

Accepted Manuscript

Title: Differentiation of patients with chronic Post Traumatic Stress Disorder from healthy subjects using objective and subjective sleep-related parameters

Authors: Masoud Tahmasian, Hamidreza Jamalabadi, Mina Abedini, Mohammad R. Ghadami, Amir A. Sepehry, David C. Knight, Habibolah Khazaie



PII: S0304-3940(17)30343-9
DOI: <http://dx.doi.org/doi:10.1016/j.neulet.2017.04.042>
Reference: NSL 32783

To appear in: *Neuroscience Letters*

Received date: 10-12-2016
Revised date: 20-4-2017
Accepted date: 21-4-2017

Please cite this article as: Masoud Tahmasian, Hamidreza Jamalabadi, Mina Abedini, Mohammad R. Ghadami, Amir A. Sepehry, David C. Knight, Habibolah Khazaie, Differentiation of patients with chronic Post Traumatic Stress Disorder from healthy subjects using objective and subjective sleep-related parameters, *Neuroscience Letters* <http://dx.doi.org/10.1016/j.neulet.2017.04.042>

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.

Differentiation of patients with chronic Post Traumatic Stress Disorder from healthy subjects using objective and subjective sleep-related parameters

Masoud Tahmasian^{1,2*} M.D., Ph.D., Hamidreza Jamalabadi^{3*} M.Sc., Mina Abedini² M.D., Mohammad R. Ghadami² M.D., Amir A. Sepehry⁴ M.Sc., Ph.D., David C. Knight⁵ Ph.D., Habibolah Khazaie^{2‡} M.D.

* *M.T. and H.J. contributed equally to this work.*

¹ *Institute of Medical Science and Technology, Shahid Beheshti University, Tehran, Iran.*

² *Sleep Disorders Research Center, Kermanshah University of Medical Sciences (KUMS), Kermanshah, Iran.*

³ *Medical Psychology and Behavioral Neurobiology, University of Tübingen, Tübingen, Germany.*

⁴ *Division of Neurology, Faculty of Medicine, University of British Columbia, Vancouver, BC, Canada.*

⁵ *Department of Psychology, University of Alabama at Birmingham, Birmingham, Alabama, USA.*

‡Corresponding Author: Habibolah Khazaie M.D., Sleep Disorders Research Center, Kermanshah University of Medical Sciences (KUMS), Kermanshah, Iran. PO Box: 6719851151, Email: hakhazaie@gmail.com

Running title: Classification of PTSD

Highlights:

- Classification accuracy using subjective sleep-related parameters was superior to objective measurements to differentiate chronic PTSD patients from healthy subjects.
- Combination of subjective and objective sleep-related parameters assessment appears to improve the classification accuracy for differentiating PTSD patients from healthy individuals.

Count: Title (18),

Abstract (215), Text (3292), References (51), Figure (1), Table (2).

Conflict of interest statement: The authors declare that the research was conducted in the absence of any commercial or financial relationships that could be construed as a potential conflict of interest.

Download English Version:

<https://daneshyari.com/en/article/5738361>

Download Persian Version:

<https://daneshyari.com/article/5738361>

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