

Short Orals
Clinical

Mo-OP21 SERUM HOMOCYSTEINE LEVELS AND BONE MATRIX QUALITY

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Mo-OP22 COLLAGEN'S CONTRIBUTION TO BONE STRENGTH

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Mo-OP23 USE OF THIAZIDE DIURETICS AND RISK OF HIP/FEMUR FRACTURE: A POPULATION-BASED CASE-CONTROL STUDY AND THE FIRST-EVER META-ANALYSIS OF DOUBLE BLINDED RCTS

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Mo-OP24 EFFICACY OF BAZEDOXIFENE IN REDUCING NEW VERTEBRAL FRACTURE RISK IN POSTMENOPAUSAL WOMEN WITH OSTEOPOROSIS: RESULTS FROM A 3-YEAR, RANDOMIZED, PLACEBO- AND ACTIVE-CONTROLLED CLINICAL TRIAL

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Mo-OP25 COMPARATIVE EFFECTS OF TERIPARATIDE AND STRONTIUM RANELATE ON BIOCHEMICAL BONE MARKERS AND ILIAC CREST BIOPSIES IN POSTMENOPAUSAL WOMEN WITH OSTEOPOROSIS

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Mo-OP26 A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED STUDY OF ODANACATIB (MK-822) IN THE TREATMENT OF POSTMENOPAUSAL WOMEN WITH LOW BMD: 18-MONTH RESULTS

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Mo-OP27 THE 10-YEAR PROBABILITY OF RECURRENT OSTEOPOROTIC FRACTURES IN POSTMENOPAUSAL WOMEN AFTER A WRIST FRACTURE, AND THE NUMBER NEEDED TO TREAT FOR 5 YEARS WITH AN ORAL BISPHOSONATE TO PREVENT A SECONDARY FRACTURE

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Mo-OP28 CAN FALL RISK BE INCORPORATED INTO FRACTURE RISK ASSESSMENT ALGORITHMS: A PILOT STUDY OF RESPONSIVENESS TO BISPHOSPHONATES.

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Mo-OP29 INCREASED INTEGRAL BONE MINERAL DENSITY (BMD) OF THE HIP WITH ONCE-YEARLY ZOLEDRONIC ACID 5 MG (ZOL): QUANTITATIVE COMPUTED TOMOGRAPHY DATA (QCT) FROM THE HORIZON-PFT TRIAL

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Mo-OP30 INCREASED INCIDENCE OF ATRIAL FIBRILLATION AND ISCHAEMIC STROKE IN FRACTURE PATIENTS TREATED WITH ORAL BISPHOSPHONATES - A NATIONAL REGISTER STUDY

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Mo-OP41 EFFICACY OF ADDING TERIPARATIDE VERSUS SWITCHING TO TERIPARATIDE IN POSTMENOPAUSAL WOMEN WITH OSTEOPOROSIS PREVIOUSLY TREATED WITH RALOXIFENE OR ALENDRONATE

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Short Orals
Basic

Mo-OP31 MICE LACKING NEURONAL NOS SHOW ACCELERATED BONE LOSS AFTER OVARIECTOMY

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Mo-OP32 PROGRESSIVE ANKYLOSIS GENE (ANK) REGULATES OSTEOBLAST DIFFERENTIATION

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Mo-OP33 HETEROGENEITY BETWEEN CALVARIAL AND LONG BONE OSTEOCLASTS WITH RESPECT TO THE INTERNAL PH REGULATION

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Mo-OP34 BIDIRECTIONAL REGULATION OF PEAK BONE MASS AND AGE-RELATED BONE LOSS BY THE TYPE 1 CANNABINOID RECEPTOR

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Mo-OP35 IDENTIFICATION OF A NOVEL LOSS-OF-FUNCTION MISSENSE MUTATION IN THE RANKL GENE THAT CAUSES OSTEOPETROSIS IN MICE

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Mo-OP36 THE EFFECTS AND MECHANISM OF PROLACTIN ON OSTEOBLAST DIFFERENTIATION

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Mo-OP37 THE NOVEL VITAMIN D ANALOG ZK191784 NORMALIZES THE DECREASED BONE MATRIX MINERALIZATION IN MICE LACKING THE EPITHELIAL CALCIUM CHANNEL TRPV5: A QBEI STUDY

