

Accepted Manuscript

Title: Clonidine as an adjuvant for propranolol enhances its effect on infiltrative cutaneous analgesia in rats

Author: Ching-Hsia Hung Chong-Chi Chiu Kuo-Sheng Liu
Jhi-Joung Wang Yu-Wen Chen



PII: S0304-3940(16)30053-2
DOI: <http://dx.doi.org/doi:10.1016/j.neulet.2016.01.054>
Reference: NSL 31812

To appear in: *Neuroscience Letters*

Received date: 28-5-2015
Revised date: 13-1-2016
Accepted date: 26-1-2016

Please cite this article as: Ching-Hsia Hung, Chong-Chi Chiu, Kuo-Sheng Liu, Jhi-Joung Wang, Yu-Wen Chen, Clonidine as an adjuvant for propranolol enhances its effect on infiltrative cutaneous analgesia in rats, *Neuroscience Letters* <http://dx.doi.org/10.1016/j.neulet.2016.01.054>

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.

Clonidine as an adjuvant for propranolol enhances its effect on infiltrative cutaneous analgesia in rats

Ching-Hsia Hung^{1,2}, Ph.D., Chong-Chi Chiu^{3,4}, M.D., Kuo-Sheng Liu⁵, Ph.D., Jhi-Joung Wang⁶, M.D., Ph.D., Yu-Wen Chen^{6,7,*}, Ph.D.

¹ Department of Physical Therapy, College of Medicine, National Cheng Kung University, Tainan, Taiwan

² Institute of Allied Health Sciences, College of Medicine, National Cheng Kung University, Tainan, Taiwan

³ Department of General Surgery, Chi Mei Medical Center, Tainan and Liouying, Taiwan

⁴ Department of Electrical Engineering, Southern Taiwan University of Science and Technology, Tainan, Taiwan

⁵ Department of Pharmacy, Chia Nan University of Pharmacy and Science, Tainan, Taiwan

⁶ Department of Medical Research, Chi Mei Medical Center, Tainan, Taiwan

⁷ Department of Physical Therapy, College of Health Care, China Medical University, Taichung, Taiwan

***Corresponding author:**

Yu-Wen Chen, PhD.

Department of Physical Therapy

China Medical University

No.91 Hsueh-Shih Road, Taichung 40402, Taiwan

Phone: 886-4-22053366 ext 7313

FAX: 886-4-22065051

Email: cywhwok@mail.cmu.edu.tw

Download English Version:

<https://daneshyari.com/en/article/6279790>

Download Persian Version:

<https://daneshyari.com/article/6279790>

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