Dear Editor,

On behalf of all the authors of this paper, I would like to extend our sincere thanks to the editor and the anonymous reviewers for their great support and constructive comments, which provide us with momentum and guidance to make deeper research into our subject matter and further improve our paper. All the comments have been taken seriously and corresponding responses could be found in the revised edition. A detailed summary of changes is presented below.

Please contact us if any further questions remain.

Sincerely yours,

Prof. Yu Pang
To Reviewer #1

Comments and Suggestions for Authors

The manuscript focused on the fusion high-resolution network for diagnosing chest X-ray images. In general, the manuscript gives a good description of the proposed methodology in this study. Advancing the knowledge on these topics is relevant for the corresponding research community. Please find my comments below:

(1) The literature review is limited, because many approaches regarding the applications are not mentioned in the manuscript. Authors should consider citing "An automatic and intelligent optimal surface modeling method for composite tunnel structures" and "Multi-sensor technology for B-spline modelling and deformation analysis of composite structures" and so on.

(2) The manuscript is generally well readable but the references are inadequate which will affect the research significance of this manuscript.

Ans: We are grateful for this comment. According to this comment, we have cited all the references suggested, with some corresponding changes in the text. Due to the similarities in research methods and their applications, we have added more related references on our method and other comparisons to make this manuscript more readable and significant.

Each comment has been addressed carefully in our revised manuscript, and the revised part is highlighted in red (in page 5 and 6) in re-submitted version.