

Investigación de Cirugía Osteoarticular - GICOA

Publicaciones: 40

Q1: 15



ACTIVIDAD DE INVESTIGACIÓN

■ Tesis Doctorales

Machio Candela N. Tumores malignos de las glándulas salivales: estudio retrospectivo de los pacientes tratados en el Hospital La Paz entre 2008 y 2018[disertación]. Madrid: UAM: 2021(16/06/2021).

Director: Gómez Barrena E.

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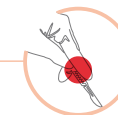
- de la Corte-Rodríguez H, Rodríguez-Merchán EC, Álvarez-Román MT, Jiménez-Yuste V. Applying world health organization 2020 guidelines on physical activity and sedentary behavior to people with hemophilia. Expert Rev Hematol. 2021; 14(5): 429-36. Review. IF: 2.819; Q3
- Encinas-Ullán CA, Gómez-Cardero P, Ruiz-Pérez JS, Rodríguez-Merchán EC. Dislocation of rota-

ting-hinge total knee arthroplasty. Efort Open Rev. 2021; 6(2): 107-12. Article. IF: 4.775; Q1

- Esteban J, Gómez-Barrena E. An update about molecular biology techniques to detect orthopaedic implant-related infections. EFORT Open Rev. 2021; 6(2): 93-100. Article. IF: 4.775; Q1
- Fernández-Fernández R, Díaz-Freire P, Rubio-Suárez JC. Open reduction and navigated iliosacral screws for vertically unstable pelvic fractures. Injury. 2021; 52: S22-6. Article. IF: 2.687; Q2

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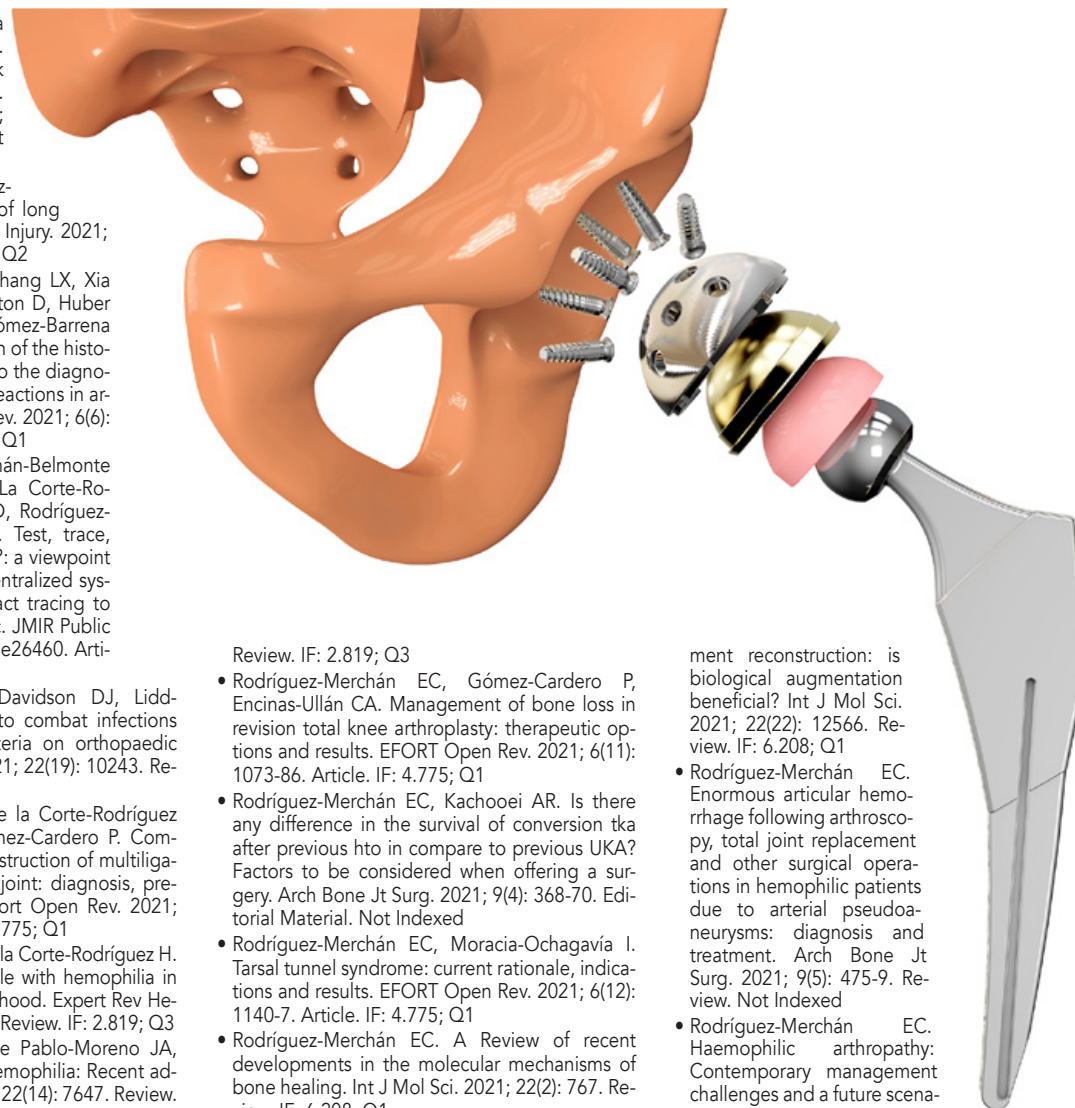


