PEER-REVIEW REPORT

Name of journal: Artificial Intelligence in Gastroenterology

Manuscript NO: 74506

Title: Gastrointestinal Disorders in Children with Autism: Could Artificial Intelligence Help?

Provenance and peer review: Invited manuscript; externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 04025443

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Doctor, Senior Researcher

Reviewer’s Country/Territory: Russia

Author’s Country/Territory: Egypt

Manuscript submission date: 2021-12-26

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-01-09 07:31

Reviewer performed review: 2022-01-09 13:26

Review time: 5 Hours

<table>
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<th>Scientific quality</th>
<th>Grade A: Excellent</th>
<th>Grade B: Very good</th>
<th>Grade C: Good</th>
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<th>Language quality</th>
<th>Grade A: Priority publishing</th>
<th>Grade B: Minor language polishing</th>
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<th>Conclusion</th>
<th>Accept (High priority)</th>
<th>Accept (General priority)</th>
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<th>Re-review</th>
<th>Yes</th>
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SPECIFIC COMMENTS TO AUTHORS

Dear author! I read with pleasure and interest your paper entitled "Gastrointestinal Disorders in Children with Autism: Could Artificial Intelligence Help?". This rather a narrative review, than an Editorial. However, it is well-written, structured and comprehensive and reflects current state of artificial intelligence use in diagnosis and treatment of gastrointestinal manifestations in the mentioned group of patients. I see no major flaws. There are only some minor ones. Please, check the correctness of "IA" (instead of AI; page 11), "reboots" (instead of robots, probably; page 12), "GERS-related symptoms" (GER- or GERD-related, probably; page 13). These typos don't diminish the scientific quality of the paper. I suppose it would be interesting to the readers. Congratulations with the great job done!
PEER-REVIEW REPORT

Name of journal: Artificial Intelligence in Gastroenterology

Manuscript NO: 74506

Title: Gastrointestinal Disorders in Children with Autism: Could Artificial Intelligence Help?

Provenance and peer review: Invited manuscript; externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 05794122

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Consultant Physician-Scientist

Reviewer’s Country/Territory: China

Author’s Country/Territory: Egypt

Manuscript submission date: 2021-12-26

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-01-29 11:41

Reviewer performed review: 2022-02-01 15:01

Review time: 3 Days and 3 Hours

Scientific quality

[ ] Grade A: Excellent  [ ] Grade B: Very good  [ ] Grade C: Good
[ ] Grade D: Fair  [ ] Grade E: Do not publish

Language quality

[ ] Grade A: Priority publishing  [ ] Grade B: Minor language polishing
[ ] Grade C: A great deal of language polishing  [ ] Grade D: Rejection

Conclusion

[ ] Accept (High priority)  [ ] Accept (General priority)
[ ] Minor revision  [ ] Major revision  [ ] Rejection

Re-review

[ ] Yes  [ ] No
SPECIFIC COMMENTS TO AUTHORS
It would be inspiring if Artificial intelligence (AI) could help diagnose and manage autism. It is challenging to “understand” the autistic child’s behaviours. Therefore, the diagnosis of autism is subjective and personalized. Those are the challenges for AI in treating digestive diseases, especially in children with autism. The author described the benefits of AI in the treatments of autism and gastrointestinal disorders, respectively. It would be very nice if the authors focused on the benefits of AI technology on the specific link between autism and gastrointestinal disorders.