

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Oncology*

Manuscript NO: 75841

Title: Long-term follow-up of HER2 overexpression in patients with rectal cancer after preoperative radiotherapy: A prospective cohort study

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06110746

Position: Peer Reviewer

Academic degree: MD

Professional title: Professor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2022-03-01

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-03-07 09:02

Reviewer performed review: 2022-03-30 10:20

Review time: 23 Days and 1 Hour

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 Grade E: Do not publish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: [☒] Anonymous [☐] Onymous

Conflicts-of-Interest: [☐] Yes [☒] No

SPECIFIC COMMENTS TO AUTHORS

HER-2 is a member of the epidermal growth factor receptor family of receptor tyrosine kinases, has been demonstrated to be highly expressed in a variety of tumor cells and can inhibit tumor cell apoptosis. HER-2 is also found highly expressed in CRC cells, and which is currently considered as a potential target for colorectal cancer therapy. In this study, the authors assessed the value of HER-2 overexpression in the long-term prognosis of rectal cancer. The study was very well designed and research was performed well. The results are very interesting. A minor revision is required. Comments: (1) There are some minor language polishing should be corrected. (2) Please change the Chinese words to English below Table 2. (3) The title is too long, please short it.

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Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06110615

Position: Peer Reviewer

Academic degree: FRCS, MD, PhD

Professional title: Researcher, Staff Physician

Reviewer's Country/Territory: Germany

Author's Country/Territory: China

Manuscript submission date: 2022-03-01

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-03-07 09:02

Reviewer performed review: 2022-03-30 10:24

Review time: 23 Days and 1 Hour

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 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 checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

This is an interesting study about the HER-2 overexpression the long-term prognosis of rectal cancer. In this study, total 151 samples of rectal cancer tissues were obtained by rigid proctoscopy before neoadjuvant therapy, followed by immunohistochemical and FISH tests to determine HER-2 expression status. The sample was selected properly, and the methods were described in detail. The results are discussed with updated references. The reviewer recommends to accept this study for publication after a minor editing. No specific comments.

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Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05469293

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2022-03-01

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2022-03-29 00:46

Reviewer performed review: 2022-04-07 09:12

Review time: 9 Days and 8 Hours

Scientific quality	<input checked="" type="radio"/> Grade A: Excellent <input type="radio"/> Grade B: Very good <input type="radio"/> Grade C: Good <input type="radio"/> Grade D: Fair <input type="radio"/> Grade E: Do not publish
Language quality	<input type="radio"/> Grade A: Priority publishing <input checked="" type="radio"/> Grade B: Minor language polishing <input type="radio"/> Grade C: A great deal of language polishing <input type="radio"/> Grade D: Rejection
Conclusion	<input type="radio"/> Accept (High priority) <input checked="" type="radio"/> Accept (General priority) <input type="radio"/> Minor revision <input type="radio"/> Major revision <input type="radio"/> Rejection
Re-review	<input type="radio"/> Yes <input checked="" type="radio"/> No



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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 study of the role of HER-2 overexpression in rectal cancer is very interesting. The study is well performed and the results are very interesting. After a minor editing, this study can be accepted.