# **Accepted Manuscript**

Inducing More Sleep on School Nights Reduces Sedentary Behavior without Affecting Physical Activity in Short-Sleeping Adolescents

Tori R. Van Dyk, PhD, Kendra N. Krietsch, M.S., Brian E. Saelens, PhD, Catharine Whitacre, BA, Shealan McAlister, BA, Dean W. Beebe, PhD

PII: \$1389-9457(18)30081-9

DOI: 10.1016/j.sleep.2018.03.007

Reference: SLEEP 3652

To appear in: Sleep Medicine

Received Date: 18 October 2017
Revised Date: 15 March 2018
Accepted Date: 19 March 2018

Please cite this article as: Van Dyk TR, Krietsch KN, Saelens BE, Whitacre C, McAlister S, Beebe DW, Inducing More Sleep on School Nights Reduces Sedentary Behavior without Affecting Physical Activity in Short-Sleeping Adolescents, *Sleep Medicine* (2018), doi: 10.1016/j.sleep.2018.03.007.

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

Inducing More Sleep on School Nights Reduces Sedentary Behavior without Affecting Physical

Activity in Short-Sleeping Adolescents

Tori R. Van Dyk, PhD<sup>1</sup>, Kendra N. Krietsch, M.S.<sup>1,2</sup>, Brian E. Saelens, PhD<sup>3</sup>, Catharine Whitacre, BA<sup>1</sup>, Shealan McAlister, BA<sup>1</sup>, and Dean W. Beebe, PhD<sup>1,4</sup>

<sup>1</sup>Cincinnati Children's Hospital Medical Center 333 Burnet Ave, MLC 7039; Cincinnati, OH 45229, USA

<sup>2</sup>University of Florida 945 Center Dr.; Gainesville, FL 32603, USA

<sup>3</sup>Seattle Children's Research Institute and University of Washington 1900 9<sup>th</sup> Ave; Seattle, WA 98101, USA

<sup>4</sup>University of Cincinnati College of Medicine 3230 Eden Ave; Cincinnati, OH 45267, USA

#### **Author Note**

All work for the present study was performed at Cincinnati Children's Hospital Medical Center.

Correspondence concerning this article should be addressed to: Tori R. Van Dyk, PhD, Division of Behavioral Medicine and Clinical Psychology, Cincinnati Children's Hospital Medical Center, 3333 Burnet Ave., MLC 3015, Cincinnati, OH 45229, Phone: (513) 803-8393,

Fax: (513) 636-0084, email: tori.vandyk@cchmc.org

#### **Abbreviations**

<u>EXT:</u> extended sleep condition; bedtime and rise time set to increase time in bed by 1.5 hours related to adolescent's baseline sleep schedule

<u>HAB:</u> prescribed habitual sleep condition; bedtime and rise time set to match adolescent's baseline sleep schedule

MVPA: moderate-to-vigorous physical activity

PA: physical activity

## Download English Version:

# https://daneshyari.com/en/article/8709035

Download Persian Version:

https://daneshyari.com/article/8709035

<u>Daneshyari.com</u>