

**Reply to REVIEWER 1:**

1. Thank for your review and important suggestion.
2. In the ABSTRACT part, some supplements have been added to the last sentence “This article reviews the potential and limitations of AI, current medical application trends, and future possibilities for further clinical and scientific practice.”with six types of application trends attached.
3. In the INTRODUCTION part, the number of related articles published in the last 10 years has been summarized as Figure. 1
4. The framework was described as a paragraph at the end of the INTRODUCTION.
5. The advantages and differences of our paper compared to similar published review articles are as below. First, we have summarized the newest information. Second, we have added much information of AI application during the COVID-19 pandemic.
6. The background of COVID-19 pandemic has been illustrated in the text at different sections. Besides, we have added 2-3 citations of related literatures in each subsection in the part of RELEVANT POTENTIALS OF AI. Besides, a table to show the specific applications of AI technology in this field has been summarized.
7. Comparison of advantages of clinicians over AI in patient care has been summarized in Table 1.
8. Several references about the application of AI in COVID-19 have been added.
9. The draft has been revised by a native English.

**Reply to REVIEWER 2:**

1. Thank for your review and important suggestion.
2. More extensive literature review has been done with eleven references attached to the REFERENCES
3. We have added necessary detail for readers to fully understand and previous authors’ analysis and experiments. Besides, we have tried to interpret the exact reasons of the research outcome in the context.
4. The draft has been revised by a native English.

**Reply to REVIEWER 3:**

1. Thank for your review and important suggestion.
2. The draft has been revised by a native English.