Accepted Manuscript

Visual Scapular Dyskinesis: Kinematics and Muscle Activity Alterations in Patients with Subacromial Impingement Syndrome

Andrea Diniz Lopes, DSc, PT, Post-Doctoral Research Fellow Mark K. Timmons, PhD, ATC, Assistant Professor Molly Grover, BS, Undergraduate student Rozana Mesquita Ciconelli, PhD, MD, Professor Lori A. Michener, PhD, PT, ATC, Professor

PII: S0003-9993(14)01138-1

DOI: 10.1016/j.apmr.2014.09.029

Reference: YAPMR 55995

To appear in: ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION

Received Date: 26 May 2014

Revised Date: 2 September 2014
Accepted Date: 22 September 2014

Please cite this article as: Lopes AD, Timmons MK, Grover M, Ciconelli RM, Michener LA, Visual Scapular Dyskinesis: Kinematics and Muscle Activity Alterations in Patients with Subacromial Impingement Syndrome, *ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION* (2014), doi: 10.1016/j.apmr.2014.09.029.

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.



ACCEPTED MANUSCRIPT

1	Running head: Scapular dyskinesis and subacromial syndrome
2	
3	Visual Scapular Dyskinesis: Kinematics and Muscle Activity Alterations in Patients with
4	Subacromial Impingement Syndrome
5	
6	Andrea Diniz Lopes, DSc, PT ^{1,2}
7	Post-Doctoral Research Fellow
8	
9	Mark K Timmons, PhD, ATC ³
10	Assistant Professor
11	
12	Molly Grover, BS ⁴
13	Undergraduate student
14	
15	Rozana Mesquita Ciconelli, PhD, MD ¹
16	Professor
17	
18	Lori A Michener, PhD, PT, ATC ^{4,5}
19	Professor
20	
21	¹ Universidade Federal de Sao Paulo, Department of Medicine, Translational Medicine
22	Program, Sao Paulo, SP, Brazil.
23	² A.T. Still University, Research Support, Center for Clinical Outcomes Studies, Mesa, AZ,
24	USA.
25	³ Marshall University, School of Kinesiology, Huntington, WV, USA.

Download English Version:

https://daneshyari.com/en/article/6149442

Download Persian Version:

https://daneshyari.com/article/6149442

<u>Daneshyari.com</u>