

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 87410

**Title:** The interaction between adolescent sleep rhythms and gender in an obese population

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05769914

**Position:** Peer Reviewer

**Academic degree:** PhD, MD

**Professional title:** Professor, Researcher, Doctor

**Reviewer's Country/Territory:** Mexico

**Author's Country/Territory:** China

**Manuscript submission date:** 2023-08-29

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2023-08-30 16:14

**Reviewer performed review:** 2023-09-05 03:09

**Review time:** 5 Days and 10 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 Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

<b>Scientific significance of the conclusion in this manuscript</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

## SPECIFIC COMMENTS TO AUTHORS

The paper by Wu et al. entitled "The interaction between adolescent sleep rhythms and gender in an obese population" evaluated the sleep rhythm of adolescents using the reduced version of the morningness-eveningness questionnaire (rMEQ). I have some comments that should be addressed before its publication. -In the abstract section, please add a background section and describe the results with statistical values. -The authors should review the manuscript contain because there are several typos. In addition, the references should be in only format. -With respect to introduction section, I recommend the next reference (PMID: 34769060) for this interesting manuscript. -Please add some genetic markers in the following phrase (line 55): "Many genetic markers involved with obesity have been found[9]." -In methods section, why was a nutritional questionnaire not included in this study? -Clarify, how were the scoring scales for the classification of the population determined? The reference 25 does not use this score scale. -Since obesity occurs with several comorbidities, why was the presence of hyperglycemia, diabetes, hypertension, and metabolic syndrome not considered? -In the results section, the authors should describe the results with statistical values. -In



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table 1, I suggest to classify the adolescents according to BMI grade. -The table 1 and table 2 have the same title and the N value should be changed to 2942. Please also add the definitions of acronyms ITs, MTs, and ETs in the table legend of table 2, 4, and 5. BMI index should be written as BMI. -In the table 3, please add the units for age and BMI. -In the discussion section, the authors should add more information related to the effects of family economic situation (e.g. poverty) and sleep rhythm on obesity, according to other published results. -The authors should consider if it is correct to use the words “laissez-faire” or to restructure the phrase in the line 239-240.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 87410

**Title:** The interaction between adolescent sleep rhythms and gender in an obese population

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**Peer-review model:** Single blind

**Reviewer's code:** 05769914

**Position:** Peer Reviewer

**Academic degree:** PhD, MD

**Professional title:** Professor, Researcher, Doctor

**Reviewer's Country/Territory:** Mexico

**Author's Country/Territory:** China

**Manuscript submission date:** 2023-08-29

**Reviewer chosen by:** Jia-Ru Fan

**Reviewer accepted review:** 2023-09-28 15:00

**Reviewer performed review:** 2023-09-29 15:38

**Review time:** 1 Day

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Peer-reviewer</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

**statements**Conflicts-of-Interest: [ ☐ ] Yes [ ☒ ] No**SPECIFIC COMMENTS TO AUTHORS**

I have some comments for the second version of the paper from Wu et al. entitled "The interaction between adolescent sleep rhythms and gender in an obese population"

-There are some typos (e.g., line 35: "(F=69.996,p<0.000).Obesity rates" -In line 56 and 227, please add Gutiérrez-Cuevas et al. stead of Jorge Gutiérrez-Cuevas. -Line 59, please correct nonalcoholic steatohepatitis (NASH) as Nonalcoholic.