



PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 59608

Title: Prevalence and predictors of nonalcoholic fatty liver disease in South Asian women with polycystic ovary syndrome

Reviewer's code: 03471631

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Canada

Manuscript submission date: 2020-09-20

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-09-28 18:58

Reviewer performed review: 2020-10-02 08:27

Review time: 3 Days and 13 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" 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 type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

SPECIFIC COMMENTS TO AUTHORS

Comments to the Author: This study was aimed to investigate the prevalence and predictors of NAFLD and liver fibrosis by transient elastography (TE) with associated controlled attenuation parameter (CAP) in PCOS patients from South Asia. It is an interesting study. However, several important issues should be noted and revised:

1. About study population: the subjects enrolled in this article were only "PCOS patients (mean age 36.3 years) with no significant alcohol intake or viral hepatitis". The lack of control group made the CAP and liver stiffness mentioned in the result part inaccurate. An accurate value was very important to discover the exact association between PCOS and NAFLD. So, the control group need to supplement.
2. In the study design part, it was mentioned that NAFLD was defined as CAP >288 dB/m. Significant liver fibrosis (stage 2 and higher out of 4) was defined as TE measurement >8.0 kPa. But As we all know, the values of liver fibrosis measured by transient elastography would be influenced by many factors, including liver enzyme levels and cholestasis. In this article, how to differentiate real fibrosis from elevated measured values influenced by liver enzyme and other factors?
3. There isn't any information about some important clinical characteristics such as bilirubin levels which could also affected the CAP
4. The references between 2019~2020 should be added.



PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 59608

Title: Prevalence and predictors of nonalcoholic fatty liver disease in South Asian women with polycystic ovary syndrome

Reviewer's code: 00050195

Position: Editorial Board

Academic degree: MA, MD, MSc

Professional title: Associate Professor, Senior Lecturer

Reviewer's Country/Territory: Israel

Author's Country/Territory: Canada

Manuscript submission date: 2020-09-20

Reviewer chosen by: Le Zhang

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Reviewer performed review: 2020-10-06 03:28

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Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
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SPECIFIC COMMENTS TO AUTHORS

no comments