



PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 84822

Title: Efficacy and safety of modified tetracycline dosing in a quadruple therapy for *Helicobacter pylori*: A retrospective single center study

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: 2023-03-28

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-04-19 08:38

Reviewer performed review: 2023-04-23 09:00

Review time: 4 Days

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 Grade E: Do not publish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 checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Some issues about the manuscript: 1. No need to write “Abbreviations” or “Note:” term under the tables or figures. Just write the abbreviations. 2. Abbreviation in “Title” is not a preferred style. H. > Helicobacter. 3. The title “Efficacy and Safety of Modified Tetracycline Dosing of Tetracycline and Furazolidone Quadruple Therapy for H. Pylori Infection: A Single Center Retrospective Study in China” may be: “Efficacy and Safety of Modified Tetracycline Dosing in a Quadruple Therapy for Helicobacter pylori : A Retrospective Single Center Study” 4. Indicate all abbreviations under all tables without exceptions. Each table must be self-explanatory. 5. Indicate ITT and PP in first usage in manuscript, including H.pylori. Indicating just in “abstract” is not sufficient. Repeat also in main manuscript. 6. Correct “eradation rates” as “eradication rates” in abstract. 7. Correct the tautology in keywords. Don’t use abbreviation in keywords. Helicobacter instead of H. 8. “Following the recognition of H. pylori gastritis as an infectious disease in 2015, guideline recommend that all patients diagnosed with infection should receive eradication therapy [4].” Should be not that distinctive. Instead, Which the cited reference really concludes is: “Following the recognition of



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H. pylori gastritis as an infectious disease in 2015, guideline recommend that all patients diagnosed with infection should receive eradication therapy.unless there are competing considerations such as comorbidities, re-infection rates in their communities, competing health priorities of society and financial cost. [4]. 9. Unfortunately, Figure 1 is not reader friendly. It is very crowded and does not include p values. Instead a Table will be more explanatory. 10. Due to drop-outs Intention-to-treat (ITT) success is expected to be lower than per protocol (PP). The possible errors of violation of this general rule must be clearly explained in the manuscript. 11. Even though “at least” 4 weeks interval between the treatment and testing for eradication is accepted, many studies perform 6-8 weeks duration for more accurate results. This issue have to be mentioned in limitations. <http://www.ncbi.nlm.nih.gov/pubmed/15270750>. 12. Mention ITT and PP in statistical methods section. 13. Mention dosage of other drugs than tetracyclin. 14. Re-evaluate the statistics thoroughly.



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Reviewer's code: 03795731

Position: Peer Reviewer

Academic degree: PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Croatia

Author's Country/Territory: China

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Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-04-24 05:58

Reviewer performed review: 2023-04-24 11:51

Review time: 5 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
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Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input 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 checked="" type="checkbox"/> Accept (High priority) <input 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: <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

Congratulations, very nice papers. Study demonstrated high H. pylori eradication rates of in the modified tetracycline dose of utilizing tetracycline 500mg twice daily were 92.4% and 92.1% by ITT and PP analyses, similar to standard dosing utilizing tetracycline 750mg twice daily or 500mg three times daily regimens. Furthermore, modified tetracycline dosing regimen was effective as standard tetracycline dosing regimens regardless of antibiotic regimens used for prior treatments. Finally, the incidence of adverse events was lower in the modified tetracycline dosing (15.3% vs. 32.3% and 29.4%; P-value=0.002) compared to the regimen with standard tetracycline dosing.