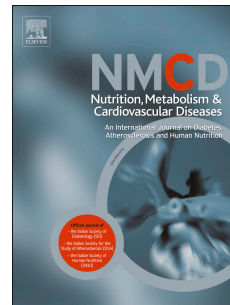


# Accepted Manuscript

The association of neck circumference with risk of metabolic syndrome and its components in adults: A systematic review and meta-analysis

Nazli Namazi, Bagher Larijani, Pamela J. Surkan, Leila Azadbakht



PII: S0939-4753(18)30097-8

DOI: [10.1016/j.numecd.2018.03.006](https://doi.org/10.1016/j.numecd.2018.03.006)

Reference: NUMECD 1873

To appear in: *Nutrition, Metabolism and Cardiovascular Diseases*

Received Date: 21 October 2017

Revised Date: 11 March 2018

Accepted Date: 12 March 2018

Please cite this article as: Namazi N, Larijani B, Surkan PJ, Azadbakht L, The association of neck circumference with risk of metabolic syndrome and its components in adults: A systematic review and meta-analysis, *Nutrition, Metabolism and Cardiovascular Diseases* (2018), doi: [10.1016/j.numecd.2018.03.006](https://doi.org/10.1016/j.numecd.2018.03.006).

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.

1 **The association of neck circumference with risk of metabolic syndrome and its**  
2 **components in adults: A systematic review and meta-analysis**

3 **Nazli Namazi<sup>1</sup>, Bagher Larijani<sup>2</sup>, Pamela J. Surkan<sup>3</sup>, Leila Azadbakht<sup>4,5,6</sup>**

4 <sup>1</sup> *Obesity and Eating Habits Research Center, Endocrinology and Metabolism Molecular-*  
5 *Cellular Sciences Institute, Tehran University of Medical Sciences, Tehran, Iran*

6 <sup>2</sup> *Endocrinology and Metabolism Research Center, Endocrinology and Metabolism Clinical*  
7 *Sciences Institute, Tehran University of Medical Sciences, Tehran, Iran*

8 <sup>3</sup> *Department of International Health, Johns Hopkins Bloomberg School of Public Health,*  
9 *Baltimore, USA*

10 <sup>4</sup> *Diabetes Research Center, Endocrinology and Metabolism Clinical Sciences Institute, Tehran*  
11 *University of Medical Sciences, Tehran, Iran*

12 <sup>5</sup> *Department of Community Nutrition, School of Nutritional Sciences and Dietetics, Tehran*  
13 *University of Medical Sciences, Tehran, Iran*

14 <sup>6</sup> *Department of Community Nutrition, School of Nutrition and Food Science, Isfahan University*  
15 *of Medical Sciences, Isfahan, Iran*

16 **Correspondence to:**

17 Dr. Leila Azadbakht, Ph.D  
18 Department of Community Nutrition  
19 School of Nutritional Sciences and Dietetics  
20 Tehran University of Medical Sciences  
21 Tehran, PO Box: 1416643931  
22 Iran  
23 Tel: (+98) 218895556  
24 Fax: (+98) 2188984861  
25 Email: [azadbakhtleila@gmail.com](mailto:azadbakhtleila@gmail.com)

26  
27  
28 **Co-correspondence to:**

29 Bagher Larijani, MD, Endocrinologist  
30 Endocrinology and Metabolism Research Center,  
31 Endocrinology and Metabolism Clinical Sciences Institute,  
32 Tehran University of Medical Sciences,  
33 Tehran, PO Box: 1411413137  
34 Iran  
35 Tel: (+98) 218822003  
36 Fax: (+98) 2188220052  
37 Email: [larijanib@tums.ac.ir](mailto:larijanib@tums.ac.ir)

Download English Version:

<https://daneshyari.com/en/article/8674464>

Download Persian Version:

<https://daneshyari.com/article/8674464>

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