



**Baishideng  
Publishing  
Group**

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## PEER-REVIEW REPORT

**Name of journal:** World Journal of Diabetes

**Manuscript NO:** 53327

**Title:** Severity of the metabolic syndrome as a predictor of prediabetes and type 2 Diabetes in first degree relatives of type 2 Diabetic patients: A 15-year prospective cohort study

**Reviewer's code:** 03465354

**Position:** Editorial Board

**Academic degree:** PhD

**Professional title:** Assistant Professor

**Reviewer's country:** United States

**Author's country:** Ireland

**Manuscript submission date:** 2019-12-16

**Reviewer chosen by:** Jia-Ping Yan

**Reviewer accepted review:** 2019-12-20 20:34

**Reviewer performed review:** 2019-12-26 22:12

**Review time:** 6 Days and 1 Hour

|                    |                  |            |                          |
|--------------------|------------------|------------|--------------------------|
| SCIENTIFIC QUALITY | LANGUAGE QUALITY | CONCLUSION | PEER-REVIEWER STATEMENTS |
|--------------------|------------------|------------|--------------------------|



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 Grade E: Do not publish |  | 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

## SPECIFIC COMMENTS TO AUTHORS

The proposed manuscript provides data from a single-centered prospective open cohort study on the association of the severity of metabolic syndrome with prediabetes and type 2 diabetes in first-degree relatives of type 2 diabetic patients. Study was based on results from 1,766 first-degree relatives of type 2 diabetic patients followed for 15 years. This study revealed that the metabolic syndrome Z-score was associated with an increased risk of type 2 diabetes in first-degree relatives of type 2 diabetic patients. Based on the obtained results, the authors of the study concluded that appropriate interventions at earlier stages for preventing and attenuating metabolic syndrome effects may be considered as an effective strategy for this at-risk population. The study is designed well and the manuscript is clear. After careful examination of the results, I do not find any issues. The authors critically discussed the weaknesses of their study.

## INITIAL REVIEW OF THE MANUSCRIPT

### *Google Search:*

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism



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[ Y ] No

***BPG Search:***

[ ] The same title

[ ] Duplicate publication

[ ] Plagiarism

[ Y ] No

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

**Name of journal:** World Journal of Diabetes

**Manuscript NO:** 53327

**Title:** Severity of the metabolic syndrome as a predictor of prediabetes and type 2 diabetes in first degree relatives of type 2 diabetic patients: A 15-year prospective cohort study

**Reviewer's code:** 03465354

**Position:** Editorial Board

**Academic degree:** PhD

**Professional title:** Assistant Professor

**Reviewer's country:** United States

**Author's country:** Iran

**Manuscript submission date:** 2019-12-16

**Reviewer chosen by:** Yu-Qiao Wang

**Reviewer accepted review:** 2020-03-17 11:53

**Reviewer performed review:** 2020-03-18 19:06

**Review time:** 1 Day and 7 Hours

|                    |                  |            |                          |
|--------------------|------------------|------------|--------------------------|
| SCIENTIFIC QUALITY | LANGUAGE QUALITY | CONCLUSION | PEER-REVIEWER STATEMENTS |
|--------------------|------------------|------------|--------------------------|



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|   |   |   |                                       |
|---|---|---|---------------------------------------|
| <input type="checkbox"/> Grade A: Excellent | <input type="checkbox"/> Grade A: Priority publishing | <input type="checkbox"/> Accept         | Peer-Review:                          |
| <input type="checkbox"/> Grade B: Very good | <input type="checkbox"/> Grade B: Minor language      | (High priority)                         | <input type="checkbox"/> Anonymous    |
| <input type="checkbox"/> Grade C: Good      | polishing   | <input 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 type="checkbox"/> General      |
|   |   |   | <input type="checkbox"/> No expertise |
|   |   |   | Conflicts-of-Interest:                |
|   |   |   | <input type="checkbox"/> Yes          |
|   |   |   | <input type="checkbox"/> No           |

#### **SPECIFIC COMMENTS TO AUTHORS**

It is in a good shape in its current form and I would recommend to the Editor it to be consider for acceptance in its current form.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

- ☐ The same title  
☐ Duplicate publication  
☐ Plagiarism  
☐ No

##### ***BPG Search:***

- ☐ The same title  
☐ Duplicate publication  
☐ Plagiarism  
☐ No