

Posters

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AUTOLOGOUS OSTEOCHONDRAL TRANSPLANTATION OF THE TALUS - REGIONAL AND LOCAL CONTACT MECHANICS AND A GRAFT HEIGHT ANALYSIS - A BIOMECHANICAL STUDY
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ELECTROCHEMICAL TREATMENT OF TITANIUM INFLUENCES OSTEOBLAST ACTIVITY

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ADIPOSE-TISSUE DERIVED STEM CELLS IN MUSCULOSKELETAL REPAIR AND REGENERATION

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SHOCK ABSORBING CAPABILITY OF THE KNEE JOINT SUGGESTS A BIOMECHANICAL SOURCE FOR OSTEOARTHRITIS INITIATION

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INCREASED DIRECTIONALITY OF CORTICAL BONE STIFFNESS WITH OSTEOPOROSIS

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THE ROLE OF THE CALCAR FEMORALE IN HIP FRACTURE TYPE- A PILOT STUDY USING RAPID CT

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AGE-DEPENDENT CHANGES IN OSTEOCLAST FORMATION IN A NEW STRAIN OF P2X7 RECEPTOR KNOCKOUT MICE

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SINGLE LEG SQUAT PERFORMANCE IN ANTERIOR CRUCIATE LIGAMENT INJURED SUBJECTS

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FEAR OF RE-INJURY IMPACTS REHABILITATION OF ACL INJURED PATIENTS

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EFFECT OF METAL ION COMBINATIONS ON OSTEOBLASTS IN VITRO

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PREVENTING INFECTION ON ANTIMICROBIAL SPACERS

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A POLYMORPHISM IN THE INHIBIN ALPHA-SUBUNIT GENE IS ASSOCIATED WITH BONE MINERAL DENSITY (BMD) AND SERUM INHIBIN B (INH B) CONCENTRATIONS IN MEN

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ANALYSIS OF FAILED VAN STRATEN LPM PIP PROSTHESES

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EFFECT OF INVERSION AND EVERSION OF THE FOOT AT THE SHOE-PEDAL INTERFACE ON QUADRICEPS MUSCLE ACTIVITY, KNEE ANGLE AND KNEE DISPLACEMENT IN CYCLING

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A LIMPING CHILD, A RARE DIAGNOSIS, A REMARKABLE RECOVERY

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THE EFFECTIVENESS OF CERVICAL SPINE ORTHOSES AT RESTRICTING SPINAL MOTION: A 3-D MOTION ANALYSIS STUDY

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PUTTING THE SPRING IN YOUR STEP - A NOVEL CRUTCH DESIGN

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EVALUATION OF THE ACCURACY OF THE I-BUTTON FOR THE MEASURING PATIENT COMPLIANCE WITH BRACE WEAR IN IDIOPATHIC CLUB FOOT

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CALCIFIC TENDINITIS OF QUADRICEPS AND PATELLAR TENDONS AFFECTING THE SAME KNEE SIMULTANEOUSLY

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THE SYNERGISTIC EFFECTS OF LYSOPHOSPHATIDIC ACID RECEPTOR AGONISTS AND CALCITRIOL ON MG63 OSTEOBLAST MATURATION AT TITANIUM AND HYDROXYAPATITE SURFACES

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BONE MICROSTRUCTURE AND FRACTURE PREDISPOSITION IN YOUNG RACEHORSES

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INVESTIGATION OF 3D PLANAR WRIST MOVEMENTS DURING ACTIVITIES OF DAILY LIVING

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COMPARISON BETWEEN APTUS AND DVR PLATE AS THE PREFERRED METHOD OF DISTAL RADIUS FRACTURE FIXATION

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THE BIOCOMPATIBILITY OF ACELLULAR XENOGENIC SCAFFOLDS FOR BIOLOGICAL CARTILAGE REPAIR

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Abstract withdrawn

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MICROARRAY ANALYSIS OF THE EFFECT OF MILD HYPOTHERMIA ON PRIMARY RAT OSTEOBLASTS

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SINGLE RADIUS OF CURVATURE IMPLANT DESIGN ENHANCES POWER OUTPUT FOLLOWING TOTAL KNEE ARTHROPLASTY

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EXPERIMENTAL GLUCOCORTICOID INDUCED OSTEOPOROSIS: DIFFERENCES BETWEEN MOUSE STRAINS

