Accepted Manuscript

Title: Preparation of antibacterial chitosan membranes containing silver nanoparticles for dental barrier membrane applications

Authors: Donghyun Lee, Sang Jin Lee, Ji-Hoi Moon, Joo Hyoung Kim, Dong Nyoung Heo, Jae Beum Bang, Ho-Nam Lim, Il Keun Kwon

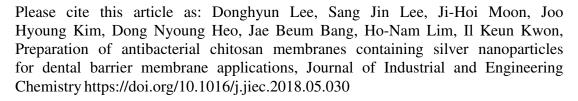
PII: S1226-086X(18)30259-4

DOI: https://doi.org/10.1016/j.jiec.2018.05.030

Reference: JIEC 4014

To appear in:

Received date: 8-3-2018 Revised date: 18-4-2018 Accepted date: 21-5-2018



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.



ACCEPTED MANUSCRIPT

Preparation of antibacterial chitosan membranes containing silver nanoparticles for dental barrier membrane applications

Donghyun Lee^{1a}, Sang Jin Lee^{2a}, Ji-Hoi Moon³, Joo Hyoung Kim⁴, Dong Nyoung Heo², Jae Beum Bang⁵, Ho-Nam Lim², Il Keun Kwon^{2,*}

¹ Department of Dentistry, Graduate School, Kyung Hee University, 26, Kyungheedae-ro, Dongdaemun-gu, Seoul 02477, Korea

² Department of Dental Materials, School of Dentistry, Kyung Hee University, 26, Kyungheedae-ro, Dongdaemun-gu, Seoul 02477, Korea

³ Department of Maxillofacial Biomedical Engineering, School of Dentistry, Kyung Hee University, 26 Kyungheedae-ro, Dongdaemun-gu, Seoul 02447, Korea

⁴ Department of Prosthodontics, School of Dentistry, Kyung Hee university, 26, Kyungheedaero, Dongdaemun-gu, Seoul 02477, Korea

⁵ Department of Dental Education, School of Dentistry, Kyung Hee university, 26, Kyungheedae-ro, Dongdaemun-gu, Seoul 02477, Korea

^a These authors equally contributed to this work.

* Correspondence to Il Keun Kwon, Ph. D.

Department of Dental Materials, School of Dentistry, Kyung Hee University, 26, Kyungheedae-ro, Dongdaemun-gu, Seoul 02477, Korea

Tel.: 82-2-961-0350, Fax: 82-2-960-1457

Download English Version:

https://daneshyari.com/en/article/10150535

Download Persian Version:

https://daneshyari.com/article/10150535

<u>Daneshyari.com</u>