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## PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Oncology

Manuscript NO: 91460

**Title:** Comparative effectiveness of immunotherapy and chemotherapy in patients with metastatic colorectal cancer stratified by microsatellite instability status

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

Peer-review model: Single blind

Reviewer's code: 06187298

**Position:** Peer Reviewer

Academic degree: MD, PhD

Professional title: Associate Professor, Chief Physician, Doctor

Reviewer's Country/Territory: Romania

Author's Country/Territory: United States

Manuscript submission date: 2023-12-28

Reviewer chosen by: AI Technique

Reviewer accepted review: 2024-01-12 14:35

Reviewer performed review: 2024-01-13 17:35

Review time: 1 Day and 2 Hours

	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C:
Scientific quality	Good
	[ ] Grade D: Fair [ ] Grade E: Do not publish
Novelty of this manuscript	<ul> <li>[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair</li> <li>[ ] Grade D: No novelty</li> </ul>
Creativity or innovation of	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair
this manuscript	[ ] Grade D: No creativity or innovation



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Scientific significance of the conclusion in this manuscript	<ul> <li>[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair</li> <li>[ ] Grade D: No scientific significance</li> </ul>
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	<ul> <li>[ ] Accept (High priority)</li> <li>[ ] Accept (General priority)</li> <li>[ Y] Minor revision</li> <li>[ ] Major revision</li> <li>[ ] Rejection</li> </ul>
Re-review	[Y]Yes []No
Peer-reviewer statements	Peer-Review: [ ] Anonymous [Y] Onymous Conflicts-of-Interest: [ ] Yes [Y] No

## SPECIFIC COMMENTS TO AUTHORS

REVIEW OF MANUSCRIPT ID: 91460-43253 Congratulations for this interesting large cohort retrospective study on patients with metastatic colorectal cancer, especially that it focuses on microsatellite instability. From this study surgeons and oncologists can benefit alike. This is my report regarding the submitted paper: 1. Title. - The title does reflect properly the content of the manuscript and the type of research. - Please clarify the running subtitle, as it is too short (LINE 11). 2. Abstract. The structured abstract reflects very well all aspects of the manuscript, with clear subchapters. 3. Key Words. Well chosen. 4. Introduction. This section is well constructed and has sufficient number of citations. 5. Material and methods. - This section is well constructed and contains all important subsections. - Please explain what C18 and C20 DRG diagnosis codes mean (LINE 171) so that non-clinical medical staff cand better understand. - Please explain why you chose the 20 mm marker for bifurcation of the study group, so readers that are not surgeons of oncologists can better understand the research (LINE 173). - Please add some details on the software used, besides the commercial name (LINE 201), such as website, etc. 6. Results. This section is very well constructed in subsections. 7. Discussion.



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Well-constructed and contains sufficient references; the timespan of these references is also adequate. 8. Illustrations and tables. - Well designed, with clear labels and indications. - The provided tables are well drafted and provide a sufficient level of clarity. - Please explain why it is important for the current study the type of insurance status (TABLE 1, LINE 17 to 22). It adds no medical or scientific significance, so please remove them. 9. Biostatistics. All relevant information regarding the statistical analysis was provided, but a dedicated document drafted by a certified biostatistics engineer, to validate the data, was not submitted. Please submit one. 10. Units. All units are drafted in SI system. 11. References. The list of 23 references is small but adequate, and so is the timespan. 12. Quality of manuscript organization and presentation. It is fit for publication, after minor changes have been implemented. 13. Backmatter section. Please state each author's contribution, according to CRediT taxonomy (LINE 25). 14. Ethics statements. Please provide an ethics committee approval document for this study. 15. English language: The quality of English language is consistently good throughout the entire text. CONCLUSION The manuscript requires minor changes before being considered for publication. Date, 13.01.2024