

September 24, 2014



Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 13432-edited.docx).

Title: Diabetes and cardiac autonomic neuropathy: clinical manifestations, cardiovascular consequences, diagnosis and treatment

Author: Akif Serhat BALCIOĞLU, Haldun MÜDERRİSOĞLU

Name of Journal: *World Journal of Diabetes*

ESPS Manuscript NO: 13432

The manuscript has been improved according to the suggestions of the reviewers:

1 Revision has been made according to the suggestions of the reviewer no: 00503474

(1) The authors states that , “ while cardiac disorders with diabetes include resting tachycardia “ they assume that reduced heart rate variability is the earliest finding” . This needs clarification so non-specialist in the filed can understand this .

- A brief definition of the heart rate variability was added to the abstract section (page 2, lines 10-11).
- Additionally, information related to this subject was presented in the cardiovascular consequences section (page 4, lines 28-33; page 5, lines 1-11).

(2) The sentence “In a large cohort of 1171 patients with type 1 and type 2 diabetes, Ziegler et al. found that 25.3% of patients with type 1 and 34.3% of patients with type 2 diabetes had abnormal HRV tests and spectral analysis of the R-R intervals !!!! complete the sentence !!! [5] .

- Corrected (page 3, lines 17-19).

(3) Explain how HbA1c can be a risk factor for diabetes !!! .

- HbA1c is a risk factor for the development of cardiac autonomic neuropathy. The mention was revised (page 3, lines 21-23).

(4) Text regarding , Ref 2 is a repetition of what mentioned before in abstract . Please re-phrase. Text regarding , Ref 19 is a repetition of what mentioned before in abstract . Please re-phrase.

- Adjustments were made in the abstract section (page 2, lines 5-9)

(5) A fixed heart rate that is steady to exercise, : do you mean during rather than to !!

- Corrected (page 5, lines 10-11)

(6) Correct lability to be liability .

- “Lability” was changed to “instability” (page 5, line 20).

(7) What does the term sudomotor function mean !!!!

- The sudomotor function term was clarified in the sentence (page 12, line 18-19).

(8) Authors should add some new references as most references are old except one or two.

- In this article, we tried to include the most recent references possible. Approximately 20% of our references were published in the last 4 years.

- (9) Are the technical terms/compound names spelt correctly? Need English revision. Is the paper clearly written? Do the language, grammar and punctuation need significant improvement? Needs revision.

- The language, grammar and punctuation were revised by an expert native speaker.

| 2 Revision has been made according to the suggestions of the reviewer no: 00504030

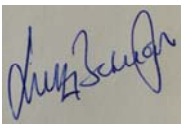
- (1) This reviewer suggests to include more details in regard to the pathologic and biological mechanisms of diabetic cardiac autonomic neuropathy in the section of "Pathogenesis".

- Many thanks to the reviewer for the supportive contribution. However, this paper mainly focused on clinical findings and consequences of the cardiac autonomic neuropathy. We tried to briefly describe the pathogenesis of the disease, but it is multifactorial and includes complex mechanisms and interactions. As mentioned in the manuscript, the pathogenesis is beyond the scope of this article.

3 References were revised.

Thank you again for publishing our manuscript in the *World Journal of Diabetes*.

Sincerely yours,



Akif Serhat BALCIOĞLU, MD, PhD
Medical and Research Center of Alanya
Department of Cardiology
Başkent University
07400, Alanya, Antalya, Turkey
Fax: +90-242-511-5563
E-mail: serhatbalcioglu@gmail.com