Dear Editor:

On behalf of my coauthors, we thank you very much for giving us an opportunity to revise our manuscript titled "Research Trends On Artificial Intelligence And Endoscopy In Digestive Diseases: A Bibliometric Analysis From 1990 To 2022". We greatly appreciate the positive and constructive comments and suggestions on our manuscript by reviewers, which have significantly improved the presentation, clarity and impact of the content of this manuscript. Our point-to-point responses to the reviewers' comments were as follows:

For reviewer1:

Through bibliometric analysis, the manuscript comprehensively evaluated the application of artificial intelligence-assisted endoscopy in the detection of different digestive diseases. It shows that "cancer" and "polyp" are the hot spots in this field. It is concluded that artificial intelligence can improve the disease detection rate and the endoscopic image diagnosis program is effective.

Major comments:

1. The method of literature extraction is not explained briefly in the abstract, so it is suggested to supplement.
Response: Thank you for your suggestion. We have added the literature extraction method in the abstract to make the method more clearly, which is indicated by red font.

2. The background introduction and significance description of artificial intelligence are relatively lacking, and there is a lack of reference support. It is suggested to increase the introduction of artificial intelligence and cite more references.
Response: We agree with your suggestions. We have added introduction to the background and significance of artificial intelligence, and added more references （Ref 3 to 6）concerning artificial intelligence.

3. The manuscript describes in detail the search strategy, research selection, data extraction and analysis, but does not describe the conflict problems solved by the third author, so it is suggested to supplement.
Response: Thank you for your suggestions. The detailed conflict problems solved by the third author have been added.

4. The overall picture is too small and the resolution is low, which affects the observation.
Response: Thank you for your suggestions. We have resized the picture and improved the resolution according to your suggestions.

5. Figure 2D: Too few vertical scale, suggested to add.
Response: Thank you for your suggestions. The vertical scale interval has been adjusted from 10 to 5.

6. Some language and grammar need to be improved.
Response: Thank you for your reminder. The language of manuscript was improved by American journal experts.

For reviewer2:
This is an interesting paper evaluating the role of AI in endoscopy in digestive diseases through a bibliometric analysis. The authors present a thorough summary of the areas where there appears to be significant potential for the application of AI in digestive diseases.

Comments:
1. The authors may wish to consider adding in the discussion a paragraph about the limitations of the use of AI, having to do with ethical, legal and data-related issues.
Response: Thank you for your suggestion. We have added a paragraph to discuss the limitations of using AI to complete the structure of the article.

We greatly appreciate you and the reviewers for your comments regarding our manuscript and look forward to hearing from you.
Thank you and best regards.
Sincerely,

Yi Hu