

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Oncology*

Manuscript NO: 77042

Title: The role of gender on psychological distress, quality of life, and coping of patients with advanced colorectal and non-colorectal cancer

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05469117

Position: Editorial Board

Academic degree: PhD

Professional title: Adjunct Professor, Chief Physician, Deputy Director

Reviewer's Country/Territory: China

Author's Country/Territory: Spain

Manuscript submission date: 2022-04-25

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-04-28 17:21

Reviewer performed review: 2022-04-28 18:55

Review time: 1 Hour

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 Grade E: Do not publish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 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

Thank you for inviting me to evaluate the observational study titled “The role of gender and primary tumor site on psychological distress, quality of life, and coping of patients with advanced cancer of the digestive tract”. It is an interesting study, which was a real-world data (RWD) analysis using the Spanish NEOtic_SEOM cancer registry database aims to evaluate psychological distress, quality of life, and coping strategies in patients with advanced colorectal cancer compared to non-colorectal cancer based on gender. And they concluded that women and patients with non-colorectal gastrointestinal tract malignancies have more physical symptoms and somatization and women suffer more psychological distress. This analysis suggests the desirability of considering stratification and analysis by sex and site of the primary tumor in studies of digestive malignancies to identify differences and individualize communication with the patient to achieve a suitable approach to their psychological and physical situation. So, the information in this study is helpful to clinical communities. The paper is well arranged and the logic is clear, and the cited literature is comprehensive. The provided figure and tables are well composed and understandable. The quality of language of the manuscript is acceptable for me. So, I recommend to you that this manuscript may be accepted. There is advice for author: 1) The aim of the study is to analyze whether there are differences between colorectal and non-colorectal digestive cancer, so, the title seems to need to be revised to more accurately describe the content of the article. 2) “Conclusions. The degree of disease acceptance in gastrointestinal malignancies may be gender dependent. Future interventions should specifically address gender and tumor site differences in individuals with advanced digestive

cancer. "The description here is inaccurate. According to this article, at least, the acceptance of patients with gastrointestinal malignancies is related to gender and primary tumor location.

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Peer-review model: Single blind

Reviewer's code: 05118185

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Doctor, Surgeon

Reviewer's Country/Territory: China

Author's Country/Territory: Spain

Manuscript submission date: 2022-04-25

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-04-30 05:54

Reviewer performed review: 2022-04-30 15:23

Review time: 9 Hours

Scientific quality	<input checked="" type="checkbox"/> Grade A: Excellent <input 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No

**Peer-reviewer
statements**

Peer-Review: ☒ Anonymous ☐ Onymous

Conflicts-of-Interest: ☐ Yes ☒ No

SPECIFIC COMMENTS TO AUTHORS

This paper is unique, and indeed, we GI researchers generally focus on prognosis (how long the cancer patients could live), but we do not pay enough attention on how well they live (distress and anxiety). This paper has a nice take-home message as “The degree of disease acceptance in gastrointestinal malignancies may be gender dependent”, and is useful to GI surgeons and gastroenterologists. Therefore, I think it could be accepted by WJG, and be attractive to the readers.

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Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06279771

Position: Peer Reviewer

Academic degree: MD

Professional title: Adjunct Professor

Reviewer's Country/Territory: Botswana

Author's Country/Territory: Spain

Manuscript submission date: 2022-04-25

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-04-25 12:28

Reviewer performed review: 2022-05-03 10:31

Review time: 7 Days and 22 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 checked="" type="radio"/> Grade A: Priority publishing <input 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 checked="" type="radio"/> Accept (High priority) <input 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

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

Title: Yes, the title reflects the main subject/hypothesis of the manuscript 2 Abstract: Yes, the abstract summarize the work described in the manuscript 3 Key words: Yes, the key words reflect the focus of the manuscript 4 Background: The background is well written and organized. It adequately describe the background, present status and significance of the study 5 Methods: The methods are described in adequate detail that is easy to follow and replicate 6 Results: Authors have achieved their stated objects. The study contributes by adding knowledge on gender differences in psychological distress among patient with and without colorectal cancer 7 Discussion: The discussion is concise and clear. It appropriately and adequately highlights the main aspects of the manuscript 8 Illustrations and tables: The tables and Figures are of good quality. They don't require any modifications 9 Biostatistics: Yes. The manuscript met the requirements of biostatistics 10 Units: Yes, the manuscript meet the requirements of use of SI units 11 References: The authors have cited relevant and latest references 12 Quality of manuscript organization and presentation: The manuscript IS well, concisely and coherently organized and presented. The style, language and grammar are accurate and appropriate 13 Research methods and reporting. Authors should have prepared their manuscripts according to manuscript type and the appropriate categories using STROBE statement 14 Ethics statements: The manuscript met the requirements of ethics

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Peer-review model: Single blind

Reviewer's code: 05914859

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Lecturer

Reviewer's Country/Territory: Romania

Author's Country/Territory: Spain

Manuscript submission date: 2022-04-25

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-04-28 06:30

Reviewer performed review: 2022-05-04 11:27

Review time: 6 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
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 checked="" type="checkbox"/> Yes <input type="checkbox"/> 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

The article confirms data from other populational studies and provide useful information for oncologists. However the numbers of patients with digestive cancers others than colorectal are two small to allow a significant conclusion.