## Accepted Manuscript

Effects of intervertebral disc lesion and multifidus muscle resection on the structure of the lumbar intervertebral discs and paraspinal musculature of the rat

Huub Maas, Wendy Noort, Paul W. Hodges, Jaap van Dieën

PII: S0021-9290(18)30018-6

DOI: https://doi.org/10.1016/j.jbiomech.2018.01.004

Reference: BM 8520

To appear in: Journal of Biomechanics

Accepted Date: 8 January 2018



Please cite this article as: H. Maas, W. Noort, P.W. Hodges, J. van Dieën, Effects of intervertebral disc lesion and multifidus muscle resection on the structure of the lumbar intervertebral discs and paraspinal musculature of the rat, *Journal of Biomechanics* (2018), doi: https://doi.org/10.1016/j.jbiomech.2018.01.004

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

Effects of intervertebral disc lesion and multifidus muscle resection on the structure of the lumbar intervertebral discs and paraspinal musculature of the rat

Huub Maas<sup>1</sup>, Wendy Noort<sup>1</sup>, Paul W. Hodges<sup>2</sup>, Jaap van Dieën<sup>1</sup>

<sup>1</sup>Department of Human Movement Sciences, Faculty of Behavioural and Movement Sciences, Vrije Universiteit Amsterdam, , Amsterdam Movement Sciences, The Netherlands

<sup>2</sup> The University of Queensland, Centre for Clinical Research Excellence in Spinal Pain, Injury and Health, School of Health & Rehabilitation Sciences, Brisbane Queensland, Australia.

Original Article

Journal of Biomechanics (special issue related to workshop spine loading)

Keywords: low back pain, spinal stability, animal model, spine, intervertebral disc degeneration

Word count (Introduction through Discussion): 3450

Corresponding author

Huub Maas, Department of Human Movement Sciences, Faculty of Behavioural and Movement Sciences, Amsterdam Movement Sciences, Vrije Universiteit Amsterdam, The Netherlands.

email: h.maas@vu.nl

## Download English Version:

## https://daneshyari.com/en/article/7236538

Download Persian Version:

https://daneshyari.com/article/7236538

<u>Daneshyari.com</u>