

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 61380

Title: Paradoxal relationship between proton pump inhibitors and COVID-19: A systematic review and meta-analysis

Reviewer's code: 05431343

Position: Peer Reviewer

Academic degree: PhD

Professional title: Research Scientist

Reviewer's Country/Territory: United States

Author's Country/Territory: Italy

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Reviewer chosen by: AI Technique

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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 Grade E: Do not publish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 type="checkbox"/> Yes <input checked="" 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

This review paper has used the currently available data to explore the relationship between the use of proton pump inhibitors (PPIs) and the Sars-CoV-2 infection and analyze the strengths and weaknesses of this relationship. Considering the ongoing pandemic situation, these data could be helpful for hospitals and treatment centres to handle the pandemic in a more effective fashion. In addition, please consider the following revision before the publication of the manuscript: 1- There are some grammatical and spell errors throughout the manuscript: “inihbitors” => “inhibitors” “... into lungs by by ...” => “into lungs by” “provided us few studies” => “provided us with few studies” “S2 subunit which in a second phase”=> “which is” “the entire virus can entry into” => “can enter” “the disease COVI-19” => “COVID-19” 2- The following sentence requires citation: “Various reports in last decade have suggested that PPIs can favor the more severe course and mortality in patients suffering from conditions such as virosis by virtue of their side effects” 3- What are the inclusion and exclusion criteria of this review paper?