

# Accepted Manuscript

Title: Evaluation of a PEEK titanium composite interbody spacer in an ovine lumbar interbody fusion model: a biomechanical, micro-computed tomography, and histologic analyses.

Author: Kirk C. McGilvray, Erik I. Waldorff, Jeremiah Easley, Howard B. Seim, Nianli Zhang, Raymond J. Linovitz, James T. Ryaby, Christian M. Puttlitz



PII: S1529-9430(17)30308-X  
DOI: <http://dx.doi.org/doi: 10.1016/j.spinee.2017.06.034>  
Reference: SPINEE 57374

To appear in: *The Spine Journal*

Received date: 21-3-2017  
Revised date: 26-5-2017  
Accepted date: 26-6-2017

Please cite this article as: Kirk C. McGilvray, Erik I. Waldorff, Jeremiah Easley, Howard B. Seim, Nianli Zhang, Raymond J. Linovitz, James T. Ryaby, Christian M. Puttlitz, Evaluation of a PEEK titanium composite interbody spacer in an ovine lumbar interbody fusion model: a biomechanical, micro-computed tomography, and histologic analyses., *The Spine Journal* (2017), <http://dx.doi.org/doi: 10.1016/j.spinee.2017.06.034>.

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.

**Title:**

Evaluation of a PEEK titanium composite interbody spacer in an ovine lumbar interbody fusion model: A biomechanical, micro-computed tomography, and histologic analyses.

**Authors**

Kirk C. McGilvray<sup>\*1</sup>, Erik I. Waldorff <sup>2</sup>, Jeremiah Easley <sup>3</sup>, Howard B. Seim <sup>3</sup>, Nianli Zhang <sup>2</sup>, Raymond J. Linovitz <sup>2</sup>, James T. Ryaby <sup>2</sup>, Christian M. Puttlitz<sup>1</sup>

**Affiliations**

<sup>1</sup> Orthopaedic Bioengineering Research Laboratory, Department of Mechanical Engineering, Colorado State University, Fort Collins, Colorado

<sup>2</sup> Orthofix, Inc., Lewisville, TX

<sup>3</sup> Preclinical Surgical Research Laboratory (PSRL), Colorado State University, Fort Collins, CO

**\* Corresponding Author**

Kirk C McGilvray, Ph.D.

Address: 1374 Campus Delivery, Fort Collins, CO 80523-1374

Office: 970-491-0343

Email: kirkmcgilvray@gmail.com

**Author's Contributions**

All authors have read and approved the final submitted manuscript.

**Disclosures**

Kirk C. McGilvray has nothing to disclose.

Erik I. Waldorff is an employee of Orthofix, Inc., Lewisville, TX

Jeremiah Easley has nothing to disclose

Howard B. Seim has nothing to disclose

Nianli Zhang is an employee of Orthofix, Inc., Lewisville, TX

Raymond J. Linovitz is an employee of Orthofix, Inc., Lewisville, TX

James T. Ryaby is an employee of Orthofix, Inc., Lewisville, TX

Christian M. Puttlitz has nothing to disclose

Download English Version:

<https://daneshyari.com/en/article/8804674>

Download Persian Version:

<https://daneshyari.com/article/8804674>

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