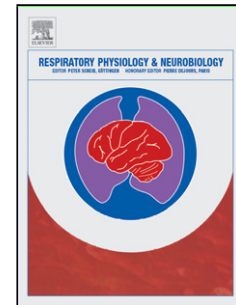


## Accepted Manuscript

Title: Effect of chest and abdominal wall mobility and respiratory muscle strength on forced vital capacity in older adults

Authors: Hideo Kaneko, Akari Suzuki



PII: S1569-9048(17)30216-1  
DOI: <http://dx.doi.org/doi:10.1016/j.resp.2017.08.004>  
Reference: RESPNB 2843

To appear in: *Respiratory Physiology & Neurobiology*

Received date: 30-6-2017  
Revised date: 31-7-2017  
Accepted date: 4-8-2017

Please cite this article as: Kaneko, Hideo, Suzuki, Akari, Effect of chest and abdominal wall mobility and respiratory muscle strength on forced vital capacity in older adults. *Respiratory Physiology and Neurobiology* <http://dx.doi.org/10.1016/j.resp.2017.08.004>

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.

**Effect of chest and abdominal wall mobility and respiratory muscle strength on forced vital capacity in older adults**

Hideo Kaneko<sup>a,\*</sup>, Akari Suzuki<sup>a</sup>

<sup>a</sup>Department of Physical Therapy, School of Health Sciences at Fukuoka, International University of Health and Welfare, 137-1 Enokizu, Okawa-shi, Fukuoka 831-8501, Japan.

\*Corresponding Author: Hideo Kaneko,

Department of Physical Therapy, School of Health Sciences at Fukuoka, International University of Health and Welfare, 137-1 Enokizu, Okawa-shi, Fukuoka 831-8501, Japan.

Tel: +81-944-89-2000; Fax: +81-944-89-2001.

E-mail: hkaneko@iuhw.ac.jp

**Highlights**

- The relationship between chest and abdominal wall mobility, respiratory muscle strength, and lung volume in older adults remains unknown.
- Chest and abdominal wall mobility is independently associated with forced vital capacity
- Chest and abdominal wall mobility may be a useful index for detecting

Download English Version:

<https://daneshyari.com/en/article/5594066>

Download Persian Version:

<https://daneshyari.com/article/5594066>

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