Author's Accepted Manuscript

Structural and mechanical characterization of the peri-prosthetic tissue surrounding loosened hip prostheses. An explorative study

Astrid Moerman, Amir Zadpoor, Angela Oostlander, Monique Schoeman, Parisa Rahnamay Moshtagh, Behdad Pouran, Edward Valstar



 PII:
 S1751-6161(16)30073-X

 DOI:
 http://dx.doi.org/10.1016/j.jmbbm.2016.04.009

 Reference:
 JMBBM1876

To appear in: Journal of the Mechanical Behavior of Biomedical Materials

Received date: 9 February 2016 Revised date: 31 March 2016 Accepted date: 6 April 2016

Cite this article as: Astrid Moerman, Amir Zadpoor, Angela Oostlander, Monique Schoeman, Parisa Rahnamay Moshtagh, Behdad Pouran and Edward Valstar, Structural and mechanical characterization of the peri-prosthetic tissue surrounding loosened hip prostheses. An explorative study, *Journal of th Mechanical Behavior of Biomedical Materials* http://dx.doi.org/10.1016/j.jmbbm.2016.04.009

This is a PDF file of an unedited manuscript that has been accepted fo publication. As a service to our customers we are providing this early version o 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

ACCEPTED MANUSCRIPT

FOR SUBMISSION TO JOURNAL OF THE MECHANICAL BEHAVIOR OF BIOMEDICAL MATERIALS

Structural and mechanical characterization of the peri-prosthetic tissue surrounding loosened hip prostheses. An explorative study.

Astrid Moerman^{1,2}, Amir Zadpoor², Angela Oostlander¹, Monique Schoeman¹, Parisa Rahnamay Moshtagh^{2,3}, Behdad Pouran^{2,3}, Edward Valstar^{1,2}

¹Department of Orthopaedics, Leiden University Medical Center, Leiden The Netherlands

²Department of Biomechanical Engineering, Faculty of Mechanical, Maritime, and Materials Engineering, Delft University of Technology, Delft, The Netherlands

³Department of Orthopaedics, University Medical Center Utrecht, Utrecht, the Netherlands

Corresponding author: Edward Valstar

Telephone number: +31-(0)71-5262975

Accer

Email address:

e.r.valstar@lumc.nl

Download English Version:

https://daneshyari.com/en/article/7207836

Download Persian Version:

https://daneshyari.com/article/7207836

Daneshyari.com