



PEER-REVIEW REPORT

Name of journal: World Journal of Respirology

Manuscript NO: 51043

Title: Relationship between metabolic syndrome and hypercapnia among obese patients with sleep apnea

Reviewer’s code: 02741591

Position: Editorial Board

Academic degree: MD

Professional title: Professor

Reviewer’s country: Egypt

Author’s country: Japan

Reviewer chosen by: Artificial Intelligence Technique

Reviewer accepted review: 2019-08-27 04:59

Reviewer performed review: 2019-08-27 05:05

Review time: 1 Hour

| SCIENTIFIC QUALITY | LANGUAGE QUALITY | CONCLUSION | PEER-REVIEWER STATEMENTS |
|--|---|--|---|
| <input type="checkbox"/> Grade A: Excellent | <input type="checkbox"/> Grade A: Priority publishing | <input type="checkbox"/> Accept | Peer-Review: |
| <input checked="" type="checkbox"/> Grade B: Very good | <input checked="" type="checkbox"/> Grade B: Minor language | (High priority) | <input checked="" type="checkbox"/> Anonymous |
| <input type="checkbox"/> Grade C: Good | polishing | <input checked="" type="checkbox"/> Accept | <input type="checkbox"/> Onymous |
| <input type="checkbox"/> Grade D: Fair | <input type="checkbox"/> Grade C: A great deal of | (General priority) | Peer-reviewer’s expertise on the |
| <input type="checkbox"/> Grade E: Do not | language polishing | <input type="checkbox"/> Minor revision | topic of the manuscript: |
| publish | <input type="checkbox"/> Grade D: Rejection | <input type="checkbox"/> Major revision | <input type="checkbox"/> Advanced |
| | | <input type="checkbox"/> Rejection | <input checked="" type="checkbox"/> General |
| | | | <input type="checkbox"/> No expertise |
| | | | Conflicts-of-Interest: |
| | | | <input type="checkbox"/> Yes |
| | | | <input checked="" type="checkbox"/> No |

SPECIFIC COMMENTS TO AUTHORS



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The methodology should be better wrapped up.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- The same title
- Duplicate publication
- Plagiarism
- No

BPG Search:

- The same title
- Duplicate publication
- Plagiarism
- No



PEER-REVIEW REPORT

Name of journal: World Journal of Respiriology

Manuscript NO: 51043

Title: Relationship between metabolic syndrome and hypercapnia among obese patients with sleep apnea

Reviewer’s code: 00597793

Position: Peer Reviewer

Academic degree: MD

Professional title: Professor

Reviewer’s country: United States

Author’s country: Japan

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2019-09-23 22:21

Reviewer performed review: 2019-09-23 22:35

Review time: 1 Hour

| SCIENTIFIC QUALITY | LANGUAGE QUALITY | CONCLUSION | PEER-REVIEWER STATEMENTS |
|--|--|--|---|
| <input type="checkbox"/> Grade A: Excellent | <input checked="" type="checkbox"/> Grade A: Priority publishing | <input type="checkbox"/> Accept | Peer-Review: |
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| | | <input type="checkbox"/> Rejection | <input checked="" type="checkbox"/> General |
| | | | <input type="checkbox"/> No expertise |
| | | | Conflicts-of-Interest: |
| | | | <input type="checkbox"/> Yes |
| | | | <input checked="" type="checkbox"/> No |

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The paper in general is OK but there is one problem. The authors state that they wish to EXPLAIN why some people with OSA develop daytime somnolence. They do not do so. Rather the paper is descriptive and says that day time somnolence is associated with MetS. Please re-do the INTRO to make the paper more congruent with its subject matter. Saying there is hypocapnia because of MetS is not an explanation.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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- No

BPG Search:

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- Plagiarism
- No



PEER-REVIEW REPORT

Name of journal: World Journal of Respiriology

Manuscript NO: 51043

Title: Relationship between metabolic syndrome and hypercapnia among obese patients with sleep apnea

Reviewer's code: 02476743

Position: Editorial Board

Academic degree: PhD

Professional title: Associate Professor, Statistician

Reviewer's country: Taiwan

Author's country: Japan

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2019-09-19 14:45

Reviewer performed review: 2019-10-05 01:31

Review time: 15 Days and 10 Hours

| SCIENTIFIC QUALITY | LANGUAGE QUALITY | CONCLUSION | PEER-REVIEWER STATEMENTS |
|---|---|--|---|
| <input type="checkbox"/> Grade A: Excellent | <input type="checkbox"/> Grade A: Priority publishing | <input type="checkbox"/> Accept | Peer-Review: |
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| | | <input type="checkbox"/> Rejection | <input checked="" type="checkbox"/> General |
| | | | <input type="checkbox"/> No expertise |
| | | | Conflicts-of-Interest: |
| | | | <input type="checkbox"/> Yes |
| | | | <input checked="" type="checkbox"/> No |

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The Authors propose the hospital-based study to evaluate the association between metabolic syndrome and daytime hypercapnia by studying the prevalence of hypercapnia in obese obstructive sleep apnea patients. There are several areas from methodological viewpoint where the manuscript needs to be strengthened. 1. Please describe more details to calculate the power of this study. 2. Describe any efforts to address potential sources of bias, if applicable. 3. What is the originality and strengths of this review? How physicians or policy makers could deliberate with patients or people based on the key findings of this manuscript? 4. More discussion regarding the clinical practice of their findings would be important for the specific journal. 5. Please consider the comparison with the other epidemiological studies in other areas using table so make clear the significance of this study. 6. Some references should be updated. Totally, I would like to congratulate the authors for the enthusiasm invested in this study. However, the manuscript does not reach the level of quality required for publication as original article without major revision in World Journal of Respiriology.

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[Y] No