Accepted Manuscript

Understanding facial expressions of pain in patients with depression

Stefan Lautenbacher, Karl-Juergen Bär, Patricia Eisold, Miriam Kunz

PII: \$1526-5900(16)30336-4

DOI: 10.1016/j.jpain.2016.11.011

Reference: YJPAI 3336

To appear in: Journal of Pain

Received Date: 8 August 2016

Revised Date: 6 November 2016

Accepted Date: 24 November 2016

Please cite this article as: Lautenbacher S, Bär K-J, Eisold P, Kunz M, Understanding facial expressions of pain in patients with depression, *Journal of Pain* (2017), doi: 10.1016/j.jpain.2016.11.011.

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

Understanding facial expressions of pain in patients with depression

¹Stefan Lautenbacher, ²Karl-Juergen Bär, ²Patricia Eisold, ³Miriam Kunz

¹Physiological Psychology, University of Bamberg, Bamberg, Germany

² Psychiatric Brain and Body Research Group Jena, Department of Psychiatry and

Psychotherapy, University Hospital Jena, Jena, Germany

³Department of General Practice and Elderly Care Medicine, University Medical Center

Groningen, Groningen, University of Groningen, The Netherlands

Corresponding author:

Stefan Lautenbacher, Prof., PhD Physiological Psychology University of Bamberg

Markuspl. 3

Germany - 96045 Bamberg

e-mail: stefan.lautenbacher@uni-bamberg.de

phone: +49-951-8631851

fax: +49-951-8631976

Disclosures: There are no financial or other relationships that might lead to a conflict of interest. This research did not receive any specific grant from funding agencies in the public, commercial, or not-for-profit sectors.

Download English Version:

https://daneshyari.com/en/article/5578055

Download Persian Version:

https://daneshyari.com/article/5578055

<u>Daneshyari.com</u>