

Point-by-point response

Reviewer #1:

Specific Comments to Authors: The authors of this study have proposed a very interesting study for highlighted the challenges and future directions of AI in endoscopy of the oesophagus. This manuscript is well-written and discusses the applications of artificial intelligence systems to improve the early detection of oesophageal cancers, highlighting their benefits and drawbacks, and the challenges such systems face in endoscopy practice.

Thank you for your kind comments.

1. Introduction is not sufficient enough. Authors should highlight more on the background and motivation of the study. what are the importance of this minireview?

We have highlighted the clinical need for AI solutions in endoscopy in the introduction.

2. The second section has introduced the state-of-the-art deep of learning technique and its application to medical field. I suggest author to summarize this section in a form of table to ease the readability and enhance the presentation of the paper.

We have summarized this section in a form of a table as suggested.

3. Figure 3 is missing. Please check.

We have deleted the reference to Figure 3..

4. In section 3.2.3 the authors explained the Figure and referred to it as Figure 3 while the figure its number as Figure 4. Please revise.

We have corrected the numbers of the Figures.

5. The authors have used very recent literature and up to date referencing. And the future work and conclusion section is very efficient. However, I suggest author to rename the last section as future work and conclusion. Or make a new section for conclusion to summarize the overall of the study findings.

The section has been renamed as suggested.

6. Lastly, the paper still required a carefully proofreading since comas missing in many places. State of the art needs to be written as state-of-the-art.

We read the paper carefully and corrected as suggested.