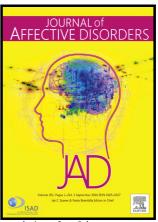
Author's Accepted Manuscript

Reduced resting-state thalamostriatal functional connectivity is associated with excessive daytime sleepiness in persons with and without depressive disorders

David T. Plante, Rasmus M. Birn, Erin C. Walsh, Roxanne M. Hoks, M. Daniela Cornejo, Heather C. Abercrombie



www.elsevier.com/locate/jad

PII: S0165-0327(17)31617-8

DOI: https://doi.org/10.1016/j.jad.2017.11.054

Reference: JAD9368

To appear in: Journal of Affective Disorders

Received date: 2 August 2017 Revised date: 3 October 2017 Accepted date: 12 November 2017

Cite this article as: David T. Plante, Rasmus M. Birn, Erin C. Walsh, Roxanne M. Hoks, M. Daniela Cornejo and Heather C. Abercrombie, Reduced resting-state thalamostriatal functional connectivity is associated with excessive daytime sleepiness in persons with and without depressive disorders, *Journal of Affective Disorders*, https://doi.org/10.1016/j.jad.2017.11.054

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 galley proof before it is published in its final citable 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

Reduced resting-state thalamostriatal functional connectivity is associated with excessive daytime sleepiness in persons with and without depressive disorders

David T. Plante, M.D^{1*}, Rasmus M. Birn, Ph.D¹, Erin C. Walsh, Ph.D², Roxanne M. Hoks¹, B.A., M. Daniela Cornejo, Ph.D³, Heather C. Abercrombie, Ph.D¹

¹Department of Psychiatry, University of Wisconsin School of Medicine and Public Health, Madison, WI, USA.

²Department of Psychiatry, University of North Carolina-Chapel Hill, Chapel Hill, NC, USA.

³Department of Radiology, University of California-San Diego, San Diego, CA, USA.

*Corresponding author.:, Wisconsin Psychiatric Institute and Clinics, 6001 Research Park Blvd., Madison, WI 53719, dplante@wisc.edu, Tel. (608)-262-0130, (608)-263-0265 (fax)

Abstract:

Background:

Excessive daytime sleepiness (EDS) is a common and significant problem encountered in affective illness, however, the biological underpinnings of EDS in persons with psychiatric disorders are not clear. This study evaluated the associations between thalamic connectivity with cortical and subcortical brain regions with EDS in persons with and without depressive disorders (DD).

Methods:

Resting-state functional connectivity magnetic resonance imaging scans from 67 unmedicated young to middle-aged women with current DD (n=30), remitted DD (n=13), and healthy controls (n=24) were utilized to examine the associations between thalamic connectivity with cortical/subcortical structures and EDS.

Results:

Download English Version:

https://daneshyari.com/en/article/8815937

Download Persian Version:

https://daneshyari.com/article/8815937

<u>Daneshyari.com</u>