Dear Editor：

We have revised the text further, based on the helpful comments from the reviewers.

We have included a point by point response to the comments below:

1. “This manuscript reports the results of studies on the effect of gastric microbiota on the eradication rate of Hp in patients subjected to 14 days quadruple Hp eradication therapy. It should be noted that the study was performed with relatively small number of patients. Moreover, the results and conclusions are not clearly accentuated.”

We have explained the reasons for the small sample size and explain the research limitations caused by the small sample size. We have revised the abstract and conclusion. The result that high rate of Hp eradication was associated with *Rhodococcus*, *Lactobacillus* and *Sphingomonas* and the conclusion that the effect of quadruple HP eradication therapy depends on gastric microbiota have been accentuated.

2. “Please include in "Matarials and methods" more information about points of microbiota analysis - it was done only before treatment or also after treatment.”

We have added more information about points of microbiota analysis in "Matarials and methods". It was done before treatment.

3. “Please write how you choose patients wrom success group for analysis - it was random choose.”

In "Matarials and methods", the patients selection of the success group was documented in more detail. The patients in the successful group were not randomly selected, but were selected through propensity matching analysis. We also added detailed of propensity matching analysis.

4. “In conclusion please write practical recomendations for future.”

We have added the practical recomendations for future in “Conclusion”.

5. “Please resolve all language issues in the manuscript based on the peer review report. Please be sure to have a native-English speaker edit the manuscript for grammar, sentence structure, word usage, spelling, capitalization, punctuation, format,

and general readability, so that the manuscript's language will meet our direct publishing needs."

All language issues in the manuscript based on the peer review report have been resolved. The grammar, sentence structure, word usage, spelling, capitalization, punctuation, format, and general readability have been edited by a native-English speaker.

6. "The "Article Highlights" section is missing".

"Article Highlights" section has been added at the end of the main text.

Sincerely,

Zhan-Yue Niu