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RISK FACTORS OF OSTEOPOROSIS IN POSTMENOPAUSAL ALBANIAN WOMEN

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MINIMALLY INVASIVE OXFORD PHASE 3 UNICOMPARTMENTAL KNEE REPLACEMENT: THE FIRST 48 CASES IN SHANGHAI, CHINA

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LACK OF EFFECT OF ADENOSINE ON RODENT OSTEOBLASTS AND OSTEOCLASTS

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THE TIMING OF HIGH TIBIAL OSTEOTOMY IN RELATION TO AUTOLOGOUS CHONDROCYTE TRANSPLANTATION IN VARUS GONARTHROSIS OF THE KNEE

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ASSOCIATIONS BETWEEN VITAMIN D₂ AND D₃ AND CORTICAL BONE PHENOTYPES IN CHILDHOOD: A PROSPECTIVE COHORT STUDY

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THE DEVELOPMENT & VALIDATION OF A SOFTWARE TOOL (SHIPS) FOR MEASUREMENT OF OSTEOARTHRITIS-ASSOCIATED MORPHOLOGICAL PARAMETERS OF THE ACETABULUM & PROXIMAL FEMUR

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DIETARY CALCIUM INTAKE IN POST-MENOPAUSAL WOMEN IN THE METABOLIC BONE CLINIC: ASSESSMENT OF REQUIREMENT FOR CALCIUM-CONTAINING SUPPLEMENTS

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COMBINING MONOCYTES WITH CHONDROCYTES FOR THERAPEUTIC CARTILAGE REPAIR

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DIRECT INHIBITION OF OSTEOCLAST FORMATION AND ACTIVITY BY THE VITAMIN E ISOMER GAMMA-TOCOTRIENOL

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PRECOCIOUS MATURATION OF ARTICULAR CARTILAGE: THE KEY TO CARTILAGE REPAIR AND REGENERATION?

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DEVELOPMENT OF A COMPUTATIONAL MODEL FOR OPTIMISATION OF PERIPROSTHETIC FRACTURE FIXATION

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A BOVINE CARTILAGE EXPLANT MODEL FOR THE STUDY OF STAPHYLOCOCCUS AUREUS INDUCED SEPTIC ARTHRITIS

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PRELIMINARY REPORT OF MINIMALLY INVASIVE OXFORD PHASE 3 UNICONDYLAR KNEE ARTHROPLASTY VIA EXTRAMEDULLARY FEMORAL ALIGNMENT GUIDE FOR UNICOMPARTMENTAL KNEE OSTEOARTHRITIS

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COULD EARLY FEMORAL NECK FRACTURE IN METAL-ON-METAL HIP RESURFACING BE ASSOCIATED WITH WEAR OF THE BEARING SURFACE?

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DETERMINING THE 'RECRYSTALLISATION' ACTIVATION ENERGY OF BONE MINERAL

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GINGIVAL SOFT TISSUE LIMITS ALVEOLAR BONE REGENERATION

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HOW MANY DIFFERENT TYPES OF FEMORA ARE THERE IN PRIMARY HIP OSTEOARTHRITIS? AN ACTIVE SHAPE MODELLING STUDY

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DEVELOPMENT OF A MENISCAL CARTILAGE REPAIR SYSTEM; IN VITRO TESTING UTILISING MENISCAL CARTILAGE CELLS, PLATELET RICH PLASMA AND COLLAGEN BASED SCAFFOLDS

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PERIPHERAL QUANTITATIVE COMPUTED TOMOGRAPHY TO STUDY SKELETAL MATURITY

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EXPERIMENTAL VALIDATION OF A FREE BOUNDARY CONDITION FINITE ELEMENT MODEL OF THE FEMUR

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STRUCTURAL ANALYSIS OF THE FEMUR A COMPLIMENTARY APPROACH TO THE FINITE ELEMENT METHOD

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THE IMPORTANCE OF MODELLING BONE-IMPLANT INTERFACE IN LOCKING PLATE FE MODELS

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FOLLOW-UP OF GAMBIAN RICKETS: POSSIBLE AETIOLOGICAL FACTORS

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BONE REMODELLING AND APOSITION ONTO CALCIUM PHOSPHATE COATED POLYMER SURFACES IN THE SPINE: AN IN VIVO ANIMAL MODEL

