

PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 39061

Title: Associations between nonalcoholic fatty liver disease and ischemic stroke

Reviewer's code: 00199807

Reviewer's country: Turkey

Science editor: Ze-Mao Gong

Date sent for review: 2018-03-28

Date reviewed: 2018-03-29

Review time: 21 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 checked="" type="checkbox"/> Grade B: Very good	<input checked="" 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 type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" 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

Dear Editor, I reviewed the minireview titled "Associations between nonalcoholic fatty liver disease and ischemic stroke". I think this article can be accepted after major changes. My comments are: 1. A table which contain the results of main studies should be added for clear description of the topic. 2. A figure that include possible mechanisms

(atherosclerosis, lipid disturbances etc) between NAFLD and stroke can be added. 3. A recently published references should be added: a. Alexander KS, Zakai NA, Lidofsky SD, Callas PW, Judd SE, Tracy RP, Cushman M. Non-alcoholic fatty liver disease, liver biomarkers and stroke risk: The Reasons for Geographic and Racial Differences in Stroke cohort. PLoS One. 2018 Mar 12;13(3):e0194153. doi: 10.1371/journal.pone.0194153. eCollection 2018. b. Kwak MS, Kim KW, Seo H, Chung GE, Yim JY, Kim D. Non-obese fatty liver disease is associated with lacunar infarct. Liver Int 2017 Dec 8. doi: 10.1111/liv.13663. [Epub ahead of print] 4. More sentences are needed about the mechanistic relationship between gGT and atherosclerosis and also stroke (gGT activity in plaques etc).

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No

PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 39061

Title: Associations between nonalcoholic fatty liver disease and ischemic stroke

Reviewer's code: 02447901

Reviewer's country: Taiwan

Science editor: Ze-Mao Gong

Date sent for review: 2018-03-28

Date reviewed: 2018-03-30

Review time: 2 Days

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 checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input checked="" type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
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			<input type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

In this manuscript, the authors made a brief review association between nonalcoholic fatty liver disease and ischemic stroke. The incidence and severity/outcome were items of focuses. Review comments were as follows. 1. The paragraph in the Abstract briefly described phenomena between nonalcoholic fatty liver disease and ischemic stroke. A



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conclusion statement is needed at the end of this paragraph. 2. The abbreviations should be defined. 3. Observations of nonalcoholic fatty liver disease and ischemic stroke prevalence and severity showed variable association. Since nonalcoholic fatty liver disease was characterized by several changes, including metabolic abnormality, steatosis, dyslipidemia, inflammation, NASH, and fibrosis, different parameters might have distinct impacts to the association study. A discussion is suggested. 4. The description and comparison of relevant references should be reorganized and categorized. The writing of current version was of difficulty in clearly reading.

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PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 39061

Title: Associations between nonalcoholic fatty liver disease and ischemic stroke

Reviewer's code: 03730829

Reviewer's country: Egypt

Science editor: Ze-Mao Gong

Date sent for review: 2018-03-28

Date reviewed: 2018-03-30

Review time: 2 Days

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SPECIFIC COMMENTS TO AUTHORS

The manuscript is acceptable and fits into the mission of the journal. I recommend it for publication in your respectable journal. This is an interesting review article and summarizes the current knowledge regarding the relationship between NAFLD and ischemic stroke incidence, severity and outcome.



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