

Dear editors and reviewers:

Thank you for your letter and for the reviewers' comments concerning our manuscript entitled "The Effect of Exercise training on Left ventricular remodeling in Patients with Myocardial Infarction and Possible Mechanisms" (Manuscript ID:65564). Those comments are all valuable and very helpful for revising and improving our paper, as well as the important guiding significance to our researches. We have studied comments carefully and have made correction which we hope meet with approval. Revised portion are marked with underline in the paper. The main corrections in the paper and the responds to the reviewers' comments are as following:

Reviewer #1: Scientific Quality: Grade B (Very good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

Specific Comments to Authors: In this study, the effect of exercise training on left ventricular remodeling in myocardial infarction patients and the possible mechanisms was investigated. The study is very interesting. The methods are very clearly described, and the results are well discussed. This study concluded that the early rehabilitation exercise after acute myocardial infarction can inhibit progression of left ventricular remodeling and maintain left ventricular function. Overall, this manuscript is very well written.

1) Some minor language polishing should be revised. And take attention about the using of some punctuation marks.

Response: Thank you for your good suggestion. We invited an expert in scientific writing for help us to revise the ortographic omissions and grammar errors and we will submit a proof of the language editing in Supplementary Material. There is a track-changes version showing the adjustments made from the earlier manuscript version(Page2,line21; Page3,line4; Page3,line9; Page3,line12; Page3,line14; Page3,line16; Page5,line5; Page6, Fig1; Page8, line16;Page13, line14). Thanks a lot.

2) All the P values are NS, in the table 2, what's the meaning for list it? You can make a note for this, and delete this column from the table.

Response: Thank you for your good suggestion. Due to the RCT trail design, the characteristic of patients between the 2 group were not statistically different, thus we agreed that delete this column form the table2(Page8) and make a note for this(Page8, line14).Thanks a lot.

3) It seems the data is Fig 2 and Table 5, Fig 3, 4, 5 and Table 6 are the repeated. Please check if the fig 2-5 can be deleted.

Response: Thank you for your good suggestion. According to your suggestion, we deleted the Figure2-5.Thanks a lot.

EDITORIAL OFFICE'S COMMENTS

Authors must revise the manuscript according to the Editorial Office's comments and suggestions, which are listed below:

(1) Science editor: 1 Scientific quality: The manuscript describes a clinical trials study of the effect of exercise training on left ventricular remodeling in patients with myocardial infarction and

possible mechanisms. The topic is within the scope of the WJCC. (1) Classification: Grade B; (2) Summary of the Peer-Review Report: In this study, the effect of exercise training on left ventricular remodeling in myocardial infarction patients and the possible mechanisms was investigated. The study is very interesting. The questions raised by the reviewers should be answered; (3) Format: There are 6 tables and 5 figures; (4) References: A total of 28 references are cited, including 5 references published in the last 3 years; (5) Self-cited references: There is no self-cited reference; and (6) References recommendations: The authors have the right to refuse to cite improper references recommended by the peer reviewer(s), especially references published by the peer reviewer(s) him/herself (themselves). If the authors find the peer reviewer(s) request for the authors to cite improper references published by him/herself (themselves), please send the peer reviewer's ID number to editorialoffice@wjgnet.com. The Editorial Office will close and remove the peer reviewer from the F6Publishing system immediately. 2 Language evaluation: Classification: Grade B. A language editing certificate issued by Editage was provided. 3 Academic norms and rules: The authors provided the Biostatistics Review Certificate, the Institutional Review Board Approval Form, and the written informed consent. No academic misconduct was found in the Bing search. 4 Supplementary comments: This is an unsolicited manuscript. The study was supported by Beijing Municipal Health Commission, Beijing Natural Science Foundation, Beijing Hospitals Authority Incubating Program, etc. The topic has not previously been published in the WJCC.

5 Issues raised: (1) The "Author Contributions" section is missing. Please provide the author contributions;

Response: Thank you for your good suggestion. According your suggestion, we added the author contributions section in page14, line 13-17.

(2) The authors did not provide the approved grant application form(s). Please upload the approved grant application form(s) or funding agency copy of any approval document(s);

Response: Thank you for your good suggestion. According your suggestion, we upload the approved funding agency copies including Beijing Hospitals Authority Incubating Program (Code.PZ2021007), Beijing Hospitals Authority Youth Program (Code.QML20200606), Beijing Municipal Health Commission (No.17-3) and the Beijing Natural Science Foundation (No.7184205).

(3) 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;

Response: Thank you for your good suggestion. According your suggestion, we upload the PowerPoint's version of figures.

(4) PMID and DOI numbers are missing in the reference list. Please provide the PubMed numbers and DOI citation numbers to the reference list and list all authors of the references. Please revise throughout;

Response: Thank you for your good suggestion. According your suggestion, we provide the PubMed numbers and DOI citation numbers to the reference list and list all authors of the references(Page16-18).

(5) The "Article Highlights" section is missing. Please add the "Article Highlights" section at the end of the main text.

Response: Thank you for your good suggestion. According to your suggestion, we add the "Article

Highlights" section at the end of the main text in page 15. Thanks again for your advice!