: The magnetic resonance imaging-radiomics evaluation of response to chemotherapy for synchronous liver metastasis of colorectal cancer

Reviewer's code: 03827272

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Canada

Author's Country/Territory: China

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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 Grade E: Do not publish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 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

SPECIFIC COMMENTS TO AUTHORS

Absrtact ,background: Consider changing the sentence for: Synchronous liver metastasis (SLM) is a indicator of poor prognostic for colorectal cancer (CRC). Nearly 50% of colorectal cancer (CRC) patients develop hepatic metastasis and 15-25% of these patients have synchronous liver metastases (SLM) Same sentence to be changed in the Core tip The final version of the manuscript needs to be re-reviewed by a linguist. There are still numerous grammatical errors. Methods: If I understand correctly, the gold standard used to determine whether a patient had disease response or not were the RECIST criterias. RECIST criteras are not perfect in Colorectal cancer, especially with mucinous tumours where the size of the lesions rarely vary significantly while there can still be a pathological evidence of treatment effect. Nothing is said in this article about histopathology but adding histopathological evidence of chemotherapy treatment effect in deciding if a patient belongs to the DR group or non-DR would be more thorough and complimentary to the results of the radiomics analysis. Table 1. Please re-calculate CA19-9 difference between non-DR and DR and adjust results and discussion. When I calculate it myself, there aren't any significant difference between the two groups