

Accepted Manuscript



Differences in Active Range of Motion Measurements in the Upper Extremity of Patients with Writer's cramp (WC) Compared with Healthy Controls

Prachaya Srivanitchapoom, MD., Ejaz A. Shamim, MD., MS., Pierre Diomi, MD., Takaaki Hattori, MD., PhD., Sanjay Pandey, MD., Sherry Vorbach, AS., Jung E. Park, MD., Tianxia Wu, PhD., Sungyoung Auh, PhD., Mark Hallett, MD.

PII: S0894-1130(16)30003-5

DOI: [10.1016/j.jht.2016.02.001](https://doi.org/10.1016/j.jht.2016.02.001)

Reference: HANTHE 955

To appear in: *Journal of Hand Therapy*

Received Date: 15 April 2015

Revised Date: 7 December 2015

Accepted Date: 8 February 2016

Please cite this article as: Srivanitchapoom P, Shamim EA, Diomi P, Hattori T, Pandey S, Vorbach S, Park JE, Wu T, Auh S, Hallett M, Differences in Active Range of Motion Measurements in the Upper Extremity of Patients with Writer's cramp (WC) Compared with Healthy Controls, *Journal of Hand Therapy* (2016), doi: 10.1016/j.jht.2016.02.001.

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 Page

Article title: Differences in Active Range of Motion Measurements in the Upper Extremity of Patients with Writer's cramp (WC) Compared with Healthy Controls

Authors' names and affiliations: Prachaya Srivanitchapoom, MD.^{1,2}, Ejaz A. Shamim, MD., MS.^{1,3}, Pierre Diomi, MD.¹, Takaaki Hattori, MD., PhD.¹, Sanjay Pandey, MD.⁴, Sherry Vorbach AS.¹, Jung E. Park, MD.¹, Tianxia Wu, PhD.⁵, Sungyoung Auh, PhD.⁵, Mark Hallett, MD.¹

1: Human Motor Control Section, National Institute of Neurological Disorders and Stroke, National Institutes of Health, Bethesda, Maryland, United States of America, 20892

2: Division of Neurology, Department of Medicine, Faculty of Medicine, Siriraj Hospital, Mahidol University, Bangkok, Thailand 10700

3: Mid-Atlantic Permanente Research Institute, Kaiser Permanente, 2101 East Jefferson Street, Rockville, Maryland, United States of America, 20852

4: Govind Ballabh Pant Hospital, New Delhi, India 110002

5: Clinical Neurosciences Program, National Institute of Neurological Disorders and Stroke, National Institutes of Health, Bethesda, Maryland, United States of America, 20892

Name, address, telephone and email address of the corresponding author:

Prachaya Srivanitchapoom, MD; 10 Center Drive MSC 1428, Building 10, Room 7D52, Bethesda, Maryland, United States of America 20892; Tel +1-301-496-8511, Fax +1-301-480-2286; E-mail prachaya.srivanitchapoom@nih.gov; cloundbuffy@gmail.com; clound@hotmail.com

Word count: Abstract 232 words; Text 2,617 words

Number of references: 28

Number of Figures, Tables, and Video: 1, 3, and 1

A running title: Biomechanical properties in writer's cramp

Download English Version:

<https://daneshyari.com/en/article/5573513>

Download Persian Version:

<https://daneshyari.com/article/5573513>

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