

Author's Accepted Manuscript

Reliability of gait analysis using wearable sensors
in patients with knee osteoarthritis

Dylan Kobsar, Sean T. Osis, Angkoon
Phinyomark, Jeffrey E. Boyd, Reed Ferber



PII: S0021-9290(16)31226-X
DOI: <http://dx.doi.org/10.1016/j.jbiomech.2016.11.047>
Reference: BM8008

To appear in: *Journal of Biomechanics*
Accepted date: 11 November 2016

Cite this article as: Dylan Kobsar, Sean T. Osis, Angkoon Phinyomark, Jeffrey E. Boyd and Reed Ferber, Reliability of gait analysis using wearable sensors in patients with knee osteoarthritis, *Journal of Biomechanics* <http://dx.doi.org/10.1016/j.jbiomech.2016.11.047>

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 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.

Original Article

Reliability of gait analysis using wearable sensors in patients with knee osteoarthritis.

Dylan Kobsar^{1*}, Sean T. Osis¹, Angkoon Phinyomark¹, Jeffrey E. Boyd², Reed Ferber^{1,3}

¹ Faculty of Kinesiology, University of Calgary, Calgary, Alberta, Canada

² Department of Computer Science, University of Calgary, Calgary, Alberta, Canada

³ Faculty of Nursing, University of Calgary, Calgary, Alberta, Canada

*Corresponding Author:

E-mail: dylan.kobsar@ucalgary.ca

2500 University Dr NW

Calgary, AB, Canada

T2N 1N4

Word Count: 3,626

Keywords: Accelerometer, Wearable Sensors, Reliability, Gait, Biomechanics

Download English Version:

<https://daneshyari.com/en/article/5032301>

Download Persian Version:

<https://daneshyari.com/article/5032301>

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