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Mo-OP38 REGULATION OF KLOTHO EXPRESSION BY ESTROGEN

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Mo-OP39 IDENTIFICATION OF NOVEL UNSUSPECTED MOLECULAR TARGETS OF NITROGEN-CONTAINING BISPHOSPHONATES THROUGH BARCODE TECHNOLOGY

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Mo-OP40 VISUALISATION OF CELLULAR UPTAKE AND LOCALISATION OF BISPHOSPHONATE IN VIVO USING A FLUORESCENT ANALOGUE OF RISEDRONATE

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Bone development and tissue engineering Mo-P019 – Mo-P036

Mo-P019 ACTIVITY OF HUMAN OSTEOBLASTS ON A 3D COLLAGEN GAG SCAFFOLD

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Mo-P020 Abstract withdrawn

Mo-P021 INTRATHYROIDAL BONE TISSUE AND FOLLICULAR THYROID CARCINOMA

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Mo-P022 GROWTH EFFORT RULES BONE MINERAL COMPOSITION

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Mo-P023 ASSOCIATION BETWEEN MACRO AND MICRO MINERAL COMPOSITION, AND INTRINSIC MECHANICAL PROPERTIES, DXA, AND CORTICAL THICKNESS, IN HUMAN FEMURS AND DEER ANTLER BONE.

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Mo-P024 RAPID 3D CHARACTERIZATION OF CARTILAGE, BONES AND BIOSCAFFOLD TO SUBMICRON SPATIAL RESOLUTION, WITH A NOVEL MICROCT

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Mo-P025 DOWNREGULATION OF OSTEOGENIC BMP AND CARTILAGE MATRIX DEGRADING MMP GENE EXPRESSION IN DELAYED COMPARED TO STANDARD BONE HEALING

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Mo-P026 FABRICATION AND BIOMEDICAL APPLICATIONS OF ROD-LIKE NANOPARTICLES

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Mo-P027 CHARACTERISTICS OF MINERAL PARTICLES IN THE CALLUS DURING FRACTURE HEALING IN A SHEEP MODEL

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Mo-P028 BONE MINERAL ACCRUAL IN PRE-PUBERTAL BOYS IS NO HIGHER IN BOYS WITH AN ACTIVE THAN IN BOYS WITH A PASSIVE TRANSPORTATION TO SCHOOL – TWO YEAR DATA FROM THE PROSPECTIVE PAEDIATRIC OSTEOPOROSIS PREVENTION (POP) STUDY

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Mo-P029 CALCIFIED TISSUES INVOLVED IN OSTEOINTEGRATION AND DENTO-ALVEOLAR ANKYLOSIS

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Mo-P030 DENTAL CALCIFIED TISSUES REACTION TO AN OSTEOCONDUCTIVE IMPLANT SURFACE. INITIAL RESULTS.

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Mo-P031 DIFFERENCES IN THE HEALING PATHWAYS: RAT MODEL VS. SHEEP MODEL

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Mo-P032 CRITICAL SIZED BONE DEFECTS LEAD TO DELAYED BONE HEALING IN RATS

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Mo-P033 A NEW IN VITRO TEST METHOD TO QUANTIFY MECHANICAL COMPETENCE OF THE EARLY SOFT CALLUS

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Mo-P034 EFFECTS OF LOW AND HIGH PHOSPHORUS DIET ON BONE MICROSTRUCTURE IN RATS

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Mo-P035 EVALUATION OF BONE HEALING IN RABBIT FEMORAL DEFECTS FILLED WITH A NEW CALCIUM PHOSPHATE GLASS CERAMIC POROUS

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Mo-P036 ALTERED GENE EXPRESSION IN EARLY OSTEOCHONDROTIC LESIONS

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Bone development and tissue engineering

See also: **Su-P001 - Su-P018**

Tu-P037 - Tu-P053

Cancer and metabolic bone diseases other than osteoporosis Mo-P068 – Mo-P080

Mo-P068 PRIMARY HYPERPARATHYROIDISM - A PROTEIFORM DISEASE

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Mo-P069 NOVEL INTERACTION BETWEEN SQSTM1 AND ALFY IN HUMAN OSTEOCLASTS AND EFFECT OF SQSTM1 MUTATIONS

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Mo-P070 VALUE OF HIGH RESOLUTION COMPUTED TOMOGRAPHY IN DIAGNOSTIC OF DEGENERATIVE CHANGES OF LUMBAR FACET JOINTS IN PATIENTS WITH LOWER BACK PAIN

