



NOMBRE ESTUDIO	RELACIONADA CON:	Follow-up	REPORTS / PUBLICACION	AÑO DE PUBLICACION
A facile one-stage treatment of critical bone defects using a calcium sulfate/hydroxyapatite biomaterial providing spatiotemporal delivery	Genéricas, Ciencia Básica y Estudios con Animales		Science Advances / D.B. Raina et al.	2020
Long Term Response to a Bioactive Biphasic Biomaterial in the Femoral Neck of Osteoporotic Rats	Genéricas, Ciencia Básica y Estudios con Animales		Tissue Eng Part/D.B. Raina et al.	2020
Biomodulation of an implant for enhanced bone-implant anchorage.	Genéricas, Ciencia Básica y Estudios con Animales		Biomaterialia/D.B. Raina et al.	2019
Establishment and effects of allograft and synthetic bone graft substitute treatment of a critical size metaphyseal bone defect model in the sheep femur	Genéricas, Ciencia Básica y Estudios con Animales		Journal of Pathology, Microbiology and Immunology / Hettwer W. et al.	2019
Antibiotic Containing Bone Substitute in Major Hip Surgery: A Long Term Gentamicin Elution Study.	Genéricas, Ciencia Básica y Estudios con Animales		Bone Joint J/ M. Stravinskas et al.	2018
Antibiotic Elution Characteristics and Pharmacokinetics of Gentamicin and Vancomycin from a Mineral Antibiotic Carrier: An in vivo Evaluation of 32 Clinical Cases.	Genéricas, Ciencia Básica y Estudios con Animales		Bone Joint J/ Thomas C. Rasmussen et al.	2018
In vitro anti-biofilm activity of a biphasic gentamicin-loaded calciumsulfate/hydroxyapatite bone graft substitute.	Genéricas, Ciencia Básica y Estudios con Animales		El Selvier/ Butini et al.	2017
Pharmacokinetics of gentamicin eluted from a regenerating bone graft substitute	Genéricas, Ciencia Básica y Estudios con Animales		Bone Joint J/ Butini et al.	2016
Activity of a gentamicin-loaded bone graft substitute against different bacterial biofilm by microcalorimetry.	Genéricas, Ciencia Básica y Estudios con Animales		Bone Joint J / M. Stravinskas et al.	2016
Radiographic remodeling patterns of a gentamicin-eluting hydroxyapatite/calcium sulfate biocomposite. Preliminary results from a large animal model.	Genéricas, Ciencia Básica y Estudios con Animales		Bone Joint J/Hettwer et al.	2016
A biphasic calcium sulphate/hydroxyapatite carrier containing bone morphogenic protein-2 and zoledronic acid generates bone.	Genéricas, Ciencia Básica y Estudios con Animales		Sci. Rep./Raina et al.	2016
In-vivo gentamicin concentrations in plasma and drain fluid after bone defect reconstruction using a gentamicin-eluting bone graft substitute.	Genéricas, Ciencia Básica y Estudios con Animales		Bone Joint J/ Horstmann et al	2015
A biphasic apatite/sulphate bone substitute. Cerament induces bone in a skeletal muscle cell line	Genéricas, Ciencia Básica y Estudios con Animales		EFORT/ Raina et al.	2015
CERAMENT BONE VOID FILLER impregnated with gentamicin increases bone formation and decreases the rate of detectable infection after debridement in a rat model of osteomyelitis.	Genéricas, Ciencia Básica y Estudios con Animales		Annual Meeting/ Dvorzhinskiy et al.	2015
In vitro characterization of a vancomycin eluting injectable bone graft substitute with examination of concomitant bone remodeling in rabbit. Lindberg.	Genéricas, Ciencia Básica y Estudios con Animales		European Bone and Joint Infection Society (EBJIS) 33rd Annual Meeting	2014
Bone graft or bone substitute? International Innovation	Genéricas, Ciencia Básica y Estudios con Animales		Dr. Hofmann et. al., Prof. Rommens et. AL.	2014
