

## **Responses for reviewers**

### **Reviewer #1**

1. *Helicobacter pylori* should be mentioned in the first place of this manuscript;

#### **Response**

Thank you for your advice. I added the following to the first place of this manuscript. “including tests for *Helicobacter pylori* (*H. pylori*) infection which bacterium is known to cause gastric ulcer, duodenal ulcer, atrophic gastritis, gastric cancer, etc., at the start of the study.

2. *The quality of image need to be improved. The image with mucus should be replaced;*

#### **Response**

Thank you for your advice. The images should not be modified by the contributor personally, therefore send the images to the editorial department via PPT. The image of the ulcer in Figure 1B has been changed to coordinate with the other two types.

3. *16s rRNA or metabolite sequencing could be done in subjects with high BMI to evaluate whether small intestinal ulcerative lesions were correlated with the alteration of microbiota.*

#### **Response**

Thank you for your valuable suggestions. At the end of the conclusion, I added the following sentence.

“We also hope that it should be clarified in future whether *H. pylori* and BMI really affect small intestinal ulcerative lesions in healthy subjects. 16s rRNA or metabolite sequencing of the intestinal flora between *H. pylori*-infected and uninfected as well as between high- and low-BMI assess whether small intestinal ulcerative lesions correlate with changes in the microbial flora. These researches such as comparing the intestinal flora of objects is considered necessary. Future studies are required to address this issue.”

4. *The table should summarize the cause of small intestinal ulcer. It is more appropriate to calculate the cut-off of small mucosal breaks diameter to predict the abnormality of small intestinal ulcerative lesions.*

## **Response**

Thank you for your advice. The diseases and causes that can cause small intestinal ulcers are summarized in Table 4 and added to the paper. I think this is easier to understand. Unfortunately, it is difficult to accurately measure the diameter of small ulcerative lesions with a capsule endoscope, and an accurate diagnostic method for small intestinal ulcers is left for further study.

## **Reviewer #2**

*Thank you for the interesting review.*

## **Response**

Thank you for reviewing my manuscript.

## **Science editor:**

*1. The self-referencing rates should be less than 10%. Please keep the reasonable self-citations (i.e. those that are most closely related to the topic of the manuscript) and remove all other improper self-citations.*

## **Response**

Citation No. 6, 9 and 13 have a larger number of subjects than others and are required for Table 1. In particular, 9 and 13 are required for Table 2. No. 21 and 23 were reported by us for the first time in the world and are considered necessary and cannot be replaced. This time, I understand that we have a large number of self-citations, and all the parts that can be cited in other documents are excluded from the ones we wrote. Since the number of references has increased with the addition of Table 4 this time, the ratio of self-citation has decreased.

*2. The authors did not provide original pictures. Please provide the original figure documents. Please prepare and arrange the figures using PowerPoint to ensure that all graphs or arrows or text portions can be reprocessed by the editor; and (2) If an author of a submission is re-using a figure or figures published elsewhere, or that is copyrighted, the author must provide documentation that the previous publisher or copyright holder has given permission for the figure to be re-published*

**Response**

All figures are original and unpublished. Submit the file with the figures added to PowerPoint.

**Company editor-in-chief:**

*Uniform presentation should be used for figures showing the same or similar contents.*

**Response**

Thank you for your advice. The figure numbers have been changed.