

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

ESPS manuscript NO: 31050

Title: Age-dependent changes in the association between sleep duration and impaired glucose metabolism

Reviewer's code: 00227633

Reviewer's country: Portugal

Science editor: Xiu-Xia Song

Date sent for review: 2016-10-31 15:52

Date reviewed: 2016-12-13 21:10

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Minor revision
<input checked="" type="checkbox"/> Grade E: Poor		BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

The author's purpose of the investigation is very interesting, also for scientists from related research fields. I would recommend the manuscript for publication after revision, according to the suggestions described below: 1) The title should be short and concise. According to recent studies that would favour future citations to the paper. What is really new in the paper? The sleep relation with diabetes? The studies in Japan? 2) Abstract should be also quantitative as possible for rapid comparison with others studies, referring for instance to absolute values and avoiding sentences such as "and this increase was greater" ..but how much? 1,2?, twofold? 200%? And also sentences such as "significantly positively associated" ...how much? 0.3? (30%)...once if the data it is not statistically significant no need to put it in the abs or in the paper. Also the main conclusion it is not clear..it is a suggestion or the results point out to this conclusion? 3) The paper includes a very good number of recent references from the last 5 years (about 30% of total references). However, in a certain way some references are lacking regarding for instance the effects of drugs related with sleep and the onset of diabetes. Some drugs used for sleeping and immunosuppressors were described to induce diabetes.



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This association is relevant for the paper. This should be refereed and discussed. Also in the introduction it should be included why this paper is timely and relevant. 4) The figures could be globally improved, as possible, once WJD deserves high quality figures and with rigor to avoid lacking of interest for the data. Also the legends should be more completed information as possible to avoid looking in the text for information. 5) The results section is not properly presented. The authors jump immediately do conclusion without describing the data. They do not refer to the absolute values and the observed decrease or increase is not quantified. This is important for rapid comparison with others studies.....in some parts of the results seems to be just a copy of the abstract. 6) At a pedagogical point of view it would be worthy if the authors include a scheme figure proposing the major effects and the parameters affects by sleeping, reflecting, such as a mirror, the main message of the paper.



ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

ESPS manuscript NO: 31050

Title: Age-dependent changes in the association between sleep duration and impaired glucose metabolism

Reviewer's code: 02446523

Reviewer's country: India

Science editor: Xiu-Xia Song

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Date reviewed: 2016-11-08 16:21

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> [Y] Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> [Y] Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> [] High priority for publication
<input type="checkbox"/> [Y] Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> [] Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> [] Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> [Y] No	<input type="checkbox"/> [] Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> [Y] No	

COMMENTS TO AUTHORS

1) The authors have studied the sleep duration and the risk of diabetes across two generations. The following points are suggested to improve the manuscript: 2) Title: The title is misleading as the word generation indicates at least two generations. You can modify the same in young and older individuals or population etc. 3) Abstract: Same as above wrt generation. The first statement of the results should be modified. The short sleep duration is associated with the worsening of HbA1c and not vice versa. Please remove the adjectives (gentle J curve etc) 4) Introduction: Sleep duration tends to decrease with advancing age. Please modify your statement accordingly. 5) Methods: OK 6) Results: OK 7) Discussion: OK