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Mo-P071 BONE MARKERS IN CHRONIC INFLAMMATORY BOWEL DISEASES IN CHILDREN AND ADOLESCENTS

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Mo-P072 CELLULAR MECHANISM OF DECREASED BONE FORMATION IN BRTL MOUSE: INCREASED OSTEOCLASTS ARE INDEPENDENT OF DECREASED OSTEOBLAST FUNCTION AND RANKL/OPG RATIO

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Mo-P073 BONE TURNOVER AFTER LIVER TRANSPLANTATION: RELATIVE CONTRIBUTION OF BONE MARKERS AND OSTEOPROTEGERIN/RANK-LIGAND SYSTEM

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Mo-P074 RECEPTOR ACTIVATOR OF NUCLEAR FACTOR KAPPA B LIGAND (RANKL) DIRECTLY MODULATES GENE EXPRESSION PROFILE OF RANK-POSITIVE SAOS-2 HUMAN OSTEOSARCOMA CELLS

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Mo-P075 TERIPARATIDE IN THE TREATMENT OF ADULT OSTEOGENESIS IMPERFECTA - A PROSPECTIVE OBSERVATIONAL TRIAL

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Mo-P076 INVOLVEMENT OF THE CHONDR-OSSEROUS JUNCTION IN CANINE EXPERIMENTAL OSTEOARTHRITIS. EFFECT OF CALCITONIN

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Mo-P077 SEVEN YEARS OF PAMIDRONATE TREATMENT IN YOUNG ADULTS WITH POLYOSTOTIC FIBROUS DYSPLASIA OF BONE: CLINICAL, BIOCHEMICAL AND DENSITOMETRIC OUTCOME

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Mo-P078 BALLOON-KYPHOPLASTY IN THE TREATMENT OF OSTEOLYTIC VERTEBRAL FRACTURES CAUSED BY MULTIPLE MYELOMA - 3 YEARS PROSPECTIVE FOLLOW-UP

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Mo-P079 OSTEOPROTEGERIN, BONE MARKER AND PARATHYROID HORMONE LEVELS IN ELDERLY POSTMENOPAUSAL WOMEN WITH COELIAC DISEASE

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Mo-P080 PROTEOGLYCANS ARE POTENTIAL REGULATORS OF OSTEOPROTEGERIN ANTITUMORAL AND ANTI-BONE RESORPTION ACTIVITIES IN OSTEOSARCOMA.

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Cancer and metabolic bone diseases other than osteoporosis

See also: Su-P055 - Su-P067

Tu-P081 - Tu-P093

Cell biology: osteoblasts, osteocytes and bone formation

Mo-P121– Mo-P147

Mo-P121 BONE LOSS IN PATIENTS WITH PRIMARY BILIARY CIRRHOSIS IS CAUSED BY A FIBRONECTIN ISOFORM

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Mo-P122 EFFECT OF BARIUM ON DIFFERENTIATION OF HUMAN MESENCHYMAL-STEM-CELLS INTO OSTEOBLASTS IN VITRO

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Mo-P123 OSTEOBLAST MATURITY DICTATES RESPONSE TO VASCULAR ENDOTHELIAL GROWTH FACTOR

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Mo-P124 THE REGULATORY ROLES OF INORGANIC PHOSPHATE IN GROWTH PLATE CHONDROCYTE APOPTOSIS

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Mo-P125 THE EFFECT OF FLUID SHEAR STRESS ON RECRUITMENT OF OSTEOCLAST PRECURSORS INDUCED BY OSTEOCYTES

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Mo-P126 TIBIA AND HUMERUS BOWING IN A MOUSE MODEL FOR NEUROFIBROMATOSIS TYPE 1.

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Mo-P127 CRANIOMETAPHYSEAL DYSPLASIA IS CAUSED BY REDUCED PLASMA MEMBRANE ACCESSIBILITY AND ALTERED SUBCELLULAR LOCALIZATION OF MUTANT ANK

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Mo-P128 EFFECTS OF SIMULATED SPACE RADIATION ON MURINE BONE CELL DIFFERENTIATION AND GENE EXPRESSION

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Mo-P129 EFFECTS OF PREGNANCY IN PRIMARY BONE CELLS EXPOSED TO OSCILLATORY FLUID FLOW

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Mo-P130 CELL ATTACHMENT AND PROLIFERATION BEHAVIOR OF OSTEOBLAST-LIKE E1 CELLS AND GINGIVAL FIBROBLASTS GROOVED SURFACE OF ZIRCONIA CERAMICS

