

## PEER-REVIEW REPORT

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

**Manuscript NO:** 62256

**Title:** Acute Pancreatitis and COVID-19: a Literature Review

**Reviewer's code:** 00070310

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Doctor

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

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

**Manuscript submission date:** 2021-01-10

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

**Reviewer accepted review:** 2021-01-12 01:18

**Reviewer performed review:** 2021-01-14 00:41

**Review time:** 1 Day and 23 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 Grade E: Do not publish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



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

This manuscript has reviewed acute pancreatitis by COVID-19. This issue is important and interesting. However, it will require some revision before publication. 1, Both severe acute pancreatitis and COVID-19 infection often show a cytokine storm, and COVID-19 may affect the severity of acute pancreatitis. However, how do the authors differentiate severe acute pancreatitis caused by COVID-19 from severe acute pancreatitis with COVID-19?

## PEER-REVIEW REPORT

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

**Manuscript NO:** 62256

**Title:** Acute Pancreatitis and COVID-19: a Literature Review

**Reviewer's code:** 03000574

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Associate Professor

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

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

**Manuscript submission date:** 2021-01-10

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

**Reviewer accepted review:** 2021-01-13 13:33

**Reviewer performed review:** 2021-01-22 13:46

**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 checked="" 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



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<https://www.wjgnet.com>

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

1.Minor comment,"SARS-CoV2"should be "SARS-CoV-2". 2.Authors conducted an in-depth analysis on the mechanisms of pancreatic injury by SARS-CoV-2 and reviewed published cases of AP in COVID-19 patients.Please state the treatment of AP in COVID-19 patients. 3.Please state the prognosis of patients with AP in COVID-19.

## PEER-REVIEW REPORT

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

**Manuscript NO:** 62256

**Title:** Acute Pancreatitis and COVID-19: a Literature Review

**Reviewer's code:** 05067806

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Academic Research, Doctor, Surgeon, Surgical Oncologist

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

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

**Manuscript submission date:** 2021-01-10

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

**Reviewer accepted review:** 2021-01-12 21:12

**Reviewer performed review:** 2021-01-24 15:02

**Review time:** 11 Days and 17 Hours

<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 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 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**

The authors present a manuscript overlooking correlations of acute pancreatitis with new coronavirus infection and literature available on the matter. Overall, it is a good article, well structured and easy to read. Mechanism of potential impact of coronavirus on pancreatic cells are described in detail, however, a schematic figure depicting these mechanisms would be welcome; please consider the latter and add it to the manuscript. Analysis of available case reports has been thorough and they have critically evaluated the results. It is good that no conclusions in favor of direct connection with AP have been drawn as no such correlations have been proven thus far.

## PEER-REVIEW REPORT

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

**Manuscript NO:** 62256

**Title:** Acute Pancreatitis and COVID-19: a Literature Review

**Reviewer's code:** 05123031

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Associate Professor

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

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

**Manuscript submission date:** 2021-01-10

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

**Reviewer accepted review:** 2021-01-11 02:05

**Reviewer performed review:** 2021-01-28 10:05

**Review time:** 17 Days and 8 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 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 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 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**

Manuscript Number: 62256 Title: Acute Pancreatitis and COVID-19: a Literature Review The authors summarize the current knowledge on mechanisms of pancreatic injury by SARS-CoV2 and conducted a review of all published cases of AP in COVID-19 patients. The authors aim to clarify the relation between the ongoing pandemic and AP cases. Faced with the severe development trend of coronavirus disease 2019 pneumonia in the world, it is indeed necessary for us to deeply study various complications caused by COVID-19 in infected patients. The authors pay timely attention to the possible effects of COVID-19 on acute pancreatitis, as well as aspects that need to be considered in the management of infected patients. However, the authors conclude that there is currently insufficient evidence to suggest that COVID-19 causes acute pancreatitis or negatively affects prognosis. If it is the case, should the authors also study or focus on other related pancreatic diseases, such as diabetes, chronic pancreatitis, pancreatic cyst? For example, after the patient is cured of the virus infection, whether the patient will appear pancreas-related sequelae, such as diabetes, chronic pancreatitis, pancreatic cyst? Overall, I think this is an interesting study with positive implications for the treatment of clinical COVID-19-related diseases. The manuscript can be accepted and published in World Journal of Gastrointestinal Surgery after major revision.



## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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

**Manuscript NO:** 62256

**Title:** Acute Pancreatitis and COVID-19: a Literature Review

**Reviewer's code:** 05123031

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Associate Professor

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

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

**Manuscript submission date:** 2021-01-10

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

**Reviewer accepted review:** 2021-03-01 03:05

**Reviewer performed review:** 2021-03-01 05:59

**Review time:** 2 Hours

<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 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>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

The author has revised the manuscript and mentioned that it is marked in pink.



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However, I did not find the pink highlighted revisions in the revised manuscript. Please note and mark in detail.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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

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**Title:** Acute Pancreatitis and COVID-19: a Literature Review

**Reviewer's code:** 00070310

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Doctor

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

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

**Manuscript submission date:** 2021-01-10

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

**Reviewer accepted review:** 2021-03-01 05:24

**Reviewer performed review:** 2021-03-02 01:17

**Review time:** 19 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 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>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

This manuscript has reviewed acute pancreatitis by COVID-19. This issue is interesting,



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**https://**[www.wjgnet.com](http://www.wjgnet.com)

and this manuscript has been well revised and acceptable for publication.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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

**Manuscript NO:** 62256

**Title:** Acute Pancreatitis and COVID-19: a Literature Review

**Reviewer's code:** 05067806

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Academic Research, Doctor, Surgeon, Surgical Oncologist

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

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

**Manuscript submission date:** 2021-01-10

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

**Reviewer accepted review:** 2021-03-02 09:39

**Reviewer performed review:** 2021-03-02 12:52

**Review time:** 3 Hours

<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 checked="" type="radio"/> ] Accept (High priority) [ <input 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

Regarding the specific comments of all four reviewers, I believe they have been



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**https://**[www.wjgnet.com](http://www.wjgnet.com)

adequately addressed and the manuscript appropriately revised. The manuscript is now ready for publication and in case this indeed happens, I would like to congratulate the authors in advance.