

Accepted Manuscript

Full length article

Influence of pore size of porous titanium fabricated by vacuum diffusion bonding of titanium meshes on cell penetration and bone ingrowth

Bei Chang, Wen Song, Tianxiao Han, Jun Yan, Fuping Li, Lingzhou Zhao, Hongchao Kou, Yumei Zhang

PII: S1742-7061(16)30023-X

DOI: <http://dx.doi.org/10.1016/j.actbio.2016.01.022>

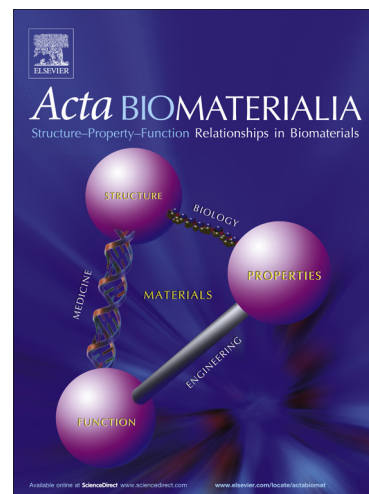
Reference: ACTBIO 4075

To appear in: *Acta Biomaterialia*

Received Date: 12 October 2015

Revised Date: 26 December 2015

Accepted Date: 19 January 2016



Please cite this article as: Chang, B., Song, W., Han, T., Yan, J., Li, F., Zhao, L., Kou, H., Zhang, Y., Influence of pore size of porous titanium fabricated by vacuum diffusion bonding of titanium meshes on cell penetration and bone ingrowth, *Acta Biomaterialia* (2016), doi: <http://dx.doi.org/10.1016/j.actbio.2016.01.022>

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.

Influence of pore size of porous titanium fabricated by vacuum diffusion bonding of titanium meshes on cell penetration and bone ingrowth

Bei Chang^{1#}, Wen Song^{1#}, Tianxiao Han^{1#}, Jun Yan², Fuping Li³, Lingzhou Zhao⁴, Hongchao Kou^{3*}, Yumei Zhang^{1*}

¹State Key Laboratory of Military Stomatology, Department of Prosthetic Dentistry, School of stomatology, The Fourth Military Medical University, Xi'an 710032, PR China;

²The Second Artillery Engineering University, No. 2 Tongxin Road, Xi'an 710025, China

³State Key Laboratory of Solidification Processing, Northwestern Polytechnical University, Xi'an 710072, PR China;

⁴State Key Laboratory of Military Stomatology, Department of Periodontology, School of Stomatology, The Fourth Military Medical University, Xi'an 710032, PR China;

#These authors contributed equally to the work.

*Corresponding authors:

Yumei Zhang, State Key Laboratory of Military Stomatology, Department of Prosthetic Dentistry, School of Stomatology, The Fourth Military Medical University, No. 145 West Changle Road,

Xi'an 710032, PR China. Tel +86 29 84776090; Fax +86 29 84776096. Email:

wqtzym@fmmu.edu.cn

Hongchao Kou, State Key Laboratory of Solidification Processing, Northwestern Polytechnical

Download English Version:

<https://daneshyari.com/en/article/6483337>

Download Persian Version:

<https://daneshyari.com/article/6483337>

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