

## Accepted Manuscript

Title: The severity and number of musculoskeletal pain associated with gait in community-dwelling elderly individuals

Authors: Ryuichi Sawa, Takehiko Doi, Shogo Misu, Takashi Saito, Taiki Sugimoto, Shunsuke Murata, Tsuyoshi Asai, Minoru Yamada, Rei Ono



PII: S0966-6362(17)30086-3  
DOI: <http://dx.doi.org/doi:10.1016/j.gaitpost.2017.03.013>  
Reference: GAIPOS 5347

To appear in: *Gait & Posture*

Received date: 27-4-2016  
Revised date: 5-3-2017  
Accepted date: 6-3-2017

Please cite this article as: Sawa Ryuichi, Doi Takehiko, Misu Shogo, Saito Takashi, Sugimoto Taiki, Murata Shunsuke, Asai Tsuyoshi, Yamada Minoru, Ono Rei. The severity and number of musculoskeletal pain associated with gait in community-dwelling elderly individuals. *Gait and Posture* <http://dx.doi.org/10.1016/j.gaitpost.2017.03.013>

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 severity and number of musculoskeletal pain associated with gait in community-dwelling elderly individuals**

**Authors:** Ryuichi Sawa<sup>1</sup>, Takehiko Doi<sup>2</sup>, Shogo Misu<sup>3,4</sup>, Takashi Saito<sup>3</sup>, Taiki Sugimoto<sup>3,5,6</sup>, Shunsuke Murata<sup>3</sup>, Tsuyoshi Asai<sup>7</sup>, Minoru Yamada<sup>8</sup>, Rei Ono<sup>3</sup>

**Affiliations:**

<sup>1</sup> Department of Physical Therapy, Narita School of Health Sciences, International University of Health and Welfare, 4-3, Kōzunomori, Narita-city, Chiba, 286-8686 Japan

<sup>2</sup> Section for Health Promotion Department for Research and Development to Support Independent Life of Elderly, Center for Gerontology and Social Science, National Center for Geriatrics and Gerontology, 7-430 Morioka-cho, Obu-city, Aichi, 474-8511 Japan

<sup>3</sup> Department of Community Health Sciences, Kobe University Graduate School of Health Sciences, 7-9-2 Tomogaoka, Suma-ward, Kobe-city, Hyogo, 654-0142 Japan

<sup>4</sup> Kobe City Hospital Organization, Kobe City Medical Center, West Hospital, 2-4 Ichibann-cho, Nagata, Kobe-city, Hyogo, 653-0013 Japan

<sup>5</sup> The Center for Comprehensive Care and Research on Memory Disorders, National Center for Geriatrics and Gerontology, 7-430 Morioka-cho, Obu-city, Aichi, 474-8511 Japan

<sup>6</sup> Medical Genome Center, National Center for Geriatrics and Gerontology, 7-430 Morioka-cho, Obu-city, Aichi, 474-8511 Japan

<sup>7</sup> Department of Physical Therapy, Faculty of Rehabilitation, Kobegakuin University, 518 Arise

Download English Version:

<https://daneshyari.com/en/article/5707925>

Download Persian Version:

<https://daneshyari.com/article/5707925>

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