

## Accepted Manuscript

Bone strength estimates relative to vertical ground reaction force discriminates women runners with stress fracture history

Kristin L. Popp, William McDermott, Julie M. Hughes, Stephanie A. Baxter, Steven D. Stovitz, Moira A. Petit

PII: S8756-3282(16)30295-2  
DOI: doi: [10.1016/j.bone.2016.10.006](https://doi.org/10.1016/j.bone.2016.10.006)  
Reference: BON 11149

To appear in: *Bone*

Received date: 11 May 2016  
Revised date: 14 September 2016  
Accepted date: 7 October 2016



Please cite this article as: Popp Kristin L., McDermott William, Hughes Julie M., Baxter Stephanie A., Stovitz Steven D., Petit Moira A., Bone strength estimates relative to vertical ground reaction force discriminates women runners with stress fracture history, *Bone* (2016), doi: [10.1016/j.bone.2016.10.006](https://doi.org/10.1016/j.bone.2016.10.006)

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.

**BONE STRENGTH ESTIMATES RELATIVE TO VERTICAL GROUND REACTION  
FORCE DISCRIMINATES WOMEN RUNNERS WITH STRESS FRACTURE HISTORY**

Kristin L. Popp<sup>1</sup>, William McDermott<sup>2</sup>, Julie M. Hughes<sup>3</sup>, Stephanie A. Baxter<sup>2</sup>, Steven D.  
Stovitz<sup>4</sup>, Moira A. Petit<sup>1</sup>

<sup>1</sup>School of Kinesiology, Laboratory of Musculoskeletal Health, University of Minnesota, 1900  
University Ave SE, Minneapolis, MN, USA 55455

<sup>2</sup>The Orthopedic Specialty Hospital, 5848 S Fashion Blvd, Murray, UT, USA 84107

<sup>3</sup>United States Army Research Institute of Environmental Medicine, 10 General Greene Ave,  
Natick, MA, USA 01760

<sup>4</sup>Department of Family Medicine and Community Health, University of Minnesota, 420 Delaware  
St. SE. MMC381, Minneapolis, MN, USA 55455

**Corresponding Author (present address)**

**Kristin Popp**

**Endocrine Unit**

**50 Blossom Street**

**THR-1051**

**Boston, MA 02114**

**p. 612-432-8575**

**f. 617-724-3299**

**kpopp@mgh.harvard.edu**

Download English Version:

<https://daneshyari.com/en/article/5585364>

Download Persian Version:

<https://daneshyari.com/article/5585364>

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