

## Accepted Manuscript

Ratio of muscle mass to fat mass assessed by bioelectrical impedance analysis is significantly correlated with liver fat accumulation in patients with type 2 diabetes mellitus

Noboru Kurinami, Seigo Sugiyama, Ayami Morita, Akira Yoshida, Kunio Hieshima, Fumio Miyamoto, Keizo Kajiwara, Katsunori Jinnouchi, Tomio Jinnouchi, Hideaki Jinnouchi

PII: S0168-8227(17)31778-3  
DOI: <https://doi.org/10.1016/j.diabres.2018.02.009>  
Reference: DIAB 7222

To appear in: *Diabetes Research and Clinical Practice*

Received Date: 2 November 2017  
Revised Date: 22 January 2018  
Accepted Date: 6 February 2018

Please cite this article as: N. Kurinami, S. Sugiyama, A. Morita, A. Yoshida, K. Hieshima, F. Miyamoto, K. Kajiwara, K. Jinnouchi, T. Jinnouchi, H. Jinnouchi, Ratio of muscle mass to fat mass assessed by bioelectrical impedance analysis is significantly correlated with liver fat accumulation in patients with type 2 diabetes mellitus, *Diabetes Research and Clinical Practice* (2018), doi: <https://doi.org/10.1016/j.diabres.2018.02.009>

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.



**Ratio of muscle mass to fat mass assessed by bioelectrical impedance analysis is significantly correlated with liver fat accumulation in patients with type 2 diabetes mellitus**

Noboru Kurinami<sup>a</sup>, Seigo Sugiyama<sup>a,b</sup>, Ayami Morita<sup>a</sup>, Akira Yoshida<sup>a</sup>, Kunio Hieshima<sup>a</sup>, Fumio Miyamoto<sup>a</sup>, Keizo Kajiwara<sup>a</sup>, Katsunori Jinnouchi<sup>a</sup>, Tomio Jinnouchi, MD<sup>a</sup>, Hideaki Jinnouchi<sup>a</sup>

<sup>a</sup>Diabetes Care Center, Jinnouchi Hospital, Kumamoto, Japan

<sup>b</sup>Division of Cardiovascular Medicine, Diabetes Care Center, Jinnouchi Hospital, Kumamoto, Japan

Noboru Kurinami and Seigo Sugiyama contributed equally to the present study.

Corresponding Author: Hideaki Jinnouchi,

6-2-3 Kuhonji, Chuo-ku, Kumamoto 862-0976, Japan

Phone: +81-096-363-0011; Fax: +81-096-364-2654

Email address: [hideaki@jinnouchi.or.jp](mailto:hideaki@jinnouchi.or.jp)

Download English Version:

<https://daneshyari.com/en/article/8630003>

Download Persian Version:

<https://daneshyari.com/article/8630003>

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