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Mo-P131 HEPARIN MODULATES THE EFFECT OF WNT3A ON OSTEOBLAST PROLIFERATION AND DIFFERENTIATION

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Mo-P132 OSTEOGENIC EFFECTS OF BOTH N- AND C-TERMINAL PARATHYROID HORMONE-RELATED PROTEIN FRAGMENTS IN AN EXPERIMENTAL MODEL OF REGENERATING BONE IN DIABETIC MICE

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Mo-P133 A NOVEL NUTRITIONAL MODEL FOR BONE QUALITY STUDIES

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Mo-P134 KERATIN 18 IS UPREGULATED IN CELLS FROM PAGETIC LESIONS AND AFFECTS GENE EXPRESSION IN HUMAN OSTEOBLASTS

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Mo-P135 ERYTHROPOIETIN: A NOVEL DABA?

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Mo-P136 CALCITONIN GENE RELATED PEPTIDE (CGRP) MODULATES WNT SIGNALING IN HUMAN OSTEOBLAST-LIKE CELLS

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Mo-P137 DISTURBED MESENCHYMAL STEM CELL DIFFERENTIATION AND OSTEOPOROTIC LIKE FEATURES IN AGEING MALE DNA REPAIR DEFICIENT TTD MICE

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Mo-P138 UPTAKE OF POSTPRANDIAL LIPOPROTEINS INTO OSTEOBLASTS IN MICE

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Mo-P139 OSSEOINTEGRATION OF ORTHODONTIC TITANIUM MINIPLATES IN DOGS: MICRORADIOGRAPHIC AND HISTOLOGICAL ASSESSMENT

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Mo-P140 EFFECT OF PROINFLAMMATORY CYTOKINES AND SERUM OF CROHN'S DISEASE PATIENTS ON PRIMARY HUMAN OSTEOBLAST PROLIFERATION

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Mo-P141 BISPHTHONATES INHIBIT OSTEOBLAST GROWTH AND BONE FORMATION

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Mo-P142 EXPRESSION OF GUT HORMONE RECEPTORS IN DIFFERENT STAGES OF OSTEOBLASTIC DEVELOPMENT

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Mo-P143 RAP-011, A SOLUBLE ACTIVIN RECEPTOR TYPE IIA, STIMULATES OSTEOBLAST DIFFERENTIATION AND INHIBITS OSTEOCLAST DEVELOPMENT

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Mo-P144 THE SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION (STAT) 3 LINKS IL-6 AND C-SRC PATHWAYS IN OSTEOBLASTS.

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Mo-P145 FISH AS AN ALTERNATIVE MODEL TO EXPLORE BONE BIOLOGY: ROLE OF FOUR AND A HALF LIM DOMAINS 2 IN TISSUE MINERALIZATION

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Mo-P146 SETS OF GENES ARE REGULATED IN OSTEOBLASTS BY MODELLED MICROGRAVITY

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Mo-P147 CYCLICAL COMPRESSIVE LOADING INDUCES CHANGES IN CELLULAR BEHAVIOUR AND ATP RELEASE FROM OSTEOBLASTS GROWN ON 3-DIMENSIONAL SCAFFOLDS

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Cell biology: osteoblasts, osteocytes and bone formation

See also: **Su-P094 - Su-P120**

Tu-P148 - Tu-P174

Cell biology: osteoclasts and bone resorption Mo-P186 – Mo-P196

Mo-P186 RELATIONSHIP BETWEEN BONE RANKL MRNA LEVELS AND BONE STRUCTURAL AND TURNOVER MARKERS IN MALE OSTEOARTHRITICS

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Mo-P187 EFFECTS OF MELATONIN ON PRO-INFLAMMATORY CYTOKINE PRODUCTION IN PGE2-ACTIVATED HUMAN GINGIVAL FIBROBLASTS IN VITRO

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Mo-P188 ACIDOSIS AUGMENTS THE RESORPTIVE CAPACITY OF HUMAN OSTEOCLASTS BY INCREASING LYSOSOMAL ACIDIFICATION

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Mo-P189 IL-6 INHIBITS RANKL-INDUCED OSTEOCLASTOGENESIS BY DIVERTING CELLS

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Mo-P190 OSTEOBLAST-MEDIATED INHIBITION OF OSTEOCLASTOGENESIS BY TUMOR NECROSIS FACTOR-ALPHA

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Mo-P191 STIMULATION BY TOLL-LIKE RECEPTOR 5 MODULATES OSTEOCLAST DIFFERENTIATION THROUGH STAT1/IFN-BETA

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Mo-P192 IS BACTERIAL LIPOPOLYSACCHARIDE CAN MEDIATE OSTEOCLASTOGENESIS INDEPENDENTLY OF RANKL?

