

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Gastrointestinal Surgery*

**Manuscript NO:** 91946

**Title:** Relationship between H. pylori infection and colorectal polyp/colorectal cancer

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

**Peer-review model:** Single blind

**Reviewer's code:** 05223442

**Position:** Editorial Board

**Academic degree:** FACS, FICS, MD, MSc

**Professional title:** Assistant Professor, Senior Researcher, Surgeon

**Reviewer's Country/Territory:** Liberia

**Author's Country/Territory:** China

**Manuscript submission date:** 2024-01-10

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2024-01-15 11:04

**Reviewer performed review:** 2024-01-17 15:30

**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 Grade E: Do not publish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 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

<b>Scientific significance of the conclusion in this manuscript</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	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

The authors should expand on the following • The authors should provide appraisals whether the editorial effectively addresses the conflicting results from previous clinical studies and Mendelian studies regarding the association between H. pylori and colorectal polyps/cancer? • Are the potential sources of inconsistency explored and discussed? • How robust is the predictive model developed by Zhang et al., and what are its clinical implications? • Are the limitations of the predictive model acknowledged, and suggestions for improvement provided?

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**Reviewer's code:** 05112530

**Position:** Editorial Board

**Academic degree:** Doctor, DPhil, MD, PhD

**Professional title:** Chief Doctor, Professor

**Reviewer's Country/Territory:** Russia

**Author's Country/Territory:** China

**Manuscript submission date:** 2024-01-10

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2024-01-13 06:54

**Reviewer performed review:** 2024-01-18 03:26

**Review time:** 4 Days and 20 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
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<b>Peer-reviewer statements</b>	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

HP infection is one of the most common and actively studied bacterial infections in the world. Today we consider HP as the leading etiological factor of chronic gastritis and a class 1 carcinogen in relation to the risk of developing gastric cancer. However, in relation to other diseases with localization outside the stomach, the role of HP infection appears to be extremely controversial. In this regard, the article submitted for publication is very relevant. At the same time, I would like to invite the authors to make a number of clarifications Selection of literature. It seems extremely important to describe in detail the procedure for selecting sources included in the work (by what search words, in what databases, what criteria were used to select) Modulation of the intestinal microbiota induced by HP infection is an important potential factor in increasing the risks of colorectal cancer and polyps. I propose to present this section in more detail. The results of numerous epidemiological and clinical studies regarding the connection between HP and the risk of colorectal cancer have not yet reached consensus, and therefore I suggest that the authors report not on the connection, but on the association until the connection is finally proven.