

PUBLICACIONS DE REFERÈNCIA

Benocci, M. & Rocchi, L. & Farella, E. & Chiari, L. & Benini, L. (2009).

A Wireless System for Gait and Posture Analysis Based on Pressure Insoles and Inertial Measurement Units.

Collado Vázquez, S. (2004).

La marcha: historia de los procedimientos de análisis.

Gagey, B. & Bourdeaux, O. & Gagey, P.M. (2012).

From the center of pressure to the center of gravity.

Gagey, P.M. & Weber, B. (1999).

Posturologie; Régulation et dérèglements de la station debout.

Giacomozzi, C. (2009).

Appropriateness of plantar pressure measurement devices in a research context: a comparative technical assessment.

Gómez, F. & Escribá, P. & Oliva-Pascual-Vaca, J. & Puente-González, A.S. (2020).

Immediate and Short-Term Effects of Upper Cervical High-Velocity, Low-Amplitude Manipulation on Standing Postural Control and Cervical Mobility in Chronic Nonspecific Neck Pain: A Randomized Controlled Trial.

Guimarães Da-Silva, P.J. & Nadal, J. & Catelli Infantosi, A.F. (2012).

Investigating the center of pressure velocity Romberg's quotient for assessing the visual role on the body sway

Haro, M. (2014).

Laboratorio de análisis de marcha y movimiento (gait and movement analysis laboratory).

Hu, X. & Zhao, J. & Peng, D. & Sun, Z. & Qu, X. (2018).

Estimation of Foot Plantar Center of Pressure Trajectories with Low-Cost Instrumented Insoles Using an Individual-Specific Nonlinear Model.

Jackson, J.E. (1991).

A User's Guide to Principal Components

Kapandji, A.I. (2012).

Fisiología articular.

Konrad, P. (2006).

The ABC of EMG. A Practical Introduction to Kinesiological Electromyography.

- Lafuente, R. & Doñate, J.J. & Poveda, R. & García, A. / et al. (2002).
Valoración evolutiva de fracturas de calcáneo mediante el análisis biomecánico de la marcha.
- Liu, Y. & Higuchi, S. & Motohashi, Y. (2001).
Changes in postural sway during a period of sustained wakefulness in male adults.
- Lorenzo Agudo, M.A. & Díaz Lifante, F. & Collado Cañas, A. & Santos García, P. / et al. (2008).
Análisis evolutivo del patrón funcional de marcha en pacientes con fractura de calcáneo.
- Magalhães de Oliveira, J. (2016).
Statokinesigram normalization method.
- Matłosz, P. & Wyszynska, J. & Podgórska-Bednarz, J. / et al. (2020).
Agreement of Three Posturographic Force Plates in the Assessment of Postural Stability.
- McGorry, R.W. & Lin, J.H. (2012).
Flexion relaxation and its relation to pain and function over the duration of a back pain episode.
- Merletti, R. (1999).
Standards for Reporting EMG Data.
- Pascolo, P. & Barazza, F. & Carniel, R. (2005).
Considerations on the application of the chaos paradigm to describe the postural sway.
- Pérez Soriano, P. & Llana Belloch, S. (2014).
Biomecánica Básica aplicada a la Actividad Física y al Deporte.
- Pitti, L. & Oosterlinck, M. & Díaz-Bertrana, M.L. / et al. (2018).
Assessment of static posturography and pedobarography for the detection of unilateral forelimb lameness in ponies.
- Plas, F. & Viel, E. & Blanc, Y. (1984).
La marcha humana: cinesiología dinámica, biomecánica y patomecánica
- Rhea, C.K. & Kiefer, A.W. & Haran, F.J. & Glass, S.M. & Warren, W.H. (2014).
A new measure of the CoP trajectory in postural sway: Dynamics of heading change.
- Rose, W. (2014).
Electromyogram análisis.
- Schubert, P. & Kirchner, M. (2014).
Ellipse area calculations and their applicability in posturography.
- Sedano Martínez, E.M. & Ventura Rosa, M.C. & Morillo Vázquez, M.F. / et al. (2012).
Tecnología de la capacidad: funcional del paciente en movimiento.

Sorrentino, I. & Andrade-Chavez, F.J. & Latella, C. / et al. (2020).
A Novel Sensorised Insole for Sensing Feet Pressure Distributions.

Stegeman, D.F. & Hermens, H.J. (2007).
Standards for surface electromyography: The European project Surface EMG for non-invasive assessment of muscles (SENIAM).

Vallvé Mombiola, N. & Monterde Pérez, S. & Marsal Molero, X. & Miralles Marrero, R. (2008).
Estudio estático y dinámico del ángulo Q mediante videofotogrametría 3D.

Viel, E. (2002).
La Marcha Humana, La Carrera y el Salto. Biomecánica, Exploraciones, Normas y Alteraciones.

Villalobos-Samaniego, C. & Rivera-Sosa, J.M. & Ramos-Jimenez, A. / et al. (2020).
Métodos de evaluación del equilibrio estático y dinámico en niños de 8 a 12 años.

Winter, D. A. (2009).
Biomechanics and Motor Control of Human Movement.

ALTRES REFERÈNCIES

<http://ada-posturologie.fr/Normalite-a.htm>

<https://www.hindawi.com/journals/bmri/2015/891390/>

<https://jneuroengrehab.biomedcentral.com/articles/10.1186/1743-0003-11-8>

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3899383/>

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5930758/>

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4151602/>

https://www.researchgate.net/publication/235293881_XSENSOR_technology_a_pressure_imaging_overview

https://www.researchgate.net/publication/237559248_Pressure_mapping_system_for_physiological_measurements

https://www.researchgate.net/publication/297683942_Validity_and_repeatability_of_three_in-shoe_pressure_measurement_systems

<http://www.resja.or.jp/sig-pmps/Xsensor%20interpretation,%20protocol%20and%20data%20collection.pdf>

https://rua.ua.es/dspace/bitstream/10045/97110/6/JHSE_2020_15-3_15.pdf

<https://www.sciencedirect.com/topics/engineering/gait-cycle>

http://www.scielo.br/scielo.php?script=sci_arttext&pid=S1517-31512012000400003

https://en.wikipedia.org/wiki/Standard_deviation $\text{std} = \sqrt{\frac{1}{N} \sum (x_i - \text{mean}_x)^2} = \sqrt{\frac{1}{N} \sum (x_i^2 - \text{mean}_x^2)}$

https://en.wikipedia.org/wiki/Coefficient_of_variation

<https://www.xsensor.com/resources/resources#>