

# Curriculum Vitae

## VICENTE LOZANO BERRIO

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### PROFILE

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#### 1. Main Research Interests and Current Projects

Occupational Therapy Degree. Master's Degree in Research in Clinical Medicine and Master's Degree in Health Management from Universidad Miguel Hernández. Specialist in Occupational Therapy applied to Brain Damage from the University of Castilla la Mancha. PhD student in Health Sciences at UCLM and PhD student in Economics (health economics line) by UMH (temporary withdrawal). He works in the I + D + I Unit of Biomechanics and Technical Aids of the National Hospital for Paraplegics (SESCAM) in Toledo, from April 2012 to the present day; performs Research functions related to I + D + I of robotic devices and new technologies applied to neurorehabilitation. In addition, healthcare activity, upper limb evaluations, sitting and postural control. Professor at the Francisco de Vitoria University of Statistical Methods II, coordinator of Final Degree Projects and head of Research and Innovation in the Nursing Degree. He has participated in 3 European research projects, 3 national and one regional. He has 8 scientific publications, 20 book chapters and has collaborated in 10 Spanish Universities as a teacher.

## 2. Academic Degrees

- Master's Degree in Health Management by Miguel Hernández University, (UMH), Spain 2017.
- Master's Degree in Research in Clinical Medicine by Miguel Hernández University (UMH), Spain 2015.
- Specialist in Occupational Therapy applied to Brain Damage by Castilla-La Mancha University, Spain 2006.
- Occupational Therapist by National University of Distance Education (UNED), Spain 1997.
- PhD student in Health Sciences at Castilla-La Mancha University, Spain.
- PhD student in Economics (health economics line) at Miguel Hernández University (temporary withdrawal)

## 3. Current Position

- Occupational Therapist at the Biomechanics Department, National Hospital for Spinal Cord Injury, Toledo, Spain. (2012- Present).

## 4. Publications

📄 Scientific journal

- Alvarez-Rodríguez, M., López-Dolado, E., Salas-Monedero, M., Lozano-Berrio, V., Ceruelo-Abajo, S., Gil-Agudo, A., de los Reyes-Guzmán, A. (2020) Concurrent Validity of a Virtual Version of Box and Block Test for Patients with Neurological Disorders. *World Journal of Neuroscience*, 10, 79-89. <https://doi.org/10.4236/wjns.2020.101009>.
- Lárraga-García B, Lozano-Berrio V, Gutiérrez A, Gil-Agudo A, del-Ama Antonio J. A Systematic Methodology to Analyze the Impact of Hand-Rim Wheelchair Propulsion on the Upper Limb. *Sensors (Basel)*. 2019 Oct 25;19(21). pii: E4643. doi: 10.3390/s19214643. IF 3.031
- Gil-Agudo A, Del Ama-Espinosa A, Lozano-Berrio V, Fernández-López A, Megía-García A, Benito-Penalva J, Pons JL. *Terapia Robótica con Exo H2 en la rehabilitación de la marcha en pacientes con lesión medular incompleta. Una experiencia clínica. Rehabilitación*. 2019.
- De los Reyes-Guzman A, Dimbwadyo-Terrer I, Del Ama-Espinosa S, Jimenez-Diaz F, Lozano-Berrio V, Gil-Agudo A, "Upper Limb Electromuographic analysis Synchronized with Kinematics in Cervical

Spinal Cord Injury Patients during the Activity of Daily Living of drinking. *JSM Physical Med Rehabil* 2017; 1(1):1004.

- Perez-Rizo E, Casado-Lopez R, Lozano-Berrio V, Trincado-Alonso F, Martin-Majarres S, Gil-Agudo A. Shoulder kinematics in reciprocal and swing-through gait. A case study. *Gait Posture*. 2014; 39(1):S104-S105.
- Arevalo, JM., De la Peña AI., Solis M., Lozano V., Virseda M, Gil A. Eficacia de la detección percutánea de oxígeno como guía terapéutico-quirúrgica en lesionados medulares con úlceras por presión crónicas: estudio preliminar. *Cirugía Plástica Ibero-latinoamericana* 2012; 38(3): 265-271
- Abizanda, P., León, M., Domínguez, L., Lozano, V., Romero, L., Luengo, C., Sánchez-Jurado, P.M., Martí, E. (2011). Effects of a short-term occupational therapy intervention in an acute geriatric unit. A randomized clinical trial. *Maturitas*, 69(3):273-278. doi: 10.1016/j.maturitas.2011.04.001.
- Abizanda, P., León, M., Romero, L., Sánchez-Jurado, P.M., Luengo, C., Domínguez, L., Lozano, V., La pérdida funcional al ingreso, principal variable explicativa de discapacidad y mortalidad al alta y al mes en ancianos hospitalizado. *Revista Española de Geriatria y Gerontología*, 42 (4): 201-211.