



Investigación de cirugía osteoarticular - GICOA

Publicaciones: 25

Factor Impacto: 72.¹⁸⁵

Q1: 8



Actividad de Investigación

Tesis doctorales

Carbonell Escobar R. Prótesis total de cadera no cementada con cúpula acetabular porosa y vástago anatómico. Resultados clínicos, radiológicos y desgaste del polietileno. Estudio prospectivo con seguimiento medio de 25 años [dissertation]. Madrid: UAM: 2019 (27/11/2019).

Director: García Rey E.

Publicaciones

• de la Corte-Rodríguez H, Rodríguez-Merchán EC, Álvarez-Román MT, Martín-Salces M, Jiménez-Yuste V. Hindfoot malalignment in adults with haemo-

philic ankle arthropathy: The importance of early detection and orthotic treatment. *Haemophilia*. 2019; 25(3): 500-8. Article. IF: 2.99; Q2

- de la Corte-Rodríguez H, Rodríguez-Merchán EC, Álvarez-Román MT, Martín-Salces M, Romero-Garrido JA, Jiménez-Yuste V. Accelerating recovery from acute hemarthrosis in patients with hemophilia: the role of joint aspiration. *Blood Coagul Fibrin*. 2019; 30(3): 111-9. Article. IF: 1.203; Q4
- De la Corte-Rodríguez H, Rodríguez-Merchán EC, Alvarez-Roman T, Martin-Salces M, García-Barcenilla S, Jimenez-Yuste V. Health education and empowerment in adult patients with haemophilia. *Expert Rev Hematol*. 2019; 12(11): 989-95. Review. IF: 2.573; Q3
- Encinas-Ullán CA, Rodríguez-Merchán EC. Arthros-

copic treatment of total knee arthroplasty complications. *Efort Open Rev*. 2019; 4(2): 33-43. Article. IF: 2.295; Q2

- García-Rey E, Carbonell-Escobar R, Cordero-Ampuero J, García-Cimbrello E. Outcome of a hemispherical porous-coated acetabular component with a proximally hydroxyapatite-coated anatomical femoral component an update at 23 to 26 years follow-up. *Bone Joint J*. 2019; 101B(4): 378-85. Article. IF: 4.306; D1
- Gómez-Barrena E, García-Rey E. Complications in total joint arthroplasties. *J Clin Med*. 2019; 8(11): 1891. Editorial Material. IF: 3.303; Q1
- Gómez-Barrena E, Rosset P, Gebhard F, Hernigou P, Baldini N, Rouard H, Sensebe L, Gonzalo-Daganzo RM, Giordano R, Padilla-Eguiluz N, García-Rey E,

Cordero-Ampuero J, Rubio-Suárez JC, Stanovici J, Ehrnthaller C, Huber-Lang M, Flouzat-Lachaniette CH, Chevallier N, Donati DM, Ciapetti G, Fleury S, Fernández MN, Cabrera JR, Avendaño-Sola C, Montemurro T, Panaitescu C, Veronesi E, Rajewski MT, Lotfi R, Dominici M, Schrezenmeier H, Layrolle P. Feasibility and safety of treating non-unions in tibia, femur and humerus with autologous, expanded, bone marrow-derived mesenchymal stromal cells associated with biphasic calcium phosphate biomaterials in a multicentric, non-comparative trial. *Biomaterials*. 2019; 196: 100-8. Article. IF: 10.317; D1

- Gómez-Barrena E. CORR Insights (R): High oxidation stability of tea polyphenolstabilized highly crosslinked UHMWPE under an in vitro aggressive oxidative condition. *Clin Orthop Relat R*. 2019;



- 477(8): 1956-7. Editorial Material. IF: 4.329; D1
- Granchi D, Ciapetti G, Gómez-Barrena E, Rojewski M, Rosset P, Layrolle P, Spazzoli B, Donati DM, Baldini N. Biomarkers of bone healing induced by a regenerative approach based on expanded bone marrow - derived mesenchymal stromal cells. *Cytotherapy*. 2019; 21(8): 870-85. Article. IF: 4.218; Q1
 - Moracia-Ochagavía I, Rodríguez-Merchán EC. Lisfranc fracture-dislocations: current management. *Efort Open Rev*. 2019; 4(7): 430-44. Article. IF: 2.295; Q2
 - Rodríguez-Merchán EC, de la Corte-Rodríguez H. The role of orthoses in knee osteoarthritis. *Hosp Pract* [1995]. 2019; 47(1): 43952. Review. Not Indexed
 - Rodríguez-Merchán EC, Valentino LA. Emicizumab: Review of the literature and critical appraisal. *Haemophilia*. 2019; 25(1): 11-20. Review. IF: 2.99; Q2
 - Rodríguez-Merchán EC, Valentino LA. Increased bone resorption in hemophilia. *Blood Rev*. 2019; 33: 6-10. Review. IF: 5.823; Q1
 - Rodríguez-Merchán EC, Valentino LA. The role of gene therapy in cartilage repair. *Arch Bone Jt Surg*. 2019; 7(2): 79-90. Review. Not Indexed
 - Rodríguez-Merchán EC. Important topics on contemporary total knee arthroplasty: What does recent literature say? *Arch Bone Jt Surg*. 2019; 7(6): 476-7. Editorial Material. Not Indexed
 - Rodríguez-Merchán EC. Patient satisfaction in hemophilia: a fundamental component of medical care and an indicator of the quality of medical care provided. *Expert Rev Hematol*. 2019; 12(11): 923-6. Review. IF: 2.573; Q3
 - Rodríguez-Merchán EC. Primary repair of the anterior cruciate ligament: A review of recent literature (2016-2017). *Arch Bone Jt Surg*. 2019; 7(3): 297-300. Review. Not Indexed
 - Rodríguez-Merchán EC. Radiosynovectomy in hemophilia. *Blood Rev*. 2019; 35: 1-6. Review. IF: 5.823; Q1
 - Rodríguez-Merchán EC. Risks and patient outcomes of surgical intervention for hemophilic arthropathy. *Expert Rev Hematol*. 2019; 12(5): 325-33. Review. IF: 2.573; Q3
 - Rodríguez-Merchán EC. The role of orthopaedic

