

Dear editor,

Here we submit our revised manuscripts (Manuscript NO.: 87588, and entitled 'Association Between Late Gadolinium Enhancement and Outcome in Dilated Cardiomyopathy: A Meta-Analysis' ) to the office of the ***World Journal of Radiology***.

According to the comments of the editor, we revised the manuscripts point-by-point, and the detailed responses in the appendix are accordant with the comments. Each response was immediately behind the comment. In the annotated version, the revisions are highlighted by yellow font in Microsoft Word. Thank you very much for your good suggestions and comments, which are very valuable in improving the quality of our manuscript.

Yours Sincerely,

Rui Li

The corresponding author

## **Appendix: A detailed response to the Editor's comments**

**Manuscript Number:** 87588

**Title:** Association Between Late Gadolinium Enhancement and Outcome in Dilated Cardiomyopathy: A Meta-Analysis

**Authors:** Xin-yi Feng, Wen-feng He, Tian-yue Zhang, Ling-li Wang, Fan Yang, Yu-ling Feng, Chun-ping Li, Rui Li

Response to editor's comments:

1. In the Methods, what did the Authors mean with "cardiac events" for the composite endpoint?

**Response:** After checking, we found that composite endpoints was not clearly established in our original version, and cardiac events inherently contain arrhythmia events. Therefore, we redefined composite endpoints to include only all-cause mortality and cardiac events. And the cardiac events were further elaborated, that is, cardiac events contain cardiac death (death after a period of clinical deterioration in signs and symptoms of heart failure despite medical treatment) arrhythmic events, and heart failure (HF).

2. Please correct several typing errors throughout the manuscript (for example, in the the Methods "cycle length of r240 ms (ie, Z250 beats/min). ")....

**Response:** We have re-edited and revised the manuscript for language and grammar, and corrected the errors you noted in the file. Thanks again for your reminding.

3. In the Results (Figures 2,3) it is unclear what the "overall" line at the bottom of each figure means...

**Response:** The "overall" line at the bottom of each figure represents the combined effect of the subgroups in the chart, since it is not predictive of the outcome, we have recreated all the tables to avoid ambiguity.

4. The Authors should stress in the discussion the possible heterogeneity among studies as far as LGE quantification is concerned.

**Response:** As your good suggestion, we stated the limitations of quantification of the extent of LGE in the discussion part.

5. The title of the manuscript is too long and must be shortened to meet the requirement of the journal (Title: The title should be no more than 18 words).

**Response:** As requested, we changed our manuscript title into "The Association Between Late Gadolinium Enhancement and Outcome in Dilated Cardiomyopathy: Meta-Analysis".

6. The author must supplement and improve the highlights of the latest cutting-edge research results, thereby further improving the content of the manuscript.

**Response:** As suggested, we followed the guidelines and requirements for manuscript revision and added highlights section at the end of the discussion.