

ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 6467

Title: Nonalcoholic fatty liver disease: Updates in noninvasive diagnosis and correlation with cardiovascular disease

Reviewer code: 00006071

Science editor: Cui, Xue-Mei

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CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[] Grade A (Excellent)	[] Grade A: Priority Publishing	Google Search:	[Y] Accept
[Y] Grade B (Very good)	[Y] Grade B: minor language polishing	[] Existed	[] High priority for publication
[] Grade C (Good)	[] Grade C: a great deal of language polishing	[] No records	[] Rejection
[] Grade D (Fair)	[] Grade D: rejected	[] Existed	[] Minor revision
[] Grade E (Poor)		[] No records	[] Major revision

COMMENTS TO AUTHORS

The review manuscript by k-C Hu et al updates information about noninvasive diagnosis of NAFLD and its correlation with cardiovascular disease. The manuscript is, in general, well written, properly focused and addressing an interesting issue. Nevertheless, some minor questions should be resolved before further consideration. Major questions: . It will be very helpful for the reader not focused in analytical biochemistry to add a table or a box note including definitions for terms such as sensitivity, specificity, accuracy, AUROC, PPV, NPV, etc. and short comprehensive explanations for imaging techniques. . Possible biological mechanism underlying CVD in NAFLD . Page 21: "Hypercoagulation and hypofibrinolysis in the vessels would induce atherogenic dyslipemia....". Please, explain this sentence; the other way around seems a more plausible explanation. Minor questions: . Abstract: Please, substitute pandemicity for pandemic. . Introduction: . Page 4. The sentence "the prevalence of hepatosteatosis and NAFLD was 21.4% and 19.0% respectively". Please, rephrase this sentence, It is difficult to understand why hepatosteatosis and NAFLD prevalences differ. . Image assessment of NAFLD: . Page 14. Please, rephrase the sentence "The sensitivity and specificity of ultrasonography.....17-95%, respectively". It is difficult to understand. . Magenetic resonance-based-1H-MRS and MRE: . Page 16. "In this study, de lipid saturation indices ...", Which study? . Page 16. The sentence "The development of the MRI-.....small differences can be detected" is meaningless unless you offer a detailed explanation of the meaning of technical parameters such as Dixon phase method, T1 bias, etc. So, do it or delete the sentence. Epidemiology of CVD in NAFLD . Page 18. Please, substitute "...a concern by clinicians.." for "...a concern to clinicians..." References: Is reference 80 complete? . Page 18. Please, substitute



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“...causes over a mean 21 years.” for “...causes over a mean of 21 years”