### Author's Accepted Manuscript

Relative displacement tendon of the subsynovial connective tissue using ultrasound captures different phenomena than mechanical tendon shear

Jimmy Tat, Aaron M. Kociolek, Peter J. Keir



PII: S0021-9290(16)31051-X

DOI: http://dx.doi.org/10.1016/j.jbiomech.2016.09.038

Reference: BM7902

To appear in: Journal of Biomechanics Accepted date: 30 September 2016

Cite this article as: Jimmy Tat, Aaron M. Kociolek and Peter J. Keir, Relative displacement of the tendon and subsynovial connective tissue using ultrasound captures different phenomena than mechanical tendon shear, Journal c Biomechanics, http://dx.doi.org/10.1016/j.jbiomech.2016.09.038

This is a PDF file of an unedited manuscript that has been accepted fo publication. As a service to our customers we are providing this early version o the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable 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

# Relative displacement of the tendon and subsynovial connective tissue using ultrasound captures different phenomena than mechanical tendon shear

Jimmy Tat<sup>1</sup>, MSc, Aaron M. Kociolek<sup>2</sup>, PhD, Peter J. Keir, PhD<sup>3</sup>\*

<sup>1</sup>Department of Medicine, McGill University, Montreal, Quebec, Canada <sup>2</sup>Occupational Biomechanics Laboratory, Department of Kinesiology, McMaster University, Hamilton, ON, Canada, L8S 4K1.

<sup>3</sup>School of Physical and Health Education, Nipissing University, North Bay, ON, Canada.

#### \*Corresponding Author:

Peter J. Keir, PhD
McMaster University
Department of Kinesiology
Ivor Wynne Centre, room 212
1280 Main Street West
Hamilton, ON, Canada, L8S4K1
Telephone: 905-525-9140 ext. 23543
Email: pjkeir@mcmaster.ca

Submitted to: Journal of Biomechanics

Type: Original Article

Word count: 3382 (Introduction to Discussion)

#### Download English Version:

## https://daneshyari.com/en/article/5032348

Download Persian Version:

https://daneshyari.com/article/5032348

<u>Daneshyari.com</u>