

Accepted Manuscript

Analytical study of the effects of soft tissue artefacts on functional techniques to define axes of rotation

Helios De Rosario, Álvaro Page, Antonio Besa

PII: S0021-9290(17)30080-5

DOI: <http://dx.doi.org/10.1016/j.jbiomech.2017.01.046>

Reference: BM 8118

To appear in: *Journal of Biomechanics*

Accepted Date: 27 January 2017



Please cite this article as: H.D. Rosario, A. Page, A. Besa, Analytical study of the effects of soft tissue artefacts on functional techniques to define axes of rotation, *Journal of Biomechanics* (2017), doi: <http://dx.doi.org/10.1016/j.jbiomech.2017.01.046>

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.

Analytical study of the effects of soft tissue artefacts on functional techniques to define axes of rotation

Helios De Rosario ^{a,b,*}, Álvaro Page ^{a,b}, Antonio Besa ^c

^a *Instituto de Biomecánica de Valencia, Valencia, Spain*

^b *CIBER de Bioingeniería, Biomateriales y Nanomedicina (CIBER-BBN), Spain*

^c *Centro de Investigación en Ingeniería Mecánica, Universitat Politècnica de València, Valencia, Spain*

* Corresponding author: Instituto de Biomecánica de Valencia, Universitat Politècnica de València, Edificio 9C, Camino de Vera s/n, E-46022, Valencia, Spain.

Tel: +34 961111170. Fax: +34 963879169.

E-mail: helios.derosario@ibv.upv.es

Keywords: Functional Calibration, Axis of Rotation, Soft Tissue Artefacts, Geometric Fitting, Finite Helical Axis, Knee Joint

Word count (Introduction through Discussion): 3,515

Number of tables: 3

Number of figures: 5

Download English Version:

<https://daneshyari.com/en/article/5031888>

Download Persian Version:

<https://daneshyari.com/article/5031888>

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