

Accepted Manuscript

The effect of follower load on the intersegmental coupled motion characteristics of the human thoracic spine: An in vitro study using entire rib cage specimens

Christian Liebsch, Nicolas Graf, Hans-Joachim Wilke

PII: S0021-9290(18)30459-7

DOI: <https://doi.org/10.1016/j.jbiomech.2018.06.025>

Reference: BM 8763

To appear in: *Journal of Biomechanics*

Received Date: 31 January 2018

Revised Date: 12 June 2018

Accepted Date: 19 June 2018



Please cite this article as: C. Liebsch, N. Graf, H-J. Wilke, The effect of follower load on the intersegmental coupled motion characteristics of the human thoracic spine: An in vitro study using entire rib cage specimens, *Journal of Biomechanics* (2018), doi: <https://doi.org/10.1016/j.jbiomech.2018.06.025>

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.

Original article

The effect of follower load on the intersegmental coupled motion characteristics of the human thoracic spine: An in vitro study using entire rib cage specimens

Christian Liebsch^a, Nicolas Graf^{a,b}, Hans-Joachim Wilke^{a,*}

^a Institute of Orthopaedic Research and Biomechanics, Trauma Research Centre Ulm, Ulm University, Ulm, Germany

^b SpineServ GmbH & Co. KG, Ulm, Germany

* Corresponding author at: Institute of Orthopaedic Research and Biomechanics, Helmholtzstraße 14, 89081 Ulm, Germany.

Tel.: +49 731 500 55301; fax: +49 731 500 55302

E-mail address: hans-joachim.wilke@uni-ulm.de (H.-J. Wilke)

Key words: Thoracic spine, Rib cage, Coupled motions, Follower load, In vitro study

Word count: 3941 (Introduction through Discussion)

Download English Version:

<https://daneshyari.com/en/article/8960647>

Download Persian Version:

<https://daneshyari.com/article/8960647>

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