- surgery in haemophilia: current rationale, indications and results. *Efort Open Rev*. 2019; 4(5): 165-73. Article. IF: 2.295; Q2
- Rodríguez-Merchán EC. The stiff total knee arthroplasty: causes, treatment modalities and results. *Efort Open Rev*. 2019; 4(10): 602-10. Article. IF: 2.295; Q2
 - Rodríguez-Merchán EC. Total knee arthroplasty using hinge joints: Indications and results. *Efort Open Rev*. 2019; 4(4): 121-32. Article. IF: 2.295; Q2
 - Rodríguez-Merchán EC. What does the Cochrane database of systematic reviews? Tell us about hemophilia?. *Expert Rev Hematol*. 2019; 12(11): 919-22. Review. IF: 2.573; Q3
 - Saldaña L, Bensiamar F, Vallés G, Mancebo FJ, García-Rey E, Vilaboa N. Immunoregulatory potential of mesenchymal stem cells following activation by macrophage-derived soluble factors. *Stem Cell Res Ther*. 2019; 10: 58. Article. IF: 5.116; Q1
 - Shi DQ, Clement ND, Bhandari R, Ikegawa S, Mascarenhas VV, Di Matteo B, Indelli PF, Kourkoulis N, Rodríguez-Merchán EC, Sheykhsan M, Fu FH, Vaz MA, Kong J, Azantsa BGK, Ye C, Halabchi F, Cornish SM, Hausmann LRM, Campos ALS, de Jesús CCL, Jorgensen C, Ilieva EM, Wang WG, Martínez LV, Ahn H, Shirinsky IV, Cheung C, Knutsen G, Petersen W, Lane NE, Cai H, Xu W, Wu J, Lu J, Zhang YZ, Jiang Q. Society for translational medicine-expert consensus on the treatment of osteoarthritis. *Ann Jt*. 2019; 4(12): 49. Article. Not Indexed

Proyectos de investigación

Antuña Antuña S. Terapia celular con células troncales del tejido adiposo en roturas del manguito rotador. Medcomtech S.A. 2015-On-going.

Centro de gestión: FIBHULP

Barco Laakso R. Artoplastia de cabeza radial anatómica versus espaciador de metal de vástago liso para traumatismo de codo. Medical Simulator S.L. 2018-On-going.

Centro de gestión: FIBHULP

Barco Laakso R. Morfología radiocapitelar. Un

estudio anatómico. Acumed Llc. 2018-On-going.

Centro de gestión: FIBHULP

Gómez Barrena E. ORTHO-3. Uso de células mesenquimales de donante expandidas para la regeneración ósea en osteonecrosis de cabeza femoral desarrollada tras trasplante de médula ósea (PI17/01844). ISCIII. 2018-2020.

Centro de gestión: FIBHULP

Gómez Barrena E. ORTHOpedic randomized clinical trial with expanded bone marrow MSC and bioceramics versus autograft in long bone nonUNIONS (ORTHOUNION). UE. 2017-2021.

Centro de gestión: FIBHULP

Ensayos clínicos

Gómez Barrena E. Estudio aleatorizado para evaluar la seguridad y la eficacia de JNJ-70033093 (BMS-986177) por vía oral frente a Enoxaparina en sujetos sometidos a una intervención quirúrgica programada de reemplazo total de rodilla. Type: EECC, phase II.

Código HULP: 5281.

Código de protocolo patrocinado: 70033093THR2001.

Patrocinado por: Janssen Cilag International NV.

Fecha de firma: 16/05/2019

Gómez Barrena E. Estudio aleatorizado para evaluar la seguridad y la eficacia de JNJ-70033093 (BMS-986177) por vía oral frente a Enoxaparina en sujetos sometidos a una intervención quirúrgica programada de reemplazo total de rodilla. Type: EECC, phase II.

Código HULP: ANEXO-I 5281.

Código de protocolo patrocinado: 70033093THR2001.

Patrocinado por: Janssen Cilag International NV.

Fecha de firma: 30/09/2019

Patentes y marcas

Arenas Vara MA, Conde del Campo A, De Damborenea González JJ, Matykina E, Esteban Moreno J, Gómez Barrena E, Pérez-Jorge Peremarch C, Pérez Tanoira R, inventors; CSIC, Instituto de Investigación Sanitaria Fundación Jiménez Díaz, assignees. Titanium materials anodised with fluorine. P201030720, PCT/ES2011/070342; 2010 May 14

