

Dear editor and dear reviewers

Re: Manuscript ID: and Title: Analysis of risk factors for the occurrence of Helicobacter pylori infection after colon polyp surgery and the relationship between the type of pathology and its occurrence

Thank you for your letter and the reviewers' comments concerning our manuscript entitled "Analysis of risk factors for the occurrence of Helicobacter pylori infection after colon polyp surgery and the relationship between the type of pathology and its occurrence" (ID:89187). Those comments are valuable and very helpful. We have read through comments carefully and have made corrections. The responses to the reviewer's comments are marked in red and presented following.

Reviewer #1: In this study, total eighty patients who had a colon polypectomy retrospectively analyzed. The correlation between the different pathological types of colon polyps and the occurrence of H. pylori infection was analyzed after colon polyp surgery. The authors found that the age, BMI, and polyp pathology of the adenomatous type were independent predictors of H. pylori infection after intestinal polypectomy, and the further constructed column-line graph prediction model of H. pylori infection after intestinal polypectomy showed good predictive ability. The study designed is good, and the results are very interesting. Minor comments:

Q1. The manuscript have to be edited. Some minor language polishing should be corrected. And please take attention about the abbreviations, such as. Helicobacter pylori should be abbreviated as "H. pylori", not Hp.

Response: We are grateful for the suggestion. In response to your questions, we have revised the relevant abbreviations in the full text.

Q2. The quality of the images is not enough, please update the images.

Response: Thank you for your comment. We apologize for the quality problems of the images, but the pictures in this study are calculated by R language code based on all data, and it is impossible to modify the pictures, which may involve changing the data obtained from the research results.

Q3. Please update the references, and edit them according to the journal's guideline.

Response: Thank you for your suggestion. According to your suggestions, we have re-edited the references.

In this interesting study, the authors investigate risk factors for post-colon polyp surgery H. pylori infection and its correlation with pathology type. Overall, the study is well performed. The manuscript is well written. Only some minor spelling mistakes should be corrected.

Response: We appreciate the reviewer's positive evaluation of our work and apologize for the spelling mistakes in the original manuscript. The manuscript has been thoroughly revised and rewritten by a native English speaker