The effect of a biphasic injectable bone substitute on the interface strength in a rabbit knee prosthesis model.	Genéricas, Ciencia Básica y Estudios con Animales		J of Orth Surg and Res	2013
Bone healing using a biphasic ceramic bone substitute demonstrated in human vertebroplasty and with histology in a rabbit cancellous bone defect model.	Genéricas, Ciencia Básica y Estudios con Animales		Jnterventional Neuroradiology/ Hatten JR et al	2012
Cancellous bone defect healing with a novel bi-phasic calcium sulfate-hydroxyapatite composite injectable bone substitute.	Genéricas, Ciencia Básica y Estudios con Animales		Voor et al. 56th Annual Meeting of the Orthopaedic Research Society, P	2010
Adjuvant local antibiotic therapy in the management of diabetic foot osteomyelitis.	Osteomyelitis & FRI		Clin Diabetes Endocrinol/Sara Metaoy et. al., Iulia Rusu et. al., Anand	2024
Local Antimicrobial Therapy with Combined Aminoglycoside and Vancomycin Compared to Aminoglycoside Monotherapy in the Surgical Management of Diabetic Foot Osteomyelitis	Osteomyelitis & FRI		The Journal of Antibiotics / Annalise Unsworth et. al., Bernadette Young	2024
The Use of a Vancomycin-Eluting Calcium Sulfate and Hydroxyapatite Composite for Dead Space Management in a Fracture-Related Infection	Osteomyelitis & FRI		Cureus/Olivia Mair et.al., Magdalena Bonleitner et. al. Philipp Rittstiegl	2024
Clinical Outcome following Management of Severe Osteomyelitis due to Pin Site Infection. Strategies Trauma	Osteomyelitis & FRI		Limb Reconstr. / Frank F. et al., Eoghan Pomeroy et. al., A. J. Hotchen	2024
A comparison of clinical and radiological outcomes between two different biodegradable local antibiotic carriers used in the single-stage treatment of diabetic foot osteomyelitis	Osteomyelitis & FRI		Bone Joint Res / J. Ferguson et. al., J. Bourget-Murray et. al., D. Stubbs	2023
Diabetic Midfoot Osteomyelitis.	Osteomyelitis & FRI		Bonesupport /M. Tiruveedhula, M.D. et al.	2022
Mid- to long-term results of single-stage surgery for patients with chronic osteomyelitis using a bioabsorbable gentamicin-loaded cerament	Osteomyelitis & FRI		The Bone & Joint Journal/M. A. McNally et. al., J. Y. Ferguson et. al.	2022
Mycobacterium fortuitum osteomyelitis of the cuboid bone treated with CERAMENT G and V: a case report.	Osteomyelitis & FRI		J. Bone Joint Infect / Fraga et. al., K., Maireles et. al., M., Jordan et.	2022
A retrospective cohort study comparing clinical outcomes and healthcare resource utilisation in patients undergoing surgery for osteomyelitis	Osteomyelitis & FRI		J. Bone Joint Infect / Jamie Ferguson et. al., Myriam Alexander et. al.,	2021
Augmented debridement for implant related chronic osteomyelitis with an absorbable, gentamycin loaded calcium sulfate/hydroxyapatite composite	Osteomyelitis & FRI		Journal of Orthopaedics/E. Drampalos et. al., Hasan R. Mohammad et.	2020
Evidence-Based Recommendations for Local Antimicrobial Strategies and Dead Space Management in Fracture-Related Infection.	Osteomyelitis & FRI		J Orthop Trauma/	2020
End-capping of amputation stumps with a local antibiotic containing hydroxyapatite bio-composite - A report of 13 cases with chronic lower limb osteomyelitis.	Osteomyelitis & FRI		Journal of Orthopaedics/ Anoop Anugraha et al.	2020
Radiographic and Histological Analysis of a Synthetic Bone Graft Substitute Eluting Gentamicin in the Treatment of Chronic Osteomyelitis.	Osteomyelitis & FRI		J. Bone Joint Infect./ J. Ferguson et al.	2019