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HUMAN ARTICULAR CARTILAGE-DERIVED PROGENITOR CELLS: IDENTIFICATION AND CHARACTERISATION

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LIVE CELL IMAGING AND MATHEMATICAL MODELLING REVEALS A ROLE FOR NON-CANONICAL TGFβ SIGNALLING IN MATRIX PROTEIN TRAFFICKING

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LOADING OF THE HUMAN KNEE ALTERS SYNOVIAL FLUID METABOLITE PROFILES

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INTERNAL DISC DISRUPTION: THE ROLE OF STRESS GRADIENTS

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CREEP' DEFORMITY OF FRACTURED VERTEBRAE IS REDUCED BY VERTEBROPLASTY

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EARLY FAILURE OF CERAMIC-ON-METAL HIP PROSTHESES IN VIVO

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BONE CELL NETWORK VIABILITY: NOVEL 3D MAPPING OF CANCELLOUS OSTEOCYTE INTERCONNECTION IN THE AGEING HUMAN FEMORAL HEAD

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HIGH FAILURE RATES OF THE ASR HIP PROSTHESIS

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A DIRECT METHOD FOR THE FOR THE SPATIAL 3D MAPPING OF TRABECULAR TERMINI IN THE SPINE

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MULTI-FACTORIAL FE ANALYSIS OF METAL ON METAL ACETABULAR CUP FAILURE

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HUMAN DERIVED OSTEOARTHRITIC CARTILAGE PROGENITOR CELLS ELICIT IN VITRO
REGENERATIVE CAPACITY

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INGROWTH OF NERVES AND BLOOD VESSELS INTO PAINFUL INTERVERTEBRAL DISCS

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A NEW SCORING SYSTEM FOR OSTEOARTHRITIS OF THE KNEE

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AN OSTEOCHONDRAL CULTURE MODEL SYSTEM FOR THE STUDY OF ALLOGENIC ARTICULAR
CARTILAGE DERIVED PROGENITOR CELLS IN CARTILAGE REPAIR

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FRACTURE MECHANICS VALUES FROM CANCELLOUS BONE FROM THE HEAD OF THE FEMUR:
RELATIONSHIPS TO NON-INVASIVE SKELETAL ASSESSMENT MEASUREMENTS

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BONE AT HIGH STRAIN RATES: AGE, DUCTILE TO BRITTLE TRANSITION AND BIOPHYSICAL
EFFECTS

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HIGH TIBIAL OSTEOTOMY: LINKING BIOMECHANICAL AND BIOLOGICAL CHANGES

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AGED AND DEGENERATIVE HUMAN INTERVERTEBRAL DISCS: IS THERE A DIFFERENCE?

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IN VITRO CULTURE OF OSTEOBLASTS WITHOUT THE USE OF ANIMAL DERIVED MATERIAL

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OSSEOINTEGRATION OF SILVER TREATED TITANIUM ALLOY

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CHARCOT NEUROPATHIC OSTEOARTHROPATHY, PRO-INFLAMMATORY CYTOKINES AND BONE TURNOVER MARKERS

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CAN RAMAN SPECTROSCOPY BE USED TO MEASURE QUALITATIVE DIFFERENCES IN THE ORGANIC PHASE OF BONES WITH VERY DIFFERENT MINERAL VOLUME FRACTIONS?

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SPATIALLY OFFSET RAMAN SPECTROSCOPY: A NOVEL METHOD FOR THE DETECTION OF MOLECULAR CHANGES IN HUMAN KNEE OSTEOARTHRITIS

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IDENTIFICATION OF AN EXTRAORDINARY BONE PHENOTYPE IN A PATIENT WITH ALKAPTONURIA

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TRABECULAR EXCRESCENCES ARE PRESENT IN OSTEOARTHROPATHIES INCLUDING OSTEOARTHRITIS

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ROENTGENOLOGICAL STUDY OF CALCANEONAVICULAR JOINT

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ACUTE RESPONSE TO ORAL CALCIUM LOADING IN PREGNANT AND LACTATING WOMEN WITH A LOW CALCIUM INTAKE

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INSTRUMENTED TIBIAL NAILS FOR MONITORING NAIL-BONE LOAD SHARING DURING FRACTURE HEALING

