

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 56807

**Title:** A comparative study between bowel ultrasound and magnetic resonance enterography among Egyptian inflammatory bowel disease patients

**Reviewer's code:** 03733644

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Attending Doctor

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** Egypt

**Manuscript submission date:** 2020-05-28

**Reviewer chosen by:** Jia-Ping Yan

**Reviewer accepted review:** 2020-06-11 04:24

**Reviewer performed review:** 2020-06-18 06:08

**Review time:** 7 Days and 1 Hour

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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#### **SPECIFIC COMMENTS TO AUTHORS**

"A comparative study between bowel ultrasound and magnetic resonance enterography among Egyptian inflammatory bowel disease patients", written by Shimaa Y Kamel, et al. This is a very interesting work. There are some points should be noticed. 1. references 30,31,32 in the manuscript were not listed as WJG required. 2. It is better to show the picture of colonoscopy, since it was done. 3. For the picture of intestinal ultrasound, I suggested that the arrowed should be added to show the lesion regions. 4. For bowel ultrasound and MRE, I think not abscess and fistula were observed. Please also display other type of lesions, such as Cobble stone, stenosis.

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 56807

**Title:** A comparative study between bowel ultrasound and magnetic resonance enterography among Egyptian inflammatory bowel disease patients

**Reviewer's code:** 02916655

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Chief Doctor

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** Egypt

**Manuscript submission date:** 2020-05-28

**Reviewer chosen by:** Jia-Ping Yan

**Reviewer accepted review:** 2020-06-20 15:01

**Reviewer performed review:** 2020-06-21 02:12

**Review time:** 11 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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#### **SPECIFIC COMMENTS TO AUTHORS**

This article is an observational study and has some clinical significance for the evaluation of the therapeutic effect of inflammatory bowel disease. However, the current diagnosis of inflammatory bowel disease still requires pathology, so ultrasound and magnetic resonance can be used as follow-up tools. But I think there are still some shortcomings in the article: 1. Imaging diagnosis needs to mention whether the diagnosing doctor knows the diagnosis of the patient, otherwise there will be deviations; 2. The sample size of this study is only 40, I think the sample size is relatively small, insufficient In order to explain all the problems, it is conditionally recommended to increase the sample size, which also leads to whether the conclusions drawn by the author are reliable; 3. The discussion in the paper is simply to list the data of the results. I think more theory is needed to support it, otherwise It seems that the content of the article is very thin;

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 56807

**Title:** A comparative study between bowel ultrasound and magnetic resonance enterography among Egyptian inflammatory bowel disease patients

**Reviewer's code:** 05112862

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** Japan

**Author's Country/Territory:** Egypt

**Manuscript submission date:** 2020-05-28

**Reviewer chosen by:** Jia-Ping Yan

**Reviewer accepted review:** 2020-06-21 02:11

**Reviewer performed review:** 2020-06-21 04:43

**Review time:** 2 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

#### **SPECIFIC COMMENTS TO AUTHORS**

Thank you for the opportunity to review this manuscript. The authors reported the diagnostic usefulness of ultrasonography for assessing the activity of inflammatory bowel disease compared to MRE and colonoscopy. The manuscript is well written and the observational study summarizes the key findings. However, additional descriptions are needed before acceptance. Major concern: Can the authors show the AUC and likelihood ratios for disease activity index evaluated by ultrasonography in 26 patients with Crohn's disease compared to those by MRE and colonoscopy? Minor concerns: Please mention the healthcare cost saved by ultrasound imaging used in place of MRE or colonoscopy and the availability of MRE and endoscope among African countries in the Discussion section. Were the timing and the order of imaging studies of ultrasonography, MRE, and colonoscopy same in each patient? The authors should add the description about the usefulness of ultrasonography for screening examination before performing MRE and colonoscopy as a follow-up imaging study in the conclusion.

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 56807

**Title:** A comparative study between bowel ultrasound and magnetic resonance enterography among Egyptian inflammatory bowel disease patients

**Reviewer's code:** 04046744

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** Egypt

**Manuscript submission date:** 2020-05-28

**Reviewer chosen by:** Jia-Ping Yan

**Reviewer accepted review:** 2020-06-24 11:35

**Reviewer performed review:** 2020-06-24 13:50

**Review time:** 2 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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#### **SPECIFIC COMMENTS TO AUTHORS**

This study has some clinical significance, but there are some problems: 1. The total number of cases is small, including ulcerative colitis and Crohn's disease, and the number of cases of a single disease is less. Therefore, the conclusion is not necessarily reliable, because the number of cases is too small. It is suggested to increase the number of cases 2. It is suggested to increase the analysis of correlation between clinical and imaging indexes. There are some superficial conclusions at present



## RE-REVIEW REPORT OF REVISED MANUSCRIPT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 56807

**Title:** A comparative study between bowel ultrasound and magnetic resonance enterography among Egyptian inflammatory bowel disease patients

**Reviewer's code:** 05112862

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** Japan

**Author's Country/Territory:** Egypt

**Manuscript submission date:** 2020-05-28

**Reviewer chosen by:** Jia-Ping Yan

**Reviewer accepted review:** 2020-08-13 08:19

**Reviewer performed review:** 2020-08-13 08:30

**Review time:** 1 Hour

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

## SPECIFIC COMMENTS TO AUTHORS



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Authors properly answer all questions. The manuscript has been improved.