

Reviewer's code: 02372281

SPECIFIC COMMENTS TO AUTHORS

This brief manuscript tells us the concept of AI, including ML, DL, and CNN, and introduced 3 recent AI studies in the endoscopy. This content seems to be helpful for readers to understand the AI in the GI field. Recently, many AI papers have been published in many high0impact journals. However, the authors did not state them.

Answer: We have added few more UpToDate references and have stated in the revised manuscript.

Reviewer's code: 03725575

SPECIFIC COMMENTS TO AUTHORS

Nice editorial and well written. I like the simplified approach of CNN. The author illustrated the steps of CNN utilisation and shed some light on some of the studies that showed artificial intelligence improve the diagnosis and detection of GI pathology such as polyps.

Answer: We thank the reviewer for the above comments.

Reviewer's code: 04254033

Major Issues: 1. This manuscript just introduced some simple background information of deep learning and several related papers about GI Endoscopy that used CNNs. And then it praised AI technologies. However, this submission lacks substance and novelty.

Answer: It is an article written with the object of explaining a potential reader in a simple text, moreover, taking the above comments, we have addressed this in paragraph 2, page 9. This render GI medical community to understand better in a simplified manner.

2. If you want to review some related techniques, you should give detailed and comprehensive analysis and comparison about these new or classical papers. Although you called these four related papers as "a few published GI endoscopy articles on AI last 3 years", we can find that these papers are not known and expert papers in this direction. Furthermore, they were published in 2018 or 2017, so it is not accurate in calling them "last 3 years".

Answer: We have included a further 4 references, have included more recent UpToDate published literature. We have changed the statement to include articles last 4 years.

3. The language of this submission should be further improved to become an academic paper.

Answer: We have checked and have made minor changes in the grammar.

Reviewer's code: 05121879

SPECIFIC COMMENTS TO AUTHORS

This is a very interesting, concise article regarding the use and basics of artificial intelligence in gastroenterology.

Introduction: Please provide refence for the statement "This is no doubt that this could result in a reduction in time-to-treatment and reduce costs." Are there any studies that show that use of AI leads to reduced cost?

Answer: We have rephrased the statement and have removed the comment on reduced cost (Page 4, second paragraph, line 7)

Minor Comments: 1. Consider rephrasing the first sentence as follows: "The role of artificial intelligence (AI), specifically machine learning (ML) or deep learning (DL), in medicine is evolving and studies are surfacing beholding its advantages in performing

GI endoscopy” to “The role of artificial intelligence (AI), specifically machine learning (ML) or deep learning (DL), in medicine is evolving and studies have surfaced beholding its advantages in performing GI endoscopy.”

Answer: We have changed the statement as commented.

2. Replace “This is no doubt that this could result in a reduction in time-to-treatment and reduce costs” by “There is no doubt that this could result in a reduction in time-to-treatment and reduce costs”

Answer: Attended to this comment

Thanks for the opportunity to respond to peer reviewers’ comments, we have submitted the revised manuscript with all corrections.