

## Accepted Manuscript

Two-dimensional frontal plane projection angle can identify subgroups of patellofemoral pain patients who demonstrate dynamic knee valgus

Craig R. Gwynne, Sarah A. Curran



PII: S0268-0033(18)30331-0  
DOI: doi:[10.1016/j.clinbiomech.2018.06.021](https://doi.org/10.1016/j.clinbiomech.2018.06.021)  
Reference: JCLB 4564  
To appear in: *Clinical Biomechanics*  
Received date: 14 April 2018  
Accepted date: 28 June 2018

Please cite this article as: Craig R. Gwynne, Sarah A. Curran , Two-dimensional frontal plane projection angle can identify subgroups of patellofemoral pain patients who demonstrate dynamic knee valgus. *Jclb* (2018), doi:[10.1016/j.clinbiomech.2018.06.021](https://doi.org/10.1016/j.clinbiomech.2018.06.021)

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.

**TITLE PAGE**

**Title:** Two-dimensional frontal plane projection angle can identify subgroups of patellofemoral pain patients who demonstrate dynamic knee valgus.

**Corresponding author:** Dr Craig R. Gwynne PhD

Cardiff School of Sport and Health Sciences, Llandaff Campus, Cardiff Metropolitan University, Wales, UK.

**Email:** cgwynne@cardiffmet.ac.uk

**Co-authors:** Professor Sarah A. Curran PhD

**Institutes and affiliations:** Cardiff School of Sport and Health Sciences, Llandaff Campus, Cardiff Metropolitan University, Wales, UK.

Written informed consent was obtained from all subjects before participation and the study was approved by The School Research Ethics Committee at Cardiff Metropolitan University (0018-SREC-2014).

**Sources of funding:** This study contributing to a PhD research programme was supported by a bursary from the Research Capacity Building Collaboration (RCBC) Wales.

**Statement of financial disclosure and conflict of interest:** The authors certify that they have no affiliations with or financial involvement in any organisation or entity with a direct financial interest in the subject matter or materials discussed in the article.

**Word count (abstract):** 236.

Download English Version:

<https://daneshyari.com/en/article/8797682>

Download Persian Version:

<https://daneshyari.com/article/8797682>

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