



PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 48517

Title: Gastric Food Retention at Endoscopy is Predicted by Severity of Liver Cirrhosis

Reviewer's code: 03488192

Position: Editorial Board

Academic degree: MD, MSc, PhD

Professional title: Doctor, Full Professor, Professor

Reviewer's country: Mexico

Author's country: United States

Reviewer chosen by: Li-Jun Cui (Quit in 2019)

Reviewer accepted review: 2019-05-16 18:20

Reviewer performed review: 2019-05-24 21:17

Review time: 8 Days and 2 Hours

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 type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" 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 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

Title.- Although the statistical tests show there is a significant OR for food retention



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assuming that the DGE is a valid test for studying gastric emptying with a reasonably high specificity there are some other factors like those associated with insulin resistance that were not studied but could be related as well because there is also a significant association with diabetes (table 3). The Child-Pugh classification includes several parameters that have been studied as factors associated with gastric retention and it is difficult to demonstrate associations with each individual factor or resulting in mixed results as expressed by the authors. For those reasons I suggest that the title should read "Gastric Food Retention at Endoscopy is associated with the Severity of Liver Cirrhosis" Results.- Authors do not report the presence of pyloric stenosis, which should have been included in the EGD report, and should mention whether it was reported in all the cases included. Discussion.-The authors have cited most of the important previous studies on delayed gastric emptying (DGE) in cirrhotic patients. In reference No. 17, Kalaitzakis et al. report that DGE is associated with insulin resistance which is characterized by hyperglycemia, hyperinsulinemia and hypoghrelinemia. It is noteworthy that the authors do not mention that in the discussion when it could be suspected that their results could agree or support that conclusion. In another of the references cited, No. 13, Chang et al. reports that DGE is associated with patients degree of Child Pugh's classification with higher prevalence in patients with Child-P C degree. The results with different type of analysis are in the same direction and that should be part of the discussion. From the list of references and some other not included like Kao et al. (Nuclear Medicine 1996), Kaohslung et al. (J Med Sci 1996) it is clear that the phrase "...one of the first studies to investigate risk factors ..." in the first line 3rd paragraph of the discussion should be excluded.

INITIAL REVIEW OF THE MANUSCRIPT

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PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 48517

Title: Gastric Food Retention at Endoscopy is Predicted by Severity of Liver Cirrhosis

Reviewer's code: 00503773

Position: Editorial Board

Academic degree: MD

Professional title: Associate Professor, Doctor

Reviewer's country: Turkey

Author's country: United States

Reviewer chosen by: Li-Jun Cui (Quit in 2019)

Reviewer accepted review: 2019-06-17 06:29

Reviewer performed review: 2019-06-18 08:19

Review time: 1 Day 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 checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input checked="" 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 checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
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SPECIFIC COMMENTS TO AUTHORS

I read the manuscript named " Gastric Food Retention at Endoscopy is Predicted by



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Severity of Liver Cirrhosis". (Manuscript NO: 48517) and my recommendations are as follows. Title: It accurately reflects the major topic and contents of the study. Abstract: Adequate, summarizing the topic. Discussion: Topics has been discussed with all aspects. Tables are reflects the major findings of the study, and they are appropriately presented. References are appropriate, relevant, and updated. This manuscript was well-written and documented. I think that this manuscript is suitable and worth to be published in the World Journal of Hepatology.

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PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 48517

Title: Gastric Food Retention at Endoscopy is Predicted by Severity of Liver Cirrhosis

Reviewer's code: 00039368

Position: Editorial Board

Academic degree: DA, PhD

Professional title: Academic Research

Reviewer's country: Estonia

Author's country: United States

Reviewer chosen by: Li-Jun Cui (Quit in 2019)

Reviewer accepted review: 2019-06-17 09:14

Reviewer performed review: 2019-06-18 11:45

Review time: 1 Day and 2 Hours

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:
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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:
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SPECIFIC COMMENTS TO AUTHORS

This is well designed, performed and written retrospective case-control study for the



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evaluation of relative frequency of delayed gastric emptying among patients with liver cirrhosis and identification of associated factors. The authors investigated a remarkable amount of persons: altogether 364 patients with confirmed cirrhosis and 519 controls patients without liver disease. The authors give a sufficiently clear overview about the study background and raised clearly the aim of the study, which is fulfilled. The statistical analysis was specified sufficiently well. The material studied is large enough and allows to draw the conclusions. The Results are presented clearly. The paper is supplied with 3 Tables and one Figure which give very good overview about the results and are presented very clearly and correctly. The authors found that cirrhosis predispose to higher frequency of retained food at esophagogastroduodenoscopy. Additionally, decompensated cirrhosis, also age younger than 60, diabetes mellitus, use of opioids, thrombocytopenia considered to be associated with a higher probability of delayed gastric emptying. The following point need to be considered: 1. In Discussion it should more discussed and explained the result considered association of gastric retention with age younger than 60 years. How do you explain this fact?

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[] Plagiarism

[Y] No



PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 48517

Title: Gastric Food Retention at Endoscopy is Predicted by Severity of Liver Cirrhosis

Reviewer's code: 03262874

Position: Editorial Board

Academic degree: FACG, FASGE, MD, MRCP

Professional title: Assistant Professor

Reviewer's country: United States

Author's country: United States

Reviewer chosen by: Li-Jun Cui (Quit in 2019)

Reviewer accepted review: 2019-06-17 05:32

Reviewer performed review: 2019-06-19 04:56

Review time: 1 Day and 23 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:
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			<input type="checkbox"/> No expertise
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SPECIFIC COMMENTS TO AUTHORS

This is a well written manuscript. The methods are good especially with eliminating the



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confounding factors. Although, it is intuitive, demonstrating that cirrhosis is associated with gastroparesis is good.

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