Single stage treatment of diabetic calcaneal osteomyelitis with an absorbable gentamicin-loaded calcium sulphate/hydroxyapatite biocomposite	Osteomyelitis & FRI		Foot/Efstathios Drampalos et. al., Hasan Raza Mohammad et. al., Christos	2018
Combined dead space management and prevention of infection in open fractures using intramedullary nail in association with an injectable antibiotic-eluting composite bone substitute: A preliminary case series.	Osteomyelitis & FRI		Orthopaedic Proceedings/ Dr. Papadia et al.	2017
Innovative treatment of acute and chronic osteitis of the lower extremity: Case series of 15 patients.	Osteomyelitis & FRI		Orthopaedic Proceedings/S. Huber-Wagner et al.	2017
Single-stage treatment of chronic osteomyelitis with a new absorbable, gentamicin-loaded, calcium sulphate/hydroxyapatite biocomposite: A prospective series of 100 cases.	Osteomyelitis & FRI		The bone & Joint Journal/ M. A. McNally et al.	2016
Treatment of chronic osteomyelitis of the lower limb with a new injectable, vancomycin-loaded, calcium sulfate/hydroxyapatite composite.	Osteomyelitis & FRI		Bone Joint J/ Glombitza & Steinhausen et al.	2016
A comparative study of three bioabsorbable antibiotic carriers in chronic osteomyelitis: 313 patients with minimum 1 year follow-up.	Osteomyelitis & FRI	1 año	Bone Joint J/ McNally et al.	2015
A biphasic bone substitute with gentamycin regenerates bone in osteomyelitis with muscle acting as an osteoinductive niche.	Osteomyelitis & FRI		Bone Joint J/Raina et al.	2015
Staged ankle fusion using a hindfoot nail and CERAMENT G in cases of ankle osteomyelitis after open pilon fractures.	Osteomyelitis & FRI		Bone Joint J/ Corona et al.	2015
CERAMENT G A new treatment for osteomyelitis in diabetic foot syndrome.	Osteomyelitis & FRI		EBJIS / Gächter et al.	2015
Antibiotic eluting resorbable bone graft substitute used in a salvage procedure in a partially amputated diabetic foot patient with a new osteomyelitis - a case report.	Osteomyelitis & FRI		EBJIS 2016/ Berli et al.	2016
Complete twelve month bone remodeling with a bi-phasic injectable bone substitute in benign bone tumors: a prospective pilot study. BMC Musculoskeletal	Defectos de Hueso por Tumores		Disorders/ Kaczmarczyk et al.	2015
Use of a gentamicin-eluting bone graft substitute in the treatment of peri-prosthetic joint infection in a tumor shoulder replacement.	Defectos de Hueso por Tumores		Bone Joint J/ Jensen et al.	2015
Long-Term Follow-Up of Open Gustilo-Anderson IIIB Fractures Treated With an Adjuvant Local Antibiotic Hydroxyapatite Bio-Composite.	Fractura Meseta Tibial		Cureus/Joshua A Henry et. al., Almgid Ali et. al., Ibrahim H Elkhidir et.	2023
General treatment principles for fracture-related infection: recommendations from an international expert group. Arch Orthop Trauma	Fractura Meseta Tibial		Arch Orthop Trauma Surg/Willem-Jan Metsmakers et. al., Mario Morge	2020
Adjuvant Local Antibiotic Hydroxyapatite Bio-Composite in the management of open Gustilo Anderson IIIB fractures. Prospective Review of 80 Patients from the Manchester Ortho-Plastic Unit.	Fractura Meseta Tibial		Journal of Orthopaedics/ AlJawadi et. al., Islam et. al., Jahangir et. al.	2020
Autologous Iliac Bone Graft Compared with Biphasic Hydroxyapatite and Calcium Sulfate Cement for the Treatment of Bone Defects in Tibial Plateau Fractures. A Prospective, Randomized, Open-Label, Multicenter Study.	Fractura Meseta Tibial		Journal of bone and joint surgery, incorporated/Hofmann et. al., Gorbunov	2019
