

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Gastrointestinal Surgery*

**Manuscript NO:** 68310

**Title:** Acute Appendicitis – Advances & Controversies

**Reviewer's code:** 05402068

**Position:** Peer Reviewer

**Academic degree:** MD, MSc

**Professional title:** Doctor

**Reviewer's Country/Territory:** United States

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

**Manuscript submission date:** 2021-05-18

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-05-20 02:25

**Reviewer performed review:** 2021-05-20 02:30

**Review time:** 1 Hour

<b>Scientific quality</b>	<input checked="" type="checkbox"/> Grade A: Excellent <input 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 Grade E: Do not publish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 checked="" type="checkbox"/> Grade A: Priority publishing <input 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>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

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

It should be accepted for publication.

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Gastrointestinal Surgery*

**Manuscript NO:** 68310

**Title:** Acute Appendicitis – Advances & Controversies

**Reviewer's code:** 05130622

**Position:** Peer Reviewer

**Academic degree:** MBBS

**Professional title:** Doctor

**Reviewer's Country/Territory:** United Kingdom

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

**Manuscript submission date:** 2021-05-18

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-05-19 13:05

**Reviewer performed review:** 2021-05-28 13:06

**Review time:** 9 Days

<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 type="checkbox"/> Major revision <input checked="" 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



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## **SPECIFIC COMMENTS TO AUTHORS**

The title, abstract and key words clearly match the goal of the manuscript. The authors mention 'contact less' diagnosis within the core tip paragraph. Whilst I understand the essence of the statement, I would advise caution with this remark. This implies to a reader that the authors are suggesting that patients could undergo an imaging modality prior to being examined by a competent medical practitioner. Methods - who screened the manuscripts? Scoring systems - this section seems unnecessarily word heavy with a large amount of statistics being presented within the paragraphs. This section would be better served by describing each of the scoring systems and then presenting the specificity/sensitivity values within a table. It is too easy for a reader to lose interest when reading a long list of statistics within a paragraph. I feel that an additional paragraph is required regarding the significant differences in practice surrounding the use of imaging for appendicitis throughout the world. For example, within the UK, CT scans are rarely used for the diagnosis in the under 50 population. I acknowledge that the authors did state 'CT scan may be a more appropriate first-line investigation in overweight or elderly patients'. The authors state that MRI is used as a first line modality in children for the diagnosis of acute appendicitis. This should be referenced. It should also be expanded on the logistical issues regarding MRI scans, particularly out of hours. This should include the challenges of performing MRI scans on younger children with regards to staying still and claustrophobia. The management section is very similar in that it is a long list of statistics from other studies. Whilst I understand the reason for this, it makes this overall paper difficult to read. The overall impression of this manuscript is one that has been well written and well researched. However, I feel that a narrative review should offer more than paragraph after paragraph of listed statistics. The authors would be well placed to narrate more around the issues, rather than list the statistical values (these can easily be placed in tables). This paper feels far



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too long and would have been better placed as 2 or 3 separate review articles.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

**Name of journal:** *World Journal of Gastrointestinal Surgery*

**Manuscript NO:** 68310

**Title:** Acute Appendicitis – Advances & Controversies

**Reviewer's code:** 05130622

**Position:** Peer Reviewer

**Academic degree:** MBBS

**Professional title:** Doctor

**Reviewer's Country/Territory:** United Kingdom

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

**Manuscript submission date:** 2021-05-18

**Reviewer chosen by:** Jia-Ru Fan

**Reviewer accepted review:** 2021-07-27 09:17

**Reviewer performed review:** 2021-07-27 09:20

**Review time:** 1 Hour

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

## SPECIFIC COMMENTS TO AUTHORS

I would like to congratulate the authors on the changes made. I feel that the manuscript



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has been significantly improved and will be a useful addition to the literature. Well done!