Accepted Manuscript

Title: The relationship between functionality and erector spinae activity in patients with specific low back pain during dynamic and static movements

Authors: Sebastian Becker, Ferdinand Bergamo, Klaus J. Schnake, Sylvia Schreyer, Ingo V. Rembitzki, Catherine Disselhorst-Klug

PII: S0966-6362(18)30740-9

DOI: https://doi.org/10.1016/j.gaitpost.2018.08.042

Reference: GAIPOS 6498

To appear in: Gait & Posture

Received date: 18-6-2018 Revised date: 15-8-2018 Accepted date: 31-8-2018

Please cite this article as: Becker S, Bergamo F, Schnake KJ, Schreyer S, Rembitzki IV, Disselhorst-Klug C, The relationship between functionality and erector spinae activity in patients with specific low back pain during dynamic and static movements, *Gait and amp; Posture* (2018), https://doi.org/10.1016/j.gaitpost.2018.08.042

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

The relationship between functionality and erector spinae activity in patients with specific low back pain during dynamic and static movements

Sebastian Becker 1* · Ferdinand Bergamo 1 · Klaus J. Schnake 2 · Sylvia Schreyer 2 · Ingo V. Rembitzki 3 · Catherine Disselhorst-Klug 1

*Correspondence:

Sebastian Becker, Institute of Applied Medical Engineering,

Department of Rehabilitation and Prevention Engineering,

RWTH Aachen University,

Pauwelsstraße 20, 52074 Aachen, Germany.

Phone: +49 241 80 - 89248 becker@ame.rwth-aachen.de

Number of words (abstract): 283

Number of words (manuscript): 3342

Number of figures: 4 Number of tables: 1

¹ Department of Rehabilitation and Prevention Engineering, Institute of Applied Medical Engineering, RWTH Aachen University, Aachen, Germany

² Center for Spine and Scoliosis Therapy, Schön Clinic Fürth Nuremberg, Fürth, Germany

³ Department of Clinical Research and Studies, Össur Deutschland GmbH, Frechen, Germany

Download English Version:

https://daneshyari.com/en/article/10129817

Download Persian Version:

https://daneshyari.com/article/10129817

Daneshyari.com