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Managing Editor  
World Journal of Gastroenterology

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Dear Editor:

It is my great pleasure to send in the revised manuscript entitled "A global whole family based-*Helicobacter pylori* eradication strategy to prevent its related diseases and gastric cancer" for World Journal of Gastroenterology for evaluation. One additional raw revised draft version with highlight and deletion lines is also attached in Supplementary Material for your convenience, and should be deleted after your review.

The manuscript has been revised based on what the reviewer has suggested, a point-by-point reply to the reviewer's question is also provided below, the style has been reformatted according the opinion review guideline. We hope this revised version will satisfy both editor and reviewers.

In addition, the required accompanying documents are also uploaded via the F6Publishing system for your information.

- (1) 52710-Manuscript File (two, one is the raw draft with highlight in Supplementary Material, another is clean accepted all changes and references incorporated in Manuscript File)
- (2) 52710-Answering Reviewers
- (3) 52710-Audio Core Tip
- (4) 52710-Conflict-of-Interest Disclosure Form
- (5) 52710-Copyright License Agreement
- (6) 52710-Approved Grant Application Form(s) or Funding Agency Copy of any Approval Document(s)
- (7) 52710-Non-Native Speakers of English Editing Certificate

Thank you very much for your time and attention, and hope the manuscript can be favorably considered!

With Best Regards,  
Sincerely yours,



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**Response to Reviewer comments:**

**Reviewer 1**

*good job, just follow the comments in attachment*

*Conclusion: Accept (High priority)*

*Scientific Quality: Grade A (Excellent)*

*Language Quality: Grade A (Priority publishing)*

*20191116\_Review report A global whole family based-Helicobacter pylori infection management strategy to prevent its related diseases and gastric cancer.docx*

*I have read the above titled paper carefully and honestly, I enjoyed it. In other side, there are some minor changes necessary before the paper can stands as published one. I have inserted the below comments to improve it.*

- *The paper seems written as mini-review instead of review or editorial, so it should be determined for sure before final decision.*

Author reply to the reviewer:

This has been changed into Opinion Review.

- *I am not happy with the word “management” in the title, it is vague, so please remove it.*

Author reply to the reviewer:

The author has changed it into “eradication strategy” in both title and running title, thanks reviewer to mention this.

- ***Abstract** is not a standard shaped abstract, so please rewrite it, I would re-read it in revision,*

Author reply to the reviewer:

This has been changed into required format.

- *I strongly think that the author needs to describe why current strategies are useless then start to talk about new one! As below:*

Author reply to the reviewer:

The current strategies are critical in guiding global *H. pylori* eradication programs and are still effective, the newly suggested whole family-based strategy will be the third strategy to help bacterium eradication and solve problems that left by the current strategies, this notion have been stated in the revised version of manuscript in both abstract and conclusion sections.

### ***Whole family H. pylori infection, intra-familial transmission and disease progression***

- *In below section, I cannot follow the author s' intention, please re-write it.*

*H. pylori is mostly transmitted by oral-oral, fecal-oral routes; intra-familial spreading are major forms of H. pylori infection<sup>12, 14</sup>, the bacterium had been cultivated from vomitus, saliva and cathartic stools of infected persons, and was detected in dental plaques and cavities<sup>1, 15</sup>. Increasing evidence have demonstrated that H. pylori can be find in various environments, including water and food products for the family<sup>16-21</sup>; it can survive in milk, ready-to-eat foods, vegetables, juices, meats for certain period of time; and was detected in various family food products such as water, vegetables, and different source of meats as reviewed by Quaglia and Dambrosio<sup>16</sup>. H. pylori was also detected and isolated from animal gastric mucosa such as sheep and cow<sup>17, 18</sup>; its presence in drinking water, freshwater, well water, estuarine, seawater and marine products were reported by using either molecular methods or bacteriological culture<sup>16, 19-21</sup>. Despite further confirmation are required, these information clearly suggest that they are potential sources of infection and are possible transmission routes for family (Table 2). H. pylori infection is therefore speculated as a foodborne or waterborne disease, human and animal are likely the reservoir<sup>16</sup>.*

Author reply to the reviewer:

This paragraph was reorganized; we hope this will satisfy the reviewer.

