

Accepted Manuscript

Estrogen enhances hippocampal gray matter volume in young and older postmenopausal women: A prospective dose response study

Kimberly Albert, Jessica Hiscox, Brian Boyd, Julie Dumas, Warren Taylor, Paul Newhouse



PII: S0197-4580(17)30116-1

DOI: [10.1016/j.neurobiolaging.2017.03.033](https://doi.org/10.1016/j.neurobiolaging.2017.03.033)

Reference: NBA 9894

To appear in: *Neurobiology of Aging*

Received Date: 12 December 2016

Revised Date: 28 March 2017

Accepted Date: 31 March 2017

Please cite this article as: Albert, K., Hiscox, J., Boyd, B., Dumas, J., Taylor, W., Newhouse, P., Estrogen enhances hippocampal gray matter volume in young and older postmenopausal women: A prospective dose response study, *Neurobiology of Aging* (2017), doi: 10.1016/j.neurobiolaging.2017.03.033.

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.

Estrogen enhances hippocampal gray matter volume in young and older postmenopausal women: A prospective dose response study

Kimberly Albert¹, Jessica Hiscox¹, Brian Boyd¹, Julie Dumas², Warren Taylor^{1,3}, Paul Newhouse^{1,3}

The Center for Cognitive Medicine, Department of Psychiatry and Behavioral Sciences, Vanderbilt University Medical Center, Nashville, TN

Clinical Neuroscience Research Unit, Department of Psychiatry, University of Vermont College of Medicine, Burlington, VT

The Geriatric Research, Education and Clinical Center, Department of Veterans Affairs Medical Center, Tennessee Valley Healthcare System, Nashville, TN

Address for correspondence:

Paul Newhouse, M.D.

Vanderbilt Center for Cognitive Medicine,
Department of Psychiatry
Vanderbilt University School of Medicine
1601 23rd Ave. South
Nashville, TN 37212

V: 615-327-7030

F: 615-875-0686

Email: Paul.Newhouse@Vanderbilt.edu

Download English Version:

<https://daneshyari.com/en/article/4932707>

Download Persian Version:

<https://daneshyari.com/article/4932707>

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