The use of adjuvant local antibiotic hydroxyapatite bio-composite in the management of open Gustilo Anderson type IIIB fractures. A prospective review.	Fractura Meseta Tibial		Journal of Orthopaedics/Jahangira et. al., Noman Niazia et. al.	2019
Bicondylar Osteoporotic Tibial Plateau Fracture Management Utilizing CERAMENT/BONE VOID FILLER.	Fractura Meseta Tibial	18 months	Dr. Prashant Desai Do et al.	2017
CERAMENT treatment of fracture defects (CERTIFY): protocol for a prospective, multicenter, randomized study investigating the use of CERAMENT BONE VOID FILLER in tibial plateau fractures.	Fractura Meseta Tibial		Trials/ Nusselt et al.	2014
Augmentation of tibial plateau fractures with an injectable bone substitute: CERAMENT. Three year follow-up from a prospective study. BMC Musculoskeletal.	Fractura Meseta Tibial		Disorders/ Iundusi et al.	2015
Intramedullary Nailing with an Absorbable Antibiotic Carrier (Ilaac): A Simple Technique Using Standard Implants	Trauma, Extremidad Superior e inferior		J Ortho Sci Res / Eoghan Pomeroy et. al., Martin McNally et. al., Floriana	2024
Clinical Outcome following Management of Severe Osteomyelitis due to Pin Site Infection	Trauma, Extremidad Superior e inferior		Strategies in Trauma and Limb Reconstruction/F. A Frank et. al., E. Por	2024
Trochanteric Femur Fracture Operated With Dynamic Hip Screw System (DHS) Augmented With a Biphasic Apatite Sulphate Combined With Systemic or Local Bisphosphonate	Trauma, Extremidad Superior e inferior		Lithuanian University of Health Sciences First Received / Raina DB. et.	2024
One-stage combined -fix and flap- approach for complex open Gustilo-Anderson IIIB lower limbs fractures: a prospective review of 102	Trauma, Extremidad Superior e inferior		Arch Orthop Trauma Surg. /Ahmed AlJawadi et. al., Amirul Islam et. al.	2022
Biphasic bone graft substitute in revision total hip arthroplasty with significant acetabular bone defects: a retrospective analysis	Trauma, Extremidad Superior e inferior		Bone Jt Open 2022 / E. J. McPherson et. al., A. I. Stavrakis et. al., M.	2022
Does the Use of Local Antibiotics Affect Clinical Outcome of Patients with Fracture-Related Infection?	Trauma, Extremidad Superior e inferior		Antibiotics (Basel)/ J. Slieden et. al., R. A. Corrigan et. al., M. Dudarev	2022
A Biomechanical Analysis of Flowable Injectable Calcium Bone Void Filler on Acromial Tensile Stresses: A method to reduce acromial stress	Trauma, Extremidad Superior e inferior		Surgery and Traumatology (Article in press) Seminars in Arthroplasty	2021
Treatment of fracture-related infection of the lower extremity with antibiotic-eluting ceramic bone substitutes: case series of 35 patients	Trauma, Extremidad Superior e inferior		Infection / Sebastian Pesch et. al., Marc Hanschen et. al., Frederik Gre	2020
Uniplanar versus biplanar monolateral external fixator knee arthrodesis after end-stage failed infected total knee arthroplasty: a comparative study.	Trauma, Extremidad Superior e inferior		European Journal of Orthopaedic Surgery & Traumatology	2019
Novel reconstruction of an open pilon fracture with significant bone loss.	Trauma, Extremidad Superior e inferior		BMJ Case Reports/ Mastan et. al.	2019
Fracture strength of the proximal femur injected with a calcium sulfate/hydroxyapatite bone substitute.	Trauma, Extremidad Superior e inferior		Clinical Biomechanics/Joeri Kok et. al.	2019
Vancomycin elution from a biphasic ceramic bone substitute	Trauma, Extremidad Superior e inferior		Bone Joint Research/ M. Stravinskas et. al.	2019
