

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 89387

Title: Success of susceptibility-guided eradication of *Helicobacter pylori* in a region with high secondary clarithromycin and levofloxacin resistance rates

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02536349

Position: Editorial Board

Academic degree: MD

Professional title: Doctor, Professor

Reviewer's Country/Territory: Turkey

Author's Country/Territory: China

Manuscript submission date: 2023-10-30

Reviewer chosen by: Jia-Ru Fan

Reviewer accepted review: 2023-11-21 18:42

Reviewer performed review: 2023-11-23 08:54

Review time: 1 Day and 14 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 Grade E: Do not publish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 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

SPECIFIC COMMENTS TO AUTHORS

1- The title must be self-explanatory. Why “Liaoning Province”? “High rates of secondary clarithromycin and levofloxacin resistance of *Helicobacter pylori* and susceptibility-guided eradication effect in Liaoning Province” should be “? “Success of susceptibility-guided eradication of *Helicobacter pylori* in a region with high rates of secondary clarithromycin and levofloxacin resistance”

2- Please use just one decimal in all values entire the manuscript. Prefer Age as 52.7±12.6 or even as 53±13. “The mean age and standard deviation of 132 adults was 52.69±12.585”

3- Use decimals in uniform format. (ie: as 15.7 and 11.0).

4- Re-write “Aim” and “Introduction” in “abstract section”. Grammar errors and tautology should be corrected.

5- “These two antibiotics analysed in this study” should be “Clarithromycin and levofloxacin were analyzed in this study”

6- “Gastrointestinal symptoms included abdominal pain, fullness, heartburn, dysphagia, anorexia, and so on.” Please remove “...so on.” Instead list those other symptoms.

7- “(rabeprazole 20mg/ilaprazole 5mg)” should be “(rabeprazole 20mg or ilaprazole 5mg)”

8- The comparison of treatment success for susceptibility guided eradication and empiric group (with non-completed level) should also given as Per Protocol (PP) and



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Intention-to-Treat (ITT).

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Reviewer's code: 03544596

Position: Editorial Board

Academic degree: MD

Professional title: Academic Editor, Associate Professor

Reviewer's Country/Territory: Turkey

Author's Country/Territory: China

Manuscript submission date: 2023-10-30

Reviewer chosen by: Jia-Ru Fan

Reviewer accepted review: 2023-11-26 10:54

Reviewer performed review: 2023-11-26 11:16

Review time: 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
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	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Dear Editor, I should first thank for inviting me as potential reviewer to read and comment on paper entitled “High rates of secondary clarithromycin and levofloxacin resistance of *Helicobacter pylori* and susceptibility-guided eradication effect in Liaoning Province”. In the current study, the authors aimed to collect information on individuals with failure eradication histories from Liaoning Province, in order to analyse the secondary resistance profile of clarithromycin and levofloxacin, demographic characteristics, along with assessing the effect of susceptibility-guided therapy in Liaoning, in the northeast of China. The main title accurately reflects the major topic and content of the study. The abstract summarizes and reflects the work described in the manuscript. Also, the abstract presents the significant points related to the background, objectives, materials and methods, results and conclusions. The materials and methods sufficiently described for the results and conclusions that are presented in the preceding sections. The study type and design were defined in the section of the materials and methods. Exclusion criteria are well defined. Figures and tables are sufficient and well-organized. Ethics Committee approval was received. So, the section materials and



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methods is adequate. The statistical methods used are appropriate. The section of the discussion is well organized. The conclusions are drawn appropriately supported by the literature. The manuscript adequately describes the background, present status and significance of the study. The manuscript interprets the findings adequately and appropriately, highlighting the key points clearly. I think that it will contribute to the literature. I have some minor criticisms. - The manuscript appropriately cites the important and authoritative references but does not cite the recent published articles in the Introduction part of the manuscript. If the recent published article about helicobacter pylori prevalence in the world for example " Relationship between the severity of Helicobacter pylori infection and neutrophil and lymphocyte ratio and mean platelet volume in children. Argent Pediatr 2020;118(3):e241-243" are cited, the manuscript would be better.