



## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 56551

**Title:** Meta-analysis reveals an association between acute pancreatitis and the risk of pancreatic cancer

**Reviewer's code:** 00069819

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Associate Professor, Doctor

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

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

**Manuscript submission date:** 2020-05-06

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

**Reviewer accepted review:** 2020-06-07 19:25

**Reviewer performed review:** 2020-06-07 19:41

**Review time:** 1 Hour

<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 Grade E: Do not publish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 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**

In this metaanalysis the authors report their results of a metanalysis of 12 studies concerning the putative association between acute pancreatitis and pancreatic cancer. Although the article is fairly written, I believe that there is insufficient evidence of such a relationship. Therefore, I doubt that this study will be substantiated by future studies.



## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 56551

**Title:** Meta-analysis reveals an association between acute pancreatitis and the risk of pancreatic cancer

**Reviewer's code:** 01221925

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Associate Professor

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

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

**Manuscript submission date:** 2020-05-06

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

**Reviewer accepted review:** 2020-06-07 08:27

**Reviewer performed review:** 2020-06-09 06:43

**Review time:** 1 Day and 22 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 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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#### **SPECIFIC COMMENTS TO AUTHORS**

This is an interesting paper evaluating the relationship between acute pancreatitis and pancreatic CA. Could the authors please respond to the following questions/comments:

1) How do the authors differentiate between acute pancreatitis that could appear in combination with pancreatic cancer vs. the acute pancreatitis that could be a causative factor for pancreatic cancer? 2) What do the authors mean by “paying more attention to the relationship between AP and PC”, meaning do they suggest a specific follow-up for patients who have acute pancreatitis, what type, how often etc 3) The authors should discuss the limitations of the study 4) Could the authors elaborate on a possible mechanism explaining their finding of acute pancreatitis having a relation with pancreatic cancer and more so in the first year?



## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 56551

**Title:** Meta-analysis reveals an association between acute pancreatitis and the risk of pancreatic cancer

**Reviewer's code:** 01557050

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Professor

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

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

**Manuscript submission date:** 2020-05-06

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

**Reviewer accepted review:** 2020-06-07 03:18

**Reviewer performed review:** 2020-06-09 09:56

**Review time:** 2 Days and 6 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 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**

1) General comments Dr. Liu, Wang and Yu investigated 'Meta-analysis reveals an association between acute pancreatitis and the risk of pancreatic cancer'. The article is informative and well presented. The reviewer has some comments. The causes of AP are alcohol, stones, obesity, autoimmunity, and so on. AP might not be a direct cause of PC risk. The authors should determine the definition of AP, this study should be more clarified the association between AP and PC risk. The occurrence of AP might be an opportunity to find out PC, the authors should select articles more carefully. The reviewer thinks that this kind of article should be re-submitted as a review rather than meta-analysis.



## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 56551

**Title:** Meta-analysis reveals an association between acute pancreatitis and the risk of pancreatic cancer

**Reviewer's code:** 02549032

**Position:** Editorial Board

**Academic degree:** FEBG, MD

**Professional title:** Associate Specialist, Doctor

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

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

**Manuscript submission date:** 2020-05-06

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

**Reviewer accepted review:** 2020-06-07 11:05

**Reviewer performed review:** 2020-06-12 10:30

**Review time:** 4 Days and 23 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 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 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 is a metaanalysis on <<relation of AP to Pancreatic cancer>>. The authors finally reported on 11 full articles and concluded that:<<Overall, AP is associated with risk of PC and that the association between AP and PC risk diminished after 1 year follow-up and diminishes with long-term follow-up>>. The study is interesting for publication. Some major issues: 1. It is well-known, that pancreatic cancer (PC) initially may present with symptomatology similar to mild acute pancreatitis (AP) and may be falsely diagnosed as AP initially. This metaanalysis prove this knowledge. It is a statistical finding and cannot prove the cause-relation between AP and PC. So many cases were misdiagnosed as AP while they were initially PC. That is probably why the relation diminished after 1 year of diagnosis. 2. So the clinical significance of this metaanalysis is not so clear. Is AP risk factor for PC or this relation is through other reasons? Such a comment is important in the discussion. 3. Data is too old (majority up to 2000 and only one study up to 2013).



## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 56551

**Title:** Meta-analysis reveals an association between acute pancreatitis and the risk of pancreatic cancer

**Reviewer's code:** 00050849

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Doctor

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

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

**Manuscript submission date:** 2020-05-06

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

**Reviewer accepted review:** 2020-06-08 15:06

**Reviewer performed review:** 2020-06-15 16:26

**Review time:** 7 Days and 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 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 is a metaanalysis revealing an association between acute pancreatitis and pancreatic cancer by Jie Liu et al. I do not have major concerns about this metaanalysis than some misspells and few sentences that their meanings have to be improved. Furthermore, the weak point of the present metaanalysis is that it mainly confirms previous similar published results by including more studies. Misspells, some examples are presented: Page 3, Data extraction, after the word reviewers space Is missing, the word items is misspelled. Were (excess of space) settled. Page 4, "Furthermore" needs a comma after. Before the word "unqualified" there is an excess space Page 5, case control studies. Cohort instead of scohort. An association Page 6. It failed to reveal and not reveals. Case control studies instead of researchs (it is misspelled). Excess space before Goldacre. 9 times higher and then space. "Generally it takes decades..... AP diagnosis" (this meaning has to be improved).



## RE-REVIEW REPORT OF REVISED MANUSCRIPT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 56551

**Title:** Meta-analysis reveals an association between acute pancreatitis and the risk of pancreatic cancer

**Reviewer's code:** 00050849

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Doctor

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

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

**Manuscript submission date:** 2020-05-06

**Reviewer chosen by:** Ze-Mao Gong

**Reviewer accepted review:** 2020-07-28 04:20

**Reviewer performed review:** 2020-07-28 04:29

**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 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



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The authors made substantial changes and the manuscript can be accepted for publication.