2021; 103B(3): 492-9. Article. IF: 5.385; D1

- García-Rey E. CORR Insights (R): Intraosseous regional prophylactic antibiotics decrease the risk of prosthetic joint infection in primary tka: a multicenter study. Clin Orthop Relat R. 2021; 479(11): 2513-5. Editorial Material. IF: 4.755; Q1
- Gavín C, Blanco FJ, Pablos JL, Caracuel MA, Rosas J, Gómez-Barrena E, Navarro F, Coronel MP, Gimeno M. One-year, efficacy and safety open label study, with a single injection of a new hyaluronan for knee OA: The SOYA trial. J Pain Res. 2021; 14: 2229-37. Article. IF: 2.832; Q3
- Gómez-Barrena E, Padilla-Eguiluz NG, Rosset P, Hernigou P, Baldini N, Ciapetti G, Gonzalo-Daganzo RM, Avendaño-Sola C, Rouard H, Giordano R, Dominici M, Schrezenmeier H, Layrolle P. Osteonecrosis of the femoral head safely healed with autologous, expanded, bone marrow-derived mesenchymal stromal cells in a multicentric trial with minimum 5 years follow-up. J Clin Med. 2021; 10(3): 508. Article. IF: 4.964; Q2
- Gómez-Barrena E, Padilla-Eguiluz NG. Implantation of autologous expanded mesenchymal stromal cells in hip osteonecrosis through percutaneous forage: evaluation of the operative technique. J Clin Med. 2021; 10(4): 743. Article. IF: 4.964; Q2
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- Jiménez-Yuste V, Rodríguez-Merchán EC, Matsushita T, Holme PA. Concomitant use of bypassing agents with emicizumab for people with haemophilia A and inhibitors undergoing surgery. Haemophilia. 2021; 27(4): 519-30. Review. IF: 4.263; Q2
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- Merino-Rueda LR, Rubio-Sáez I, Mills S, Rubio-Suárez JC. Mortality after distal femur fractures in the elderly. Injury. 2021; 52: S71-5. Article. IF: 2.687; Q2
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- Rodríguez-Merchán EC, de la Corte-Rodríguez H, Encinas-Ullán CA, Gómez-Cardero P. Complications of surgical reconstruction of multiligament injuries of the knee joint: diagnosis, prevention and treatment. Efort Open Rev. 2021; 6(10): 973-81. Article. IF: 4.775; Q1
- Rodríguez-Merchán EC, de la Corte-Rodríguez H. Pain management in people with hemophilia in childhood and young adulthood. Expert Rev Hematol. 2021; 14(6): 525-35. Review. IF: 2.819; Q3
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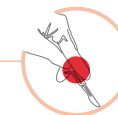


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- Rodríguez-Merchán EC. A Review of recent developments in the molecular mechanisms of bone healing. Int J Mol Sci. 2021; 22(2): 767. Review. IF: 6.208; Q1
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■ Proyectos de investigación

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 (P117/01844). ISCIII. 2018-2022.

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

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Barco Laakso R. Terapia celular con células troncales derivadas del tejido adiposo (ASC) para mejorar el proceso de reparación en suturas tendinosas. Unión

tendón-hueso (roturas del manguito rotador); unión tendón-músculo (roturas del tendón de aquiles). Sociedad Española de Cirugía Ortopédica y Traumatología. 2009-Ongoing.

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Gómez Barrena E. Desinfección in vivo de implantes ortopédicos metálicos mediante calor generado por inducción electromagnética. Fundación Mutua Madrileña. 2020-Ongoing.

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García Rey E. Identificación de factores moleculares implicados en la Osteonecrosis Idiopática: análisis del transcriptoma del tejido óseo (P118/00643). ISCIII. 2018-Ongoing.

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■ 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