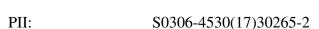
Accepted Manuscript

Title: Diurnal Cortisol Slopes and Mental and Physical Health Outcomes: A Systematic Review and Meta-analysis

Authors: Emma K. Adam, Meghan E. Quinn, Royette Tavernier, Mollie T. McQuillan, Katie A. Dahlke, Kirsten E. Gilbert



DOI: http://dx.doi.org/doi:10.1016/j.psyneuen.2017.05.018

Reference: PNEC 3633

To appear in:

Received date: 17-3-2017 Revised date: 16-5-2017 Accepted date: 19-5-2017

Please cite this article Adam, Emma K., Quinn, Meghan as: Dahlke, A., T., Tavernier, Royette, McQuillan, Mollie Katie Gilbert. Diurnal Cortisol Slopes and Mental and Physical Health Kirsten E., Systematic Review and Meta-analysis. Psychoneuroendocrinology Outcomes:A http://dx.doi.org/10.1016/j.psyneuen.2017.05.018

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

Adam et al., Diurnal Cortisol Slopes and Health

1

Diurnal Cortisol Slopes and Mental and Physical Health Outcomes: A Systematic Review and Meta-analysis

Running Head: Adam et al., Diurnal Cortisol Slopes and Health

Emma K. Adam^{a*}, Meghan E. Quinn^b, Royette Tavernier^c, Mollie T. McQuillan^d, Katie A. Dahlke^e,

Kirsten E. Gilbert^f

^aCorresponding author: School of Education and Social Policy and Institute for Policy Research, Northwestern University, 2120 Campus Drive, Evanston, IL, 60208, USA, ekadam@northwestern.edu, 847-467-2010

^bDepartment of Psychology, Northwestern University, 2029 Sheridan Rd., Evanston, IL 60208, USA and Department of Psychiatry, University of Illinois at Chicago, 912 S. Wood St., Chicago, IL, 60612, USA, meghanequinn@gmail.com

^cDepartment of Psychology, Wesleyan University, 207 High Street, Middletown, CT, 06459, USA, royette.tavernier@gmail.com

^dSchool of Education and Social Policy and Institute for Policy Research, Northwestern University, 2120 Campus Drive, Evanston, IL, 60208, USA, MollieM@u.northwestern.edu

^eAmerican Institutes for Research, 1120 E. Diehl Road, Suite 200, Naperville, IL, USA, 60563, kdahlke@air.org

^fDepartment of Psychiatry, Washington University School of Medicine, 4444 Forest Park Parkway, Suite 2100, St. Louis, MO, USA, gilbertk@wustl.edu

Highlights

- Meta-analysis shows flatter diurnal cortisol slopes are associated with worse health
- Results are significant for 10 out of 12 health outcomes and across multiple age groups
- Strongest effects are found for Inflammation and immune system outcomes
- Effects are found across most types of diurnal cortisol slope measurement
- Use of objective compliance monitors is associated with larger effect sizes

Download English Version:

https://daneshyari.com/en/article/4934417

Download Persian Version:

https://daneshyari.com/article/4934417

<u>Daneshyari.com</u>