



PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Oncology*

Manuscript NO: 92735

Title: Breast cancer and rectal cancer associated with Lynch syndrome: A case report and literature review

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 00503282

Position: Editorial Board

Academic degree: FCPS

Professional title: Professor

Reviewer's Country/Territory: Pakistan

Author's Country/Territory: China

Manuscript submission date: 2024-02-04

Reviewer chosen by: Li Li

Reviewer accepted review: 2024-07-01 11:55

Reviewer performed review: 2024-07-02 17:03

Review time: 1 Day and 5 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 Grade E: Do not publish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 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



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 checked="" type="checkbox"/> Yes <input 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

SPECIFIC COMMENTS TO AUTHORS

In this case report, the authors present a case of a 49-year-old woman who developed two cancers, first of breast at the age of 39 years and second of colorectal region at 49 years. Both were treated surgically. There is no other treatment or follow-up provided in this case report. The patient has been diagnosed as a case of Lynch syndrome (LS) based on the development of two malignant tumors. While potentially interesting, there are several major points in the case report. A major revision is needed. Specific points: Major points: 1. The case report itself seems incomplete. There is no family history. No information on treatment apart from surgery. 2. No follow-up data is given. 3. The pathological results are incomplete. Pathologic staging is not given. 4. No gene mutations were tested and IHC results did not show a deficiency of MMR genes, which is not in favor of a diagnosis of LS. Minor points: 5. What was the size of the breast cancer and what was its pathological stage? 6. What are local fibrous breast lesions? Use standard terminology. 7. Some terms are confusing, eg. Basal fascia or outer fibrous tissue membrane. 8. PR is wrongly written as FR. 9. What are TUPO II and TDPO II? Are these same or different? Please specify. 10. On IHC, all four MMR genes were positive,



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then how a diagnosis of LS was made? 11. The description of loose stools and their appearance is confusing and not clear. 12. Peripheral lymph nodes should be changed to local or regional or pelvic lymph nodes. 13. Figure legends of Figures 1 and 2 are deficient. Please describe in some detail what is shown and point it out with arrows etc. 14. What approach was used for radical resection of rectal cancer? 15. Was it rectal or sigmoid colon cancer? 16. It is repeatedly mentioned that this presentation with breast cancer or CRC was typical or prototypical of LS. How, when no family history is provided. 17. TILs are not mentioned in the pathology of CRC. It is given in discussion only.



RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Reviewer's code: 00503282

Position: Editorial Board

Academic degree: FCPS

Professional title: Professor

Reviewer's Country/Territory: Pakistan

Author's Country/Territory: China

Manuscript submission date: 2024-02-04

Reviewer chosen by: Meng-Liu Luo

Reviewer accepted review: 2024-07-29 07:20

Reviewer performed review: 2024-07-31 12:08

Review time: 2 Days and 4 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 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



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Scientific significance of the conclusion in 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 scientific significance
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" 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
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

SPECIFIC COMMENTS TO AUTHORS

The manuscript has been revised satisfactorily.