- *This text needs new references, I added some suggestions, please improve it, current reference is not appropriate.*

*H. pylori infection in whole family is often caused by the same or variant strains spreading among family members, but there are also multiple-strain infections, indicating that outside sources are also involved*

*-Abadi, A. T. B. (2017). Strategies used by helicobacter pylori to establish persistent infection. World journal of gastroenterology, 23(16), 2870.*

*- Mejías-Luque, R., & Gerhard, M. (2017). Immune evasion strategies and persistence of Helicobacter pylori. In Molecular Pathogenesis and Signal Transduction by Helicobacter pylori (pp. 53-71). Springer, Cham.*

Author reply to the reviewer:

Two new relevant references were added in the reference list.

*\* Again, this header should be changed, it is not properly written, “**Management of H. pylori infection in a whole family-based approach and future perspective**”*

*At least, the conclusion section also should be rewritten according to the novel findings, current text is mainly boring rather being scientific.*

Author reply to the reviewer:

Header has been changed into “***H. pylori eradication in a whole family-based approach and future perspective***”. The conclusion section has been rewritten, and it is now reflected the core messages of manuscript.

Author is very grateful to the reviewer to spent time and attention to review the manuscript.

## **Reviewer 2**

*To Authors, The manuscript titled “A global whole family based-Helicobacter pylori infection management strategy to prevent its related diseases and gastric cancer“ was reviewed. This study has mentioned about to screen, identify, treat and follow up all H. pylori-infected individuals in the entire family. This strategy can prevent the spreading of H. pylori, and reduce its long-term complications among family members. This study also points out the importance of family screening for preventing gastric cancer. However, all abbreviations should be checked in the text again. They should be rewritten together with an explanation in the first using ( eg., IM). This study deserves priority publishing.*

*20191120\_To authors 52710.docx*

*Scientific Quality: Grade A (Excellent)*

*Language Quality: Grade A (Priority publishing)*

*Conclusion: Minor revision*

Author reply to the reviewer:

The abbreviation has been either changed or removed, author is grateful to the reviewer to spent time attention to point this out.

### **Reviewer 3**

- 1) *Title or guide line that author tried to propose may be useful in China. The title should be added the words “in China”.*
- 2) *There's guideline summary by 2 tables. However, there's summary of (\*) all references and I could not define all informative data in table came from all source or which reference.*
- 3) *Conclusion is full of bias and I think the author should give more positive aspect of each methods. How to summary after discussion, the author may suggest more than one method because of different circumstance in each country. However, if only using in high incidence of bacterial infection and high incidence of gastric cancer, the author may mention how to define or modified recent guidelines.*

*Scientific Quality: Grade D (Fair)*

*Language Quality: Grade B (Minor language polishing)*

*Conclusion: Major revision*

Author reply to the reviewer:

- 1) The newly proposed strategy is a whole family-based *H. pylori* eradication strategy, and as an additional approach for the scenario that left by the current strategies, so it will be suitable not only for China and will be practical for both high and low *H. pylori* prevalent areas. The author hopes it will play a critical role in future global *H. pylori* eradication to prevent or reduce its spreading and related diseases or consequences.
- 2) Some of reference were removed to increase its visibility and made the reference more concise and up-to-date.
- 3) The conclusion section has been rewritten and the present version has indicated that current strategies are critical in guiding global *H. pylori* eradication programs and are still effective, the newly suggested whole family-based strategy will be the third strategy to help bacterium eradication and solve the problems that left by the current strategies, this notion has been reinforced in the revised version of manuscript in both abstract and conclusion sections.

Author is also very grateful to the reviewer to spent time and attention to review the manuscript.

#### **Reviewer 4**

*I was reviewed your article, I think your concept about the global whole family based study have been mention before. By the way, I like your review about this matter.*

*Scientific Quality: Grade C (Good)*

*Language Quality: Grade B (Minor language polishing)*

*Conclusion: Minor revision*

Author reply to the reviewer:

Author is very grateful to reviewer to spent time and attention to review the manuscript, and hope the newly proposed strategy will be helpful in global *H. pylori* eradication to prevent or reduce its spreading and related diseases or consequences.