

Accepted Manuscript

Pain Severity in Relation to the Final Menstrual Period in a Prospective Multiethnic Observational Cohort: Results from the Study of Women's Health Across the Nation (SWAN)

Yvonne C. Lee, MD, MMSc, Arun S. Karlamangla, MD, PhD, Zhi Yu, MS, Chih-Chin Liu, PhD, Joel S. Finkelstein, MD, Gail A. Greendale, MD, Siobán D. Harlow, PhD, Daniel H. Solomon, MD, MPH

PII: S1526-5900(16)30282-6

DOI: [10.1016/j.jpain.2016.10.012](https://doi.org/10.1016/j.jpain.2016.10.012)

Reference: YJPAI 3315

To appear in: *Journal of Pain*

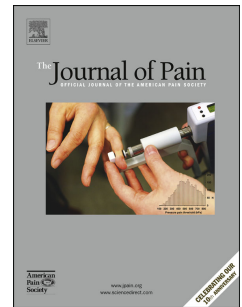
Received Date: 6 August 2016

Revised Date: 16 October 2016

Accepted Date: 22 October 2016

Please cite this article as: Lee YC, Karlamangla AS, Yu Z, Liu C-C, Finkelstein JS, Greendale GA, Harlow SD, Solomon DH, Pain Severity in Relation to the Final Menstrual Period in a Prospective Multiethnic Observational Cohort: Results from the Study of Women's Health Across the Nation (SWAN), *Journal of Pain* (2016), doi: 10.1016/j.jpain.2016.10.012.

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.



**Pain Severity in Relation to the Final Menstrual Period
in a Prospective Multiethnic Observational Cohort:
Results from the Study of Women's Health Across the Nation (SWAN)**

Yvonne C. Lee, MD, MMSc;¹ Arun S. Karlamangla, MD, PhD;² Zhi Yu, MS;¹ Chih-Chin Liu,
PhD;¹ Joel S. Finkelstein, MD;³ Gail A. Greendale, MD;² Siobán D. Harlow, PhD;⁴
Daniel H. Solomon, MD, MPH¹

¹Division of Rheumatology, Immunology and Allergy, Harvard Medical School, Brigham and Women's Hospital, 75 Francis Street, PBB-B3, Boston, MA 02115, USA

²Division of Geriatrics, David Geffen School of Medicine at UCLA, 10945 Le Conte Avenue, Suite 2339, Los Angeles, CA 90095, USA

³Endocrine Unit, Department of Medicine, Massachusetts General Hospital, 50 Blossom Street, Boston, MA 02114, USA

⁴Department of Epidemiology, University of Michigan, 1415 Washington Heights, Ann Arbor, MI 48109, USA

Corresponding author and person to whom reprint requests should be addressed:

Yvonne C. Lee, MD, MMSc
Division of Rheumatology, Immunology and Allergy
Brigham and Women's Hospital
75 Francis Street, PBB-B3, Boston, MA 02115
Phone: 617-732-8736
Fax: 617-713-3030
E-mail: ylee9@partners.org

Running title: Pain changes across the menopause transition

Disclosures:

- ***Funding sources:*** YL's work was supported by the NIH (R01 AR064850). AK's work was supported by an NIA-funded, UCLA Older Americans Independence Center (5 P30-AG028748). DHS's work was supported by SWAN and NIH-NIAMS ARK24055989. The Study of Women's Health Across the Nation (SWAN) has grant support from the National Institutes of Health (NIH), DHHS, through the National Institute on Aging (NIA), the National Institute of Nursing Research (NINR) and the NIH Office of Research on Women's Health (ORWH) (Grants U01NR004061; U01AG012505, U01AG012535, U01AG012531, U01AG012539, U01AG012546, U01AG012553, U01AG012554, U01AG012495).
- ***Conflicts of interest:*** YL, AK, CL, JF, GG, SH and DHS have nothing to declare.

Download English Version:

<https://daneshyari.com/en/article/5578003>

Download Persian Version:

<https://daneshyari.com/article/5578003>

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