The effect of local antibiotic prophylaxis when treating open limb fractures: A systematic review and meta-analysis	Trauma, Extremidad Superior e inferior		Bone Joint Res. / M. Morgenstern et. al., A. Vallejo et. al., M A McNally	2018
Adjuvantive bone grafting in arthroscopic surgery for symptomatic meniscal tearing.	Trauma, Extremidad Superior e inferior		Journal of Rheumatology and Orthopedics / Patel M. Mihir et. al., Shan	2018
A ceramic bone substitute containing gentamicin gives good outcome in trochanteric hip fractures treated with dynamic hip screw and in revision of total hip arthroplasty: a case series.	Trauma, Extremidad Superior e inferior		BMC Musculoskelet Disord/ Stravinskas et. al.	2018
Displaced Intra-Articular Calcaneal Fractures Treated With Open Reduction and Internal Fixation and Bone Void Filling with an Injectable	Trauma, Extremidad Superior e inferior		Archives of Trauma Research/Papadia et al, Flores Calascibetta et. al.	2018
Percutaneous treatment with balloon of khipoplasty of the intraarticular fractures of calcaneus.	Trauma, Extremidad Superior e inferior		Foot and Ankle Surgery / García et. al.	2017
Subchondral Insufficiency Fracture of the Femoral Head treated with Core Decompression and Bone Void Filler Support.	Trauma, Extremidad Superior e inferior		Arch Bone Jt Surg./ Hiren Patel et al.	2016
The Use of Bone Graft Substitute in Hand Surgery: A Prospective Observational Study	Trauma, Extremidad Superior e inferior		Observational Study Medicine (Baltimore)/Liodaki et. al., Kraemer et. al.	2016
Arthroscopic-assisted treatment of a reversed Hill-Sachs lesion: description of a new technique using CERAMENT.	Trauma, Extremidad Superior e inferior		Case Reports In Orthopedics/ Bark et. al.	2015
Analysis of drain fluid particle content after implantation of an antibiotic-eluting bone graft substitute close to a partial pelvic replacement.	Trauma, Extremidad Superior e inferior		Bone Joint J/ Hettwer et. al.	2015
Five-year follow-up of patients treated with radius osteotomy and a biphasic absorbable bone substitute.	Trauma, Extremidad Superior e inferior		8th Meeting of the Combined Orthopaedic Research Societies (CORS) Venice, Italy	2013
Clinical device-related article osteotomy of distal radius fracture malunion using a fast remodeling bone substitute consisting of calcium sulphate and calcium phosphate.	Trauma, Extremidad Superior e inferior		Biomed. Mater. Res. Abramo et. al.	2010
Individualized Techniques of Implant Coating with an Antibiotic-Loaded, Hydroxyapatite/Calcium Sulphate Bone Graft Substitute	Recambios Protésicos		Ther Clin Risk Manag. / Freischmidt H et. al., Armbruster J et. al., Reith	2020
Septic Arthritis of the Shoulder with Proximal Humerus Osteomyelitis. Treated by Iliarov Shoulder Arthrodesis.	Recambios Protésicos		J Bone Jt Infect / J. Kendall et. al. M. McNally et. al.	2017
Traumatic periprosthetic acetabular fracture treated with one-stage exchange and bone reconstruction using a synthetic bone graft substitute.	Recambios Protésicos		Case Reports in Orthopedics, Article ID 4160128, 5 pages / Svacina, J. et. al	2016
Calcium-Based, Antibiotic-Loaded Bone Substitute as an Implant Coating: A Pilot Clinical Study.	Recambios Protésicos		Ivyspring International Publisher/N Logoluso et al.	2016
Pharmacokinetics of gentamicin eluted from a regenerating bone graft substitute. In vitro and clinical release studies.	Recambios Protésicos		Bone & Joint Research/ M. Stravinskas et al.	2016
