

Accepted Manuscript

A hill-type muscle model expansion accounting for effects of varying transverse muscle load

Tobias Siebert, Norman Stutzig, Christian Rode

PII: S0021-9290(17)30583-3

DOI: <https://doi.org/10.1016/j.jbiomech.2017.10.043>

Reference: BM 8445

To appear in: *Journal of Biomechanics*

Accepted Date: 28 October 2017



Please cite this article as: T. Siebert, N. Stutzig, C. Rode, A hill-type muscle model expansion accounting for effects of varying transverse muscle load, *Journal of Biomechanics* (2017), doi: <https://doi.org/10.1016/j.jbiomech.2017.10.043>

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.

A hill-type muscle model expansion accounting for effects of varying transverse muscle load

Tobias Siebert ^{a*}, Norman Stutzig ^a, Christian Rode ^b

^a Institute of Sport and Motion Science, University of Stuttgart, Stuttgart, Germany

^b Department of Motion Science, Friedrich-Schiller University Jena, Jena, Germany

*corresponding author: Tobias Siebert

Institute of Sport and Motion Science

University of Stuttgart

Allmandring 28

D-70569 Stuttgart

Germany

Phone: +49 (0711) 685 60455

Fax: +49 (0711) 685 63165

Mail: tobias.siebert@inspo.uni-stuttgart.de

Article type: original article (max 3500 words)

Word count: 3293

Keywords: muscle compression, impact load, isometric contraction, Rattus norvegicus, gastrocnemius

Download English Version:

<https://daneshyari.com/en/article/7236859>

Download Persian Version:

<https://daneshyari.com/article/7236859>

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