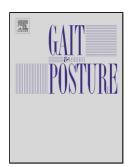
Accepted Manuscript

Title: RELATIONSHIP BETWEEN REARFOOT, TIBIA AND FEMUR KINEMATICS IN RUNNERS WITH AND WITHOUT PATELLOFEMORAL PAIN



Authors: Bruna Calazans Luz, Ana Flávia dos Santos, Mariana Carvalho de Souza, Tatiana de Oliveira Sato, Deborah A. Nawoczenski, Fábio Viadanna Serrão

PII:	\$0966-6362(18)30086-9
DOI:	https://doi.org/10.1016/j.gaitpost.2018.02.008
Reference:	GAIPOS 5960
To appear in:	Gait & Posture
Received date:	23-5-2017
Revised date:	8-2-2018
Accepted date:	10-2-2018

Please cite this article as: Luz Bruna Calazans, dos Santos Ana Flávia, de Souza Mariana Carvalho, de Oliveira Sato Tatiana, Nawoczenski Deborah A, Serrão Fábio Viadanna.RELATIONSHIP BETWEEN REARFOOT, TIBIA AND FEMUR KINEMATICS IN RUNNERS WITH AND WITHOUT PATELLOFEMORAL PAIN.*Gait and Posture* https://doi.org/10.1016/j.gaitpost.2018.02.008

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

TITLE PAGE: RELATIONSHIP BETWEEN REARFOOT, TIBIA AND FEMUR KINEMATICS IN RUNNERS WITH AND WITHOUT PATELLOFEMORAL PAIN

Authors:

Bruna Calazans Luz, PT¹, MSc; Ana Flávia dos Santos, PT, PhD¹, Mariana Carvalho de Souza, PT¹, Tatiana de Oliveira Sato, PT, PhD¹, Deborah A Nawoczenski, PT, PhD² Fábio Viadanna Serrão, PT, PhD¹

¹Department of Physical Therapy, Federal University of São Carlos, São Carlos, Brazil.

²Department of Orthopaedics, University of Rochester Medical Center, Rochester, NY, USA.

Address correspondence to Fábio Viadanna Serrão, Federal University of São Carlos, Department of Physical Therapy, Rod. Washington Luís, Km 235 – CEP 13565-905, São Carlos, SP, Brazil. E-mail: <u>fserrao@ufscar.br</u>

Word Count:

Abstract – 250 words Main Text – 3053 words Number of Figures – 3 Number of Tables – 3

HIGHLIGHTS

- Lower limb kinematic correlation is different between runners with and without PFP.
- Only the PFP group showed a correlation between rearfoot eversion and femur adduction.
- Distal factors in PFP runners should be considered in the clinical settings.

ABSTRACT

Background: Patellofemoral pain (PFP) is the most common running overuse injury. Excessive rearfoot eversion is commonly considered as a PFP risk factor and the Download English Version:

https://daneshyari.com/en/article/8798561

Download Persian Version:

https://daneshyari.com/article/8798561

Daneshyari.com