### Accepted Manuscript

Title: Effect of Direct Current Electrical Stimulation on the

Recovery of Facial Nerve Crush Injury

Authors: Chul Ho Jang, JiUn Lee, Geun Hyung Kim

PII: S1226-086X(18)30132-1

DOI: https://doi.org/10.1016/j.jiec.2018.03.011

Reference: JIEC 3911

To appear in:

Received date: 19-12-2017 Revised date: 3-3-2018 Accepted date: 6-3-2018



Please cite this article as: Chul Ho Jang, JiUn Lee, Geun Hyung Kim, Effect of Direct Current Electrical Stimulation on the Recovery of Facial Nerve Crush Injury, Journal of Industrial and Engineering Chemistry https://doi.org/10.1016/j.jiec.2018.03.011

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

## Effect of Direct Current Electrical Stimulation on the Recovery of Facial Nerve Crush Injury

Chul Ho Jang<sup>1,†,\*</sup>, JiUn Lee<sup>2,†</sup>, Geun Hyung Kim<sup>2,\*</sup>

<sup>1</sup>Department of Otolaryngology, Chonnam National University Medical School, Gwangju, South Korea

<sup>2</sup>Department of Biomechatronic Engineering, College of Biotechnology and Bioengineering, Sungkyunkwan University (SKKU), Suwon, South Korea

<sup>†</sup>These authors contributed equally to this study.

Running title: Electrical Stimulation on Recovery after Facial Nerve Crush

\*Corresponding authors

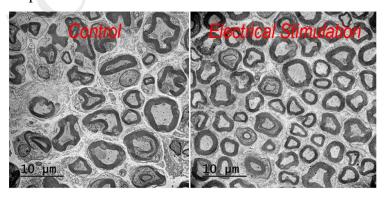
Prof. Chul Ho Jang

Department of Otolaryngology, Chonnam National University Hospital, Gwangju, South Korea; Phone: +82 622206774; FAX: +82 622206776; Email address: jchsavio@gmail.com

#### Prof. Geun Hyung Kim

Department of Biomechatronic Engineering, College of Biotechnology and Bioengineering, Sungkyunkwan University (SKKU), Suwon, South Korea; Phone: +82 312907828; Email address: gkimbme@skku.edu

#### Graphical abstract



#### Download English Version:

# https://daneshyari.com/en/article/6666195

Download Persian Version:

https://daneshyari.com/article/6666195

<u>Daneshyari.com</u>