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FRICITION IN METAL-ON-POLYETHYLENE LUMBAR TOTAL DISC REPLACEMENTS

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VARIATION IN FEMORAL NECK CORTICAL THICKNESS IN HIP FRACTURE CASES AND CONTROLS: HISTOLOGICAL ANALYSIS OF BIOPSIES FROM 113 SUBJECTS

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FIVE YEAR MIGRATION CHARACTERISTICS OF FOUR CEMENTED FEMORAL STEM DESIGNS IN A RANDOMISED TRIAL

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BETA-XYLOSIDES INHIBITION OF CHONDROITIN SULPHATE SUBSTITUTION ON MATRIX
PROTEOGLYCANS PERTURBS THE DIFFERENTIATION OF BONE MARROW STEM CELLS INTO A
CHONDROGENIC LINEAGE

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A RADIOSTEREOMETRIC SPECIALISED DIRECT DIGITAL X-RAY SYSTEM: IN VITRO VALIDATION
AND GEOMETRICAL ASSESSMENT

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BACK PAIN AND OSTEOPOROSIS

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BONE MINERAL DENSITY IN POSTMENOPAUSAL WOMEN WITH OSTEOPOROTIC FRACTURES

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EFFECT OF BONE QUALITY ON STRAIN RATE AND FRACTURE RISK

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WHAT INFLUENCE DO INFLAMMATORY CYTOKINES HAVE ON THE DEVELOPMENT OF
BIOENGINEERING STRATEGIES TO REPAIR ARTHRITIC JOINTS?

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EFFECT OF ZOLENDRONIC ACID IN TREATMENT OF POSTMENOPAUSAL WOMEN WITH
OSTEOPOROTIC VERTEBRAL FRACTURES

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HYPERLAXITY, TISSUE STRENGTH, COLLAGEN V AND SMALL LEUCINE RICH PROTEOGLYCANS
EXPRESSION: IS THERE A LINK?

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DOES THE ALIGNMENT OF THE FEMORAL STEM AFFECT PATIENT FUNCTIONAL OUTCOME
FOLLOWING PRIMARY TOTAL HIP REPLACEMENT?

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HYPERLAXITY, CAPSULE STRENGTH, COLLAGEN V AND SMALL LEUCINE RICH PROTEOGLYCANS EXPRESSION: IS THERE A LINK?

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IS THE Wii FIT FOR PURPOSE? VALIDATING NINTENDO'S CHOSEN MEASURE OF BALANCE FOR CLINICAL USE

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AN IN VITRO STUDY INTO THE EFFECT OF ZINC-SUBSTITUTED HYDROXYAPATITE ON OSTEOCLAST NUMBER AND ACTIVITY

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THE EFFECT OF MOBILITY AID ON THE TOTAL HEART BEAT INDEX OF PARALYMPICS ATHLETES WHEN TRAVERSING COMPLEX TERRAINS

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CAN THE ROTATIONAL SPEED TO CAUSE SPIRAL FRACTURE BE ESTIMATED FROM THE FRACTURE PATTERN?

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RETRIEVAL ANALYSIS OF TISSUE ENGINEERED BONE: A CLINICAL AND LABORATORY STUDY

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OUTCOME OF THRUST PLATE PROSTHESIS AFTER A MINIMUM OF FIVE YEARS

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FUNCTION AFTER REVISION OF ACETABULUM IN HIP RESURFACING

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THE EFFECT OF HIP JOINT CENTRE OF ROTATION DISPLACEMENT ON PATIENT FUNCTIONAL OUTCOME FOLLOWING PRIMARY TOTAL HIP REPLACEMENT

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OUTCOME OF COMBINED AUTOLOGOUS CHONDROCYTE IMPLANTATION AND ALLOGRAFT MENISCUS TRANSPLANTATION

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AUTOLOGOUS CHONDROCYTE IMPLANTATION TO TREAT CHONDRAL AND OSTEOCHONDRAL DEFECTS IN THE HIP

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EFFECTS OF X-RAY IRRADIATION ON LOAD PARTITIONING BETWEEN THE CONSTITUENT PHASES OF CORTICAL BONE

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VITAMIN D DEFICIENCY AND POOR BONE HEALTH ARE ASSOCIATED WITH CVD RISK IN CAUCASIAN AND ASIAN WOMEN

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RISK OF AVASCULAR NECROSIS OF THE FEMORAL HEAD AFTER INTRA-ARTICULAR STEROID INJECTION

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