

Locomotor System

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DESCRIPTION

We try to develop a deep and exhaustive scientific work to improve the understanding of the pathologies affecting the foot and the ankle in terms of etiology, diagnosis, and treatment, not only orthopedic conditions but also traumatic injuries.

MAIN LINES OF RESEARCH

- Floating toe.
- Morton's neuroma.
- Achilles tendinopathy.
- Patient-related outcomes measures.
- Posterior malleolus fractures.

DOCTORAL THESES DEFENDED

- Ramírez Bermejo, Eduard. Valoración de la utilidad de la cirugía reconstructiva de lesiones osteocondrales de la rodilla mediante trasplante de aloinjerto osteocondral fresco. 19/04/2023. Universitat Autònoma de Barcelona. Supervisors: Gelber Ghertner, Pablo Eduardo. <http://hdl.handle.net/10803/690604>.

SCIENTIFIC PRODUCTION

- Bascuñana H, de Miguel C, Gil L, Monguet JM, Trejo Á. Consensus measurement of innovation in physical medicine and rehabilitation. *Rehabilitacion*. 2023; 57(1):100725. DOI:10.1016/j.rh.2022.01.002. PMID:35523615. Document type: Article.
- Casanovas A, Sebio R, Ciendones M, Cuartero J, Estanyol B, Padrós J, García B, Barnadas A, Masia J. Prehabilitation in Patients With Breast Cancer Receiving Neoadjuvant Therapy to Minimize Musculoskeletal Postoperative Complications and Enhance Recovery (PREOPTimize): A Protocol for a Randomized Controlled Trial. *PHYSICAL THERAPY*. 2023; 103(9):pzad062. DOI:10.1093/ptj/pzad062. PMID:37318267. IF:3,200 (Q1/3D). Document type: Article.
- Chesser TJ, Moran C, Willett K, Bouillon B, Sturm J, Flohé S, Ruchholtz S, Dijkink S, Schipper IB, Rubio JC, Chana F, de Caso J, Guerado E. Development of trauma systems in Europe-reports from England, Germany, the Netherlands, and Spain. *Ota International : The Open Access Journal Of Orthopaedic Trauma*. 2023; 2(Suppl



5.1.6 Associated Groups

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 - Noguera L, Vila G, De Caso J, Da Ponte A, Perez AB, Velazquez JJ. Influence on Therapeutic Decision-Making of Supine and Standing Radiographs after Traumatic Thoracolumbar Fracture in the Elderly. Journal of Neurological Surgery Part A-Central European Neurosurgery. 2023; 84(3). DOI:10.1055/s-0042-1753514. PMID:36100237. IF:1,000 (Q4/9D). Document type: Article.
 - Perelli S, Gelber PE, Morales R, Ronco S, Torres R, Espregueira J, Monllau JC. Isolated lateral extra-articular tenodesis in ACL-deficient knees: in vivo knee kinematics and clinical outcomes. KNEE SURGERY SPORTS TRAUMATOLOGY ARTHROSCOPY. 2023; 31(8). DOI:10.1007/s00167-023-07344-9. PMID:36810948. IF:3,800 (Q1/2D). Document type: Article.
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 - Toro Á, Arenas J, Carrera I, Lamas C. Is ultrasound superior to fluoroscopy in distal radius volar fixation?. Hand Surgery & Rehabilitation. 2023; 42(6). DOI:10.1016/j.hansur.2023.07.010. PMID:37499797. IF:1,100 (Q4/9D). Document type: Article.