Accepted Manuscript

Soft Tissue Artefacts of Skin Markers on the Lower Limb During Cycling: Effects of Joint Angles and Pedal Resistance

Jia-Da Li, Tung-Wu Lu, Cheng-Chung Lin, Mei-Ying Kuo, Horng-Chaung Hsu, Wu-Chung Shen

PII: S0021-9290(17)30178-1

DOI: http://dx.doi.org/10.1016/j.jbiomech.2017.03.018

Reference: BM 8169

To appear in: Journal of Biomechanics

Received Date: 3 October 2016 Revised Date: 20 March 2017 Accepted Date: 24 March 2017



Please cite this article as: J-D. Li, T-W. Lu, C-C. Lin, M-Y. Kuo, H-C. Hsu, W-C. Shen, Soft Tissue Artefacts of Skin Markers on the Lower Limb During Cycling: Effects of Joint Angles and Pedal Resistance, *Journal of Biomechanics* (2017), doi: http://dx.doi.org/10.1016/j.jbiomech.2017.03.018

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

Soft Tissue Artefacts of Skin Markers on the Lower Limb During Cycling: Effects of Joint Angles and Pedal Resistance

Jia-Da Li¹, Tung-Wu Lu^{1,2*}, Cheng-Chung Lin^{1,3}, Mei-Ying Kuo⁴, Horng-Chaung Hsu^{5,6} and Wu-Chung Shen^{7,8}

1 Institute of Biomedical Engineering, National Taiwan University, Taiwan, R.O.C.

- 2 Department of Orthopaedic Surgery, School of Medicine, National Taiwan University, Taiwan, R.O.C.
 - 3 Department of Electrical Engineering, Fu Jen Catholic University, Taiwan, R.O.C.
 - 4 Department of Physical Therapy, China Medical University, Taiwan, R.O.C.
 - 5 Department of Orthopaedics, China Medical University, Taiwan, R.O.C.
- 6 Department of Orthopaedic Surgery, School of Medicine, China Medical University, Taiwan, R.O.C.
 - 7 Department of Radiology, China Medical University Hospital, Taichung, Taiwan, R.O.C.
- 8 Department of Biomedical Imaging and Radiological Science, College of Health Care, China Medical University, Taichung, Taiwan, R.O.C.

Word count (abstract): 238
Word count (full manuscript): 3553

Submitted to Journal of Biomechanics
Special Issue on "Human Movement Analysis: The Soft Tissue Artefact Issue"

March 20, 2017

Correspondence to:

Dr. Tung-Wu Lu, D.Phil., Professor, Institute of Biomedical Engineering, National Taiwan University, Taipei, Taiwan, R.O.C. (E-mail: twlu@ntu.edu.tw)

Download English Version:

https://daneshyari.com/en/article/5031884

Download Persian Version:

https://daneshyari.com/article/5031884

<u>Daneshyari.com</u>