Arthroscopic-Assisted Treatment of a Reversed Hill-Sachs Lesion: Description of a New Technique Using Cerament	Recambios Protésicos		Case Rep Orthop / S. Bark et. al., F. Renken et. al.	2015
Definitive single-stage surgery for treating diabetic foot osteomyelitis: a protocolized pathway including antibiotic bone graft substitute	Pie Diabético		ANZ Journal of Surgery/ Jason Chow et al., Sahand Imani et. al.	2024
Local Antibiotics in the Treatment of Diabetic Foot Infections: A Narrative Review.	Pie Diabético		Antibiotics/L. Soldevila-Boixader et. al., A. Pérez Fernández et. al., J	2023
Limb salvage surgery in diabetic foot infection: encouraging early results with a local antibiotic carrier.	Pie Diabético		Diabetic Foot Journal/Vasukutty, N. L. et. al., Mordecai, S. et. al., Tar	2022
Adjuvant antibiotic loaded bio composite in the management of diabetic foot osteomyelitis – A multicentre study.	Pie Diabético		El Sevier. / Niazi et al.	2019
Single stage treatment of diabetic calcaneal osteomyelitis with CERAMENT G.	Pie Diabético		The Silo Technique. The Foot/ Drampalos et al.	2017
A Calcium sulphate-hidroxyapatite bone graft substitute eluting gentamicin in the treatment of diabetic foot osteomyelitis	Pie Diabético		A Mid Term FOLLOW-UP. EBJIS / Whisstock et al.	2016
Antibiotic eluting resorbable bone graft substitute used in a salvage procedure in a partially amputated diabetic foot patient with a new osteomyelitis	Pie Diabético		A case report. EBJIS / Berli et al.	2016
Antibiotic loaded resorbable bone-graft substitute: a new treatment for osteomyelitis in diabetic foot syndrome.	Pie Diabético		Bone Joint J/ Gächter et al.	2015
A new treatment for osteomyelitis in diabetic foot syndrome.	Pie Diabético		EBJIS/ Gächter et al.	2015
CERAMENT G A new treatment for osteomyelitis in diabetic foot syndrome.	Pie Diabético		EBJIS/ Gächter et al.	2015
Management of a Metatarsal Delayed Union with CERAMENT/BONE VOID FILLER.	Pie Diabético		Bonesupport / Jeffrey C. Karr et al.	2012
Percutaneous cyst aspiration with injection of two different bioresorbable bone cements in treatment of simple bone cyst.	Miscelánea		Journal of Children's Orthopaedics / Chao Dong et al, Peter Klimek et	2020
Short or Long Antibiotic Regimes in Orthopaedics (SOLARIO): a randomised controlled open-label non-inferiority trial of duration of systemic	Miscelánea		Trials/ Dudareva M et.al., Kümin M, Vach W et. al., Kaier K, Ferguson J	2019
Preliminary Results of Highly Injectable Bi-Phasic Bone Substitute (CERAMENT) in the Treatment of Benign Bone Tumors and Tumor-like Lesions	Miscelánea		Open Med (Wars) / D. Kotrych et. al., S. Korecki et. al.	2018
Ceramic Biocomposites as Biodegradable Antibiotic Carriers in the Treatment of Bone Infections.	Miscelánea		J. Bone Joint Infect. / J. Ferguson et al.	2017
Effectiveness of a bone substitute (CERAMENT™) as an alternative to PMMA in percutaneous vertebroplasty: 1-year follow-up on clinical outcome.	Miscelánea		European Spine Journal / Stefano Marcia et. al.	2012
Osteoporotic vertebral compression fractures augmentation by injectable partly resorbable ceramic bone substitute (Cerament™) (SPINE SUPPORT): a prospective nonrandomized study.	Miscelánea		Neuroradiology/ Masala S. et al.	2012
Bioceramic vertebral augmentation with a calcium sulphate/hydroxyapatite composite (Cerament™ SpineSupport) in vertebral compression fractures due to osteoporosis	Miscelánea		Eur Spine J. Rauschmann et al.	2010