

Accepted Manuscript

Micro finite element analysis of dental implants under different loading conditions

Petr Marcián, Jan Wolff, Ladislava Horáčková, Jozef Kaiser, Tomáš Zikmund, Libor Borák



PII: S0010-4825(18)30069-6

DOI: [10.1016/j.combiomed.2018.03.012](https://doi.org/10.1016/j.combiomed.2018.03.012)

Reference: CBM 2919

To appear in: *Computers in Biology and Medicine*

Received Date: 8 January 2018

Revised Date: 16 March 2018

Accepted Date: 16 March 2018

Please cite this article as: P. Marcián, J. Wolff, L. Horáčková, J. Kaiser, Tomáš. Zikmund, L. Borák, Micro finite element analysis of dental implants under different loading conditions, *Computers in Biology and Medicine* (2018), doi: 10.1016/j.combiomed.2018.03.012.

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.

Micro Finite Element Analysis of Dental Implants under Different Loading Conditions

Petr Marcián^{1*}, Jan Wolff², Ladislava Horáčková³, Jozef Kaiser⁴, Tomáš Zikmund⁴, and Libor Borák¹

1 Institute of Solid Mechanics, Mechatronics and Biomechanics, Faculty of Mechanical Engineering, Brno University of Technology, Brno, Czech Republic

2 Department of Oral and Maxillofacial Surgery/Oral Pathology and 3D Innovation lab, VU University Medical Center, Amsterdam, The Netherlands

3 Department of Anatomy, Faculty of Medicine, Masaryk University, Brno, Czech Republic

4 X-ray micro CT and nano CT research group, CEITEC - Central European Institute of Technology, Brno University of Technology, Brno, Czech Republic

*Corresponding author

E-mail:

marcian@fme.vutbr.cz

Download English Version:

<https://daneshyari.com/en/article/6920570>

Download Persian Version:

<https://daneshyari.com/article/6920570>

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