

Author's Accepted Manuscript

Fabrications of zinc-releasing biocement combining zinc calcium phosphate to calcium phosphate cement

Shinya Horiuchi, Masahiko Hiasa, Akihiro Yasue, Kazumitsu Sekine, Kenichi Hamada, Kenzo Asaoka, Eiji Tanaka



www.elsevier.com/locate/jmbbm

PII: S1751-6161(13)00306-8
DOI: <http://dx.doi.org/10.1016/j.jmbbm.2013.09.005>
Reference: JMBBM963

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

Received date: 8 July 2013
Revised date: 29 August 2013
Accepted date:
1 September 2013

Cite this article as: Shinya Horiuchi, Masahiko Hiasa, Akihiro Yasue, Kazumitsu Sekine, Kenichi Hamada, Kenzo Asaoka, Eiji Tanaka, Fabrications of zinc-releasing biocement combining zinc calcium phosphate to calcium phosphate cement, *Journal of the Mechanical Behavior of Biomedical Materials*, <http://dx.doi.org/10.1016/j.jmbbm.2013.09.005>

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 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.

**Fabrications of zinc-releasing biocement combining zinc calcium phosphate to
calcium phosphate cement**

Shinya Horiuchi^a, Masahiko Hiasa^b, Akihiro Yasue^a, Kazumitsu Sekine^b,
Kenichi Hamada^b, Kenzo Asaoka^b, Eiji Tanaka^{a*}

^a Department of Orthodontics and Dentofacial Orthopedics, Institute of Health Biosciences, The University of Tokushima Graduate School, 3-18-15 Kuramoto-cho, Tokushima 770-8504, Japan

^b Department of Biomaterials and Bioengineering, Institute of Health Biosciences, The University of Tokushima Graduate School, 3-18-15 Kuramoto-cho, Tokushima 770-8504, Japan

*Corresponding Author:

Eiji Tanaka

Department of Orthodontics and Dentofacial Orthopedics, Institute of Health Biosciences, The University of Tokushima Graduate School, 3-18-15 Kuramoto-cho, Tokushima 770-8504, Japan

Tel +81-88-633-7357; Fax +81-88-633-9138

e-mail: etanaka@tokushima-u.ac.jp

Download English Version:

<https://daneshyari.com/en/article/7209080>

Download Persian Version:

<https://daneshyari.com/article/7209080>

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