Accepted Manuscript

Title: Low back pain and disability in individuals with plantar heel pain

Authors: Shane McClinton, Carolyn F. Weber, Bryan

Heiderscheit

PII: S0958-2592(17)30031-7

DOI: https://doi.org/10.1016/j.foot.2017.09.003

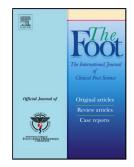
Reference: YFOOT 1495

To appear in: The Foot

Received date: 28-2-2017 Revised date: 6-9-2017 Accepted date: 23-9-2017

Please cite this article as: McClinton Shane, Weber Carolyn F, Heiderscheit Bryan.Low back pain and disability in individuals with plantar heel pain. *The Foot* https://doi.org/10.1016/j.foot.2017.09.003

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

Low back pain and disability in individuals with plantar heel pain Shane McClinton^a, Carolyn F. Weber^a, Bryan Heiderscheit^b

^aDoctor of Physical Therapy Program, Des Moines University, 3200 Grand Avenue, Des Moines, IA, 50312, USA

^bDepartments of Orthopedics & Rehabilitation and Biomedical Engineering, and Doctor of Physical Therapy Program, University of Wisconsin-Madison,1300 University Ave, Madison, WI 53706, USA

e-mail addresses

Shane McClinton: shane.mcclinton@dmu.edu Carolyn F. Weber: carolyn.f.weber@dmu.edu Bryan Heiderscheit: heiderscheit@ortho.wisc.edu

Corresponding author

Shane McClinton, DPT, OCS, FAAOMPT, CSCS (corresponding author)
Assistant Professor, Doctor of Physical Therapy Program
Coordinator, Des Moines University Running and Cycling Clinic
Des Moines University
3200 Grand Avenue
Des Moines, IA 50312
shane.mcclinton@dmu.edu

Highlights

- Low back pain is prevalent in individuals with plantar heel pain
- The odds of having low back pain was 5 times higher in those with plantar heel pain
- Higher low back disability was associated with lower foot/ankle function
- Low back dysfunction may be important in the management of plantar heel pain

ABSTRACT

Background: Lack of response to plantar heel pain (PHP) treatment may be related to unmanaged low back pain (LBP) and low back dysfunction, but a relationship between LBP and PHP has not been established. The purpose of this investigation was to compare the prevalence of LBP among individuals with and without PHP and to assess the association between low back disability and foot/ankle function.

Methods: A cross-sectional study compared the prevalence and likelihood of LBP in individuals with (n = 27) and without (n = 27) PHP matched to age, sex, BMI, foot posture, and foot mobility. In individuals with PHP, correlations were examined between foot/ankle function using

Download English Version:

https://daneshyari.com/en/article/8602264

Download Persian Version:

https://daneshyari.com/article/8602264

<u>Daneshyari.com</u>