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Mo-P193 ACID EXTRUSION AND INTRACELLULAR PH REGULATION IN PRIMARY OSTEOCLASTS CULTURED ON GLASS

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Mo-P194 THE SEVERE OSTEOPETROTIC PHENOTYPE IN CLC-7 DEFICIENT MICE IS CAUSED BY DECREASED LYSOSOMAL ACIDIFICATION IN THE OSTEOCLASTS

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Mo-P195 THE ACUTE CHARCOT FOOT IS CHARACTERISED BY INCREASED PROINFLAMMATORY CYTOKINES, TNF-ALPHA AND IL-6, WHICH CORRELATE WITH ITS PATHOLOGICAL BONE TURNOVER

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Mo-P196 RANKL-DEPENDENT DIFFERENTIATION OF HL-60 CELLS INTO FUNCTIONAL OSTEOCLASTS

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Cell biology: osteoclasts and bone resorption

See also: Su-P175 - Su-P185

Tu-P197 - Tu-P206

Genetics

Mo-P218 – Mo-P227

Mo-P218 POLYMORPHISMS IN THE PROMOTER REGION AND INTRON 1 OF THE ESTROGEN RECEPTOR ALPHA GENE INCLUDING A NOVEL GLUCOCORTICOID RESPONSIVE SITE ARE ASSOCIATED WITH BONE MINERAL DENSITY IN 75-YEAR OLD SWEDISH WOMEN

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Mo-P219 LRP5 A1330V POLYMORPHISM IS ASSOCIATED WITH HIP BMD IN OSTEOPOROTIC MEN, BUT NOT WITH RESPONSE TO BISPHTHONATE TREATMENT

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Mo-P220 VDR FOKI POLYMORPHISM IS ASSOCIATED WITH BMD AND AN IMPAIRED RESPONSE TO RISEDRONATE TREATMENT IN OSTEOPOROTIC MEN

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Mo-P221 SINGLE NUCLEOTIDE POLYMORPHISMS IN NEW CANDIDATE GENES ARE ASSOCIATED WITH BONE MINERAL DENSITY AND FRACTURE RISK

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Mo-P222 RANDOMIZED DOSE COMPARISON OF PAMIDRONATE IN CHILDREN WITH TYPES III AND IV OSTEOGENESIS IMPERFECTA: 3 VS 6 MONTH CYCLES

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Mo-P223 GENE EXPRESSION IN TRABECULAR BONE: BMP2 EXPRESSION IS HIGHER IN HIP FRACTURE PATIENTS COMPARED TO OSTEOARTHRITIS AND RHEUMATOID ARTHRITIS

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Mo-P224 MICROARRAY TECHNOLOGY IN MEDICAL ANALYSIS AND RESEARCH OF BONE METABOLISM GENES

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Mo-P225 GENOTYPE FREQUENCIES OF CYP 17 AND CYP 19 POLYMORPHISMS IN A SPANISH EARLY POSTMENOPAUSAL WOMEN POPULATION: RELATION TO BONE MINERAL DENSITY

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Mo-P226 EFFECTS OF BMP2 IN THE IN VITRO REGULATION OF THE HUMAN COL1A1 PROMOTER

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Mo-P227 ASSOCIATIONS OF THE VITAMIN D RECEPTOR, CALCITONIN RECEPTOR AND OSTEOPROTEGERIN GENES AND THEIR INTERACTIONS WITH BONE DENSITY, BONE TURNOVER MARKERS AND FRACTURE INCIDENCE IN SLOVAK POSTMENOPAUSAL WOMEN

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Genetics

See also: Su-P207 - Su-P217

Tu-P228 - Tu-P238

Hormones, including estrogen, vitamin D, PTHRP Mo-P254 – Mo-P268

Mo-P254 GPR30 ESTROGEN RECEPTOR EXPRESSION IN BONE CELLS DURING PUBERTAL DEVELOPMENT

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Mo-P255 THE EFFICACY AND SAFETY OF SHORT TERM TREATMENT WITH INCREASING DOSES OF CHOLECALCIFEROL ON 25-HYDROXY VITAMIN D LEVELS IN HEALTHY POSTMENOPAUSAL WOMEN

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Mo-P256 THE CHANGES OF MINERAL BONE DENSITY AMONG WOMEN WHO HAVE HYPERPROLACTINEMIA DEPENDENT ON PATHOGENETIC SPECIFICS OF THE DISEASE.

