



PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 52932

Title: Results of Meta-analysis should be treated critically

Reviewer's code: 00039316

Position: Editorial Board

Academic degree: FEBG, MD, PhD

Professional title: Associate Professor

Reviewer's country: Greece

Author's country: China

Reviewer chosen by: Jin-Zhou Tang

Reviewer accepted review: 2019-12-07 19:16

Reviewer performed review: 2019-12-07 19:31

Review time: 1 Hour

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input checked="" type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Thank you for identifying critical issues of meta-analysis. This issue of interpreting



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heterogeneity analysis results is crucial. Neither Q nor I² tests are explanatory. For example, we cannot estimate how much difference is between I²=14% and I²=57% or 61%. Automate calculation of I² 95% CIs is not available and the calculation is cumbersome. For conservative estimations, a priori use of random effects model analysis can be recommended. Please clarify what is the difference between the 2 analysis presented in the letter

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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- Duplicate publication
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- No

BPG Search:

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- Duplicate publication
- Plagiarism
- No



PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 52932

Title: Results of Meta-analysis should be treated critically

Reviewer's code: 00505440

Position: Editorial Board

Academic degree: MBBS, MD, PhD

Professional title: Doctor, Senior Lecturer

Reviewer's country: Australia

Author's country: China

Reviewer chosen by: Jin-Zhou Tang

Reviewer accepted review: 2019-12-07 23:11

Reviewer performed review: 2019-12-10 00:44

Review time: 2 Days and 1 Hour

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

I do not understand the relevance of this Letter. The bigger question is, "In whom does



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the risk of Hepatic Encephalopathy increase with the use of PPIs?" Millions of patients are prescribed and are on PPIs everyday. However, in my 16 years as a Hepato-pancreato-biliary and liver transplant surgeon, I have never encountered a case of Hepatic encephalopathy due to a PPI! Thus, while it is fair to point out the errors of the study by Ma et al., the clinical relevance of that meta-analysis and this letter need to be questioned.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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BPG Search:

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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 52932

Title: Results of Meta-analysis should be treated critically

Reviewer's code: 00057983

Position: Editorial Board

Academic degree: MD

Professional title: Associate Professor, Attending Doctor, Surgeon

Reviewer's country: Taiwan

Author's country: China

Reviewer chosen by: Jin-Zhou Tang

Reviewer accepted review: 2019-12-07 20:20

Reviewer performed review: 2019-12-14 15:07

Review time: 6 Days and 18 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	<input type="checkbox"/> Accept	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	<input type="checkbox"/> Minor revision	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	<input type="checkbox"/> Grade C: A great deal of	<input type="checkbox"/> Major revision	topic of the manuscript:
<input type="checkbox"/> Grade E: Do not	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Rejection	<input type="checkbox"/> Advanced
<input type="checkbox"/> publish			<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

I have the following comment. 1. Please mark the abbreviation of the words at the



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beginning of the text, e.g., proton pump inhibitors (PPI), hepatic encephalopathy (HE).

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BPG Search:

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