

## Accepted Manuscript

Structured Lifestyle Intervention in Patients with the Metabolic Syndrome Mitigates Oxidative Stress but Fails to Improve Measures of Cardiovascular Autonomic Neuropathy

Subramaniam Pennathur, Mamta Jaiswal, Elizabeth A. White, Lynn Ang, David M. Raffel, Melvyn Rubenfire, Rodica Pop-Busui

PII: S1056-8727(17)30026-0  
DOI: doi: [10.1016/j.jdiacomp.2017.03.008](https://doi.org/10.1016/j.jdiacomp.2017.03.008)  
Reference: JDC 6989

To appear in: *Journal of Diabetes and Its Complications*

Received date: 16 January 2017  
Revised date: 20 March 2017  
Accepted date: 22 March 2017



Please cite this article as: Pennathur, S., Jaiswal, M., White, E.A., Ang, L., Raffel, D.M., Rubenfire, M. & Pop-Busui, R., Structured Lifestyle Intervention in Patients with the Metabolic Syndrome Mitigates Oxidative Stress but Fails to Improve Measures of Cardiovascular Autonomic Neuropathy, *Journal of Diabetes and Its Complications* (2017), doi: [10.1016/j.jdiacomp.2017.03.008](https://doi.org/10.1016/j.jdiacomp.2017.03.008)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Structured Lifestyle Intervention in Patients with the Metabolic Syndrome  
Mitigates Oxidative Stress but Fails to Improve Measures of Cardiovascular  
Autonomic Neuropathy

<sup>1</sup>Subramaniam Pennathur MD, <sup>2</sup>Mamta Jaiswal MBBS PhD, <sup>3</sup>Elizabeth A. White MD, <sup>4</sup>Lynn Ang MD, <sup>5</sup>David M. Raffel PhD, <sup>6</sup>Melvyn Rubenfire MD, and <sup>4</sup>Rodica Pop-Busui MD, PhD  
From

<sup>1</sup> Department of Internal Medicine and Molecular and Integrative Physiology, Division of Nephrology, University of Michigan, Ann Arbor, MI

<sup>2</sup>Department of Neurology, University of Michigan, Ann Arbor, MI

<sup>3</sup>Department of Internal Medicine, University of Michigan, Ann Arbor, MI

<sup>4</sup>Department of Internal Medicine, Division of Metabolism, Endocrinology and Diabetes, University of Michigan, Ann Arbor, MI

<sup>5</sup>Department of Radiology, Division of Nuclear Medicine, University of Michigan, Ann Arbor, MI

<sup>6</sup> Department of Internal Medicine, Division of Cardiovascular Medicine, University of Michigan, Ann Arbor, MI

Address Correspondence:

Rodica Pop-Busui, M.D., Ph.D.

Phone: 734-763-3056

5329 Brehm Tower, 1000 Wall Street

Fax: 734-936-6684

Ann Arbor, MI 48109

Email: [rpbusui@umich.edu](mailto:rpbusui@umich.edu)

Tables : 3 Figures: 2 Supplemental Table : 1  
ClinicalTrials.gov Identifier: NCT00907127

Download English Version:

<https://daneshyari.com/en/article/5588072>

Download Persian Version:

<https://daneshyari.com/article/5588072>

[Daneshyari.com](https://daneshyari.com)