

Accepted Manuscript

Full length article

Comparison of a resorbable magnesium implant in small and large growing animal models

N.G. Grün, P. Holweg, S. Tangl, J. Eichler, L. Berger, J.J.J.P. van den Beucken, J.F. Löffler, T. Klestil, A.M. Weinberg

PII: S1742-7061(18)30447-1

DOI: <https://doi.org/10.1016/j.actbio.2018.07.044>

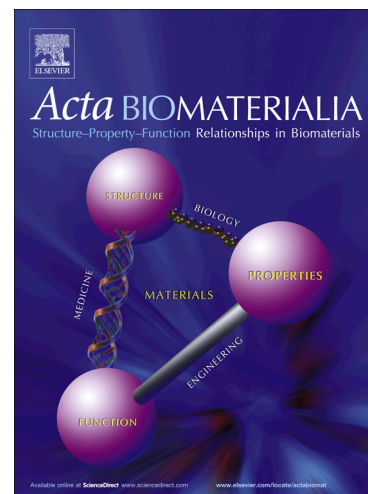
Reference: ACTBIO 5593

To appear in: *Acta Biomaterialia*

Received Date: 21 April 2018

Revised Date: 19 June 2018

Accepted Date: 23 July 2018



Please cite this article as: Grün, N.G., Holweg, P., Tangl, S., Eichler, J., Berger, L., van den Beucken, J.J.J.P., Löffler, J.F., Klestil, T., Weinberg, A.M., Comparison of a resorbable magnesium implant in small and large growing animal models, *Acta Biomaterialia* (2018), doi: <https://doi.org/10.1016/j.actbio.2018.07.044>

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.

Comparison of a resorbable magnesium implant in small and large growing animal models

Running title: Resorbable magnesium implant in animal models

Grün NG¹, Holweg P¹, Tangl S², Eichler J¹, Berger L³, van den Beucken JJJP⁴, Löffler JF³, Klestil T^{5,6}, Weinberg AM¹

¹Department of Orthopedics and Traumatology, Medical University of Graz, Graz, Austria

²Karl Donath Laboratory for Hard Tissue and Biomaterial Research, School of Dentistry, Medical University of Vienna, and Austrian Cluster for Tissue Regeneration, Vienna, Austria.

³Laboratory of Metal Physics and Technology, Department of Materials, ETH Zurich, Zurich, Switzerland

⁴Department of Biomaterials (309), Radboud University Nijmegen Medical Center, Nijmegen, The Netherlands

⁵LK Baden-Mödling-Hainburg, Department of Orthopedic Surgery and Traumatology, Waltersdorferstraße 75, A-2500 Baden, Austria

⁶Danube University Krems, Faculty of Health and Medicine, Department for Health Sciences and Biomedicine, Center for Medical Specializations, Dr. Karl-Dorrek-Str. 30, A-3500 Krems

Correspondance to: Annelie M Weinberg, Department of Orthopedics and Traumatology, Medical University of Graz. Email: anneliemartina.weinberg@medunigraz.at

Download English Version:

<https://daneshyari.com/en/article/8959753>

Download Persian Version:

<https://daneshyari.com/article/8959753>

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