



PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 72259

Title: Clinical implications of diabetes in chronic liver disease: Diagnosis, outcomes and management, current and future perspectives

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03906428

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Russia

Author's Country/Territory: Mexico

Manuscript submission date: 2021-10-10

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-10-11 00:25

Reviewer performed review: 2021-10-15 07:15

Review time: 4 Days and 6 Hours

Scientific quality	<input checked="" type="checkbox"/> Grade A: Excellent <input 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 Grade E: Do not publish
Language quality	<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
Conclusion	<input checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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Peer-reviewer statements	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

The review “Clinical implications of diabetes in chronic liver disease: diagnosis, outcomes and management. Current and future perspectives”. The title reflects the essence of the manuscript. The abstract summarizes and reflects the work described in the manuscript. Key words reflect the essence of the manuscript. The manuscript is devoted to the problem of the comorbidity of diabetes mellitus and liver cirrhosis. At the same time, diabetes is a risk factor for the development of liver cirrhosis, and cirrhosis is a diabetogenic disease. In recent years, research has intensified on various aspects of the association of the two pathologies. However, there is still not enough data, so this review is devoted to relevant topics. The review reflects data on epidemiology, pathophysiology, NAFLD and DM, HCV and DM, clinical manifestations of DM in LC, hepatogenous diabetes, complications, and management of DM in LC: lifestyle, diet, non-insulin agents, etc. At the end, it is concluded that based on the arguments presented in this review, it is time to classify LC-associated DM into T2DM and HD in order to standardize clinical research studies, which will make it possible to evaluate separately their impact on outcomes of LC patients. It is also urgent to determine standardized therapeutic guidelines for these vulnerable patients. Moreover, difficult and difficult patients should be treated by a multidisciplinary team. The article analyzes data from 117 authoritative sources, the review is well illustrated - 3 figures and 5 tables. The manuscript is presented coherently, concisely; style and language are clear and accessible. Conclusion. Due to the high relevance of the presented review, well-written material, clarity of style and clearness of the data, this review can be recommended for publication without changes.



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Title: Clinical implications of diabetes in chronic liver disease: Diagnosis, outcomes and management, current and future perspectives

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02842879

Position: Editorial Board

Academic degree: PhD

Professional title: Assistant Professor, Chief Doctor, Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Mexico

Manuscript submission date: 2021-10-10

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-10-10 18:56

Reviewer performed review: 2021-10-18 12:51

Review time: 7 Days and 17 Hours

Scientific quality	<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
Language quality	<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
Conclusion	<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
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SPECIFIC COMMENTS TO AUTHORS

The review was well organized and written, especially the the current treatment measures and procedures were better summarized. If the author can enhance some related literature in 2021, the paper will be more ideal. 1) Hepatogenous diabetes: Diabetes is associated with poor short-term prognosis in patients with hepatitis B virus-related acute-on-chronic liver failure. *Hepatol Int.* 2021 Oct;15(5):1093-1102. 2) Mechanism: Is insulin the preferred treatment in persons with type 2 diabetes and liver cirrhosis? *BMC Gastroenterol.* 2021 Jun 12;21(1):263. Over time evaluation of glycaemic control in direct-acting antiviral-treated hepatitis C virus/diabetic individuals with chronic hepatitis or with cirrhosis. *Liver Int.* 2021 Sep;41(9):2059-2067. Dipeptidyl peptidase-4 inhibitors may accelerate cirrhosis decompensation in patients with diabetes and liver cirrhosis: a nationwide population-based cohort study in Taiwan. *Hepatol Int.* 2021 Feb;15(1):179-190 3) Treatment: Management of diabetes mellitus in patients with cirrhosis: An overview and joint statement. *Diabetes Metab.* 2021 Aug 4;47(5):101272. 4) Diagnosis--liver stiffness: Advanced Liver Fibrosis Is Common in Patients With Type 2 Diabetes Followed in the Outpatient Setting: The Need for Systematic Screening. *Diabetes Care.* 2021 Feb;44(2):399-406. High Prevalence of Advanced Liver Fibrosis Assessed by Transient Elastography Among U.S. Adults With Type 2 Diabetes. *Diabetes Care.* 2021 Feb;44(2):519-525.