

# Accepted Manuscript

Title: The effects of resistance training of swallowing muscles on dysphagia in older people: a cluster, randomized, controlled trial

Author: Hidetaka Wakabayashi, Masato Matsushima, Ryo Momosaki, Shuhei Yoshida, Rieko Mutai, Toshifumi Yodoshi, Shinichi Murayama, Tetsuro Hayashi, Ryoko Horiguchi, Hiroko Ichikawa



PII: S0899-9007(17)30259-9  
DOI: <https://doi.org/10.1016/j.nut.2017.11.009>  
Reference: NUT 10083

To appear in: *Nutrition*

Received date: 24-7-2017  
Revised date: 30-10-2017  
Accepted date: 1-11-2017

Please cite this article as: Hidetaka Wakabayashi, Masato Matsushima, Ryo Momosaki, Shuhei Yoshida, Rieko Mutai, Toshifumi Yodoshi, Shinichi Murayama, Tetsuro Hayashi, Ryoko Horiguchi, Hiroko Ichikawa, The effects of resistance training of swallowing muscles on dysphagia in older people: a cluster, randomized, controlled trial, *Nutrition* (2017), <https://doi.org/10.1016/j.nut.2017.11.009>.

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.

**Title:** The effects of resistance training of swallowing muscles on dysphagia in older

people: a cluster, randomized, controlled trial

**Running head:** Resistance training of swallowing muscles for dysphagia

**Authors:** Hidetaka Wakabayashi, MD, PhD<sup>1,2</sup>, Masato Matsushima, MD, PhD, MPH<sup>2</sup>,

Ryo Momosaki, MD, PhD, MPH<sup>3</sup>, Shuhei Yoshida, MD<sup>2</sup>, Rieko Mutai, RN<sup>2</sup>, Toshifumi

Yodoshi, MD<sup>2</sup>, Shinichi Murayama, MD<sup>2</sup>, Tetsuro Hayashi, MD<sup>2</sup>, Ryoko Horiguchi,

ORT<sup>2</sup>, Hiroko Ichikawa, MD<sup>2</sup>

**Affiliations and addresses:**

1 Department of Rehabilitation Medicine, Yokohama City University Medical Center

4-57 Urafune-chou, Minami ward, Yokohama city, Japan 232-0024

2 Division of Clinical Epidemiology, Jikei University School of Medicine

3-25-8 Nishi-shinbashi, Minato ward, Tokyo, Japan 105-0003

3 Department of Rehabilitation Medicine, Teikyo University School of Medicine

University Hospital, Mizonokuchi

3-8-3 Mizonokuchi, Takatsu ward, Kawasaki city, Japan, 213-0001

**Role of each author in the study:** Hidetaka Wakabayashi: study conception, data

interpretation, drafting and revision of the manuscript, and approval of the final version

of the manuscript. Masato Matsushima, Ryo Momosaki, Shuhei Yoshida, Rieko Mutai,

Download English Version:

<https://daneshyari.com/en/article/8723852>

Download Persian Version:

<https://daneshyari.com/article/8723852>

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