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Mo-P257 SERUM 25(OH)D AND PARATHYROID HORMONE ACCORDING TO AGE IN KOREAN WOMEN

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Mo-P258 LACK OF ASSOCIATION BETWEEN INSULIN RESISTANCE AND VITAMIN D STATUS IN FIRST TRIMESTER OF PREGNANCY IN NORTH INDIAN SUBJECTS

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Mo-P259 LOW FETUIN AHSR CONCENTRATION IN SERUM IS MARKER OF CALCIFICATION WITH THE PATIENTS ON HAEMODIALYSIS AND PREDICATOR OF CORONARY VESSELS CALCIFICATION

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Mo-P260 THE RELATIONSHIP BETWEEN SEX STEROIDS AND BONE DENSITY IN MEN WITH DOWN SYNDROME

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Mo-P261 ORAL TREATMENT WITH THE CALCIUM RECEPTOR ANTAGONIST SB-423557 CAUSES PTH RELEASE IN MULTIPLE SPECIES AND POSITIVE BONE FORMING EFFECTS IN RATS

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Mo-P262 FRACTURE INCIDENCE AND CHANGES IN QUALITY OF LIFE AND BACK PAIN IN WOMEN WITH OSTEOPOROSIS TREATED WITH RHPPTH(1-34) (TERIPARATIDE): 18 MONTH RESULTS FROM THE EUROPEAN FORSTEO OBSERVATIONAL STUDY (EFOS)

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Mo-P263 PRE-OPERATIVE SERUM ALKALINE PHOSPHATASE PREDICTS HUNGRY BONE SYNDROME AFTER PARATHYROIDECTOMY FOR PRIMARY HYPERPARATHYROIDISM

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Mo-P264 EFFICACY OF AN INTRAVENOUS CALCIUM GLUCONATE INFUSION IN CONTROLLING SERUM CALCIUM AFTER PARATHYROIDECTOMY FOR TERTIARY HYPERPARATHYROIDISM

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Mo-P265 EFFECTS OF EXTRACELLULAR INORGANIC PHOSPHATE ON FIBROBLAST GROWTH FACTOR 23 SIGNALING IN RENAL TUBULE CELLS

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Mo-P266 DEVELOPMENT OF AN ASSAY FOR 25-HYDROXY VITAMIN D ON THE NEW AUTOMATED 3X3 SYSTEM

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Mo-P267 HYPOGONADISM AND BONE IN MEN: IMPACT OF BODY WEIGHT IN A FOLLOW-UP OVER 4 YEARS

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Mo-P268 VITAMIN D RECEPTOR POLYMORPHISMS IN HYPOCALCEMIC VITAMIN D-RESISTANT RICKETS CARRIERS

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Hormones, including estrogen, vitamin D, PTHRP

See also: **Su-P239 - Su-P253**

Tu-P269 - Tu-P283

Osteoporosis: evaluation Mo-P297 – Mo-P310

Mo-P297 ESTIMATES OF VOLUMETRIC BONE MINERAL DENSITY FROM SCANS UTILIZED BY IDXA

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Mo-P298 FAMILY PHYSICIANS' X-RAY ORDERING PATTERNS IMPROVE IN HIGH RISK PATIENTS FOLLOWING THE CANADIAN QUALITY CIRCLE (CQC) NATIONAL PROJECT

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Mo-P299 FAMILY PHYSICIANS' UTILIZATION OF APPROPRIATE BONE MINERAL DENSITY TESTING IMPROVED FOLLOWING THE NATIONAL CANADIAN QUALITY CIRCLE (CQC) PROJECT

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Mo-P300 THE CRACK-GROWTH RESISTANCE OF BONE AND THE INFLUENCE OF ORIENTATION AND DRUG TREATMENTS ON THE TOUGHENING MECHANISMS IN BONE

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Mo-P301 THE IMPORTANCE OF BONE MINERAL DENSITY MEASUREMENT AT MULTIPLE SKELETON SITES

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Mo-P302 BODY COMPOSITION AND BONE MASS IN HEALTHY CHILDREN OF EXTREMADURA (SPAIN): CORRELATION WITH ANTHROPOMETRICS AND NUTRITIONAL FACTORS

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Mo-P303 BODY COMPOSITION AND BONE MASS IN HEALTHY SPANISH WOMEN: RELATIONSHIP WITH GONADAL STATUS

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Mo-P304 BONE TURNOVER MARKERS ASSESSED AT BASELINE CORRELATES WITH BASELINE AND 5-YEAR PROSPECTIVE CHANGES OF QUANTITATIVE ULTRASOUND (QUS) OF CALCANEUS

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Mo-P305 THE ROUTINE USE OF VERTEBRAL FRACTURE ASSESSMENT IS MORE EFFECTIVE THAN TARGETED SCREENING.

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Mo-P306 BONE TURNOVER MARKERS DECLINE WITH ADVANCING AGE IN HEALTHY PREMENOPAUSAL WOMEN

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Mo-P307 ABSOLUTE RISK OF FRACTURES IN MIDDLE-AGED AND OLDER MEN AND WOMEN: THE EUROPEAN PROSPECTIVE INVESTIGATION INTO CANCER-NORFOLK STUDY

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Mo-P308 GENDER DIFFERENCES IN SPEED OF SOUND AS ASSESSED BY SUNLIGHT OMNISENSE MULTISITE QUANTITATIVE ULTRASOUND: THE CANADIAN MULTICENTRE OSTEOPOROSIS STUDY.

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Mo-P309 DIAGNOSIS AND SECONDARY PREVENTION OF OSTEOPOROSIS. NATIONAL STUDY OF OSTEOPOROTIC FRACTURES IN OUTPATIENT TRAUMA CARE

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Mo-P310 BONE MINERAL DENSITY IN FEMALE IMMIGRANTS FROM POLAND TO GERMANY

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Osteoporosis: evaluation

See also: **Su-P284 - Su-P296**

Tu-P311 - Tu-P324

Osteoporosis: pathophysiology and epidemiology

Mo-P348 – Mo-P370

Mo-P348 AVERAGE PHYSICAL ACTIVITY IS ASSOCIATED WITH HIP SIZE AND DENSITY IN BOYS BUT NOT GIRLS AT 4 YEARS OLD

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Mo-P349 LONGITUDINAL CHANGES IN BONE MINERAL DENSITY FOR HEALTHY MALE ELDERS IN SOUTHERN TAIWAN

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Mo-P350 QUANTITATIVE CALCANEAL ULTRASOUND AND VERTEBRAL FRACTURES IN A POPULATION-BASED STUDY IN SOUTHERN ITALY

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Mo-P351 CALCIUM INTAKE AND VERTEBRAL FRACTURES IN A SOUTHERN ITALIAN POPULATION

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Mo-P352 BMD AND SERUM LEPTIN LEVEL IN TYPE II DM PATIENTS COMPARED WITH NORMAL GROUP IN POSTMENOPAUSAL KOREAN WOMEN

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Mo-P353 POSSIBLE MECHANISM OF OUCH-OUCH DISEASE CAUSED BY CADMIUM EXPOSURE

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Mo-P354 SERUM BETA-CTX LEVELS ARE RELATED TO LOW BONE MASS, SKELETAL FRACTURES AND OSTEOPOROSIS THERAPY IN POSTMENOPAUSAL WOMEN. PRELIMINARY DATA FROM THE FRODOS

STUDY.

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Mo-P355 LIFESTYLE DETERMINANTS OF BONE MINERAL DENSITY IN HEALTHY INDIAN MEN

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Mo-P356 INSULIN SECRETORY CAPACITY AND BONE MINERAL DENSITY IN TYPE 2 DIABETES MELLITUS

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Mo-P357 LIFELONG DISTURBANCE OF CALCIUM HOMEOSTASIS IN TRPV5 KNOCK-OUT MICE HAVE PROFOUND EFFECTS ON BONE WITH AGEING

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Mo-P358 RELATIONSHIPS BETWEEN LIPID METABOLISM AND BONE MINERAL DENSITY IN COMMUNITY-DWELLING ELDERLY

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Mo-P359 THE ROLE OF FAS/FAS LIGAND SYSTEM IN ESTROGEN DEFICIENCY-INDUCED OSTEOPOROSIS

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Mo-P360 EPIDEMIOLOGICAL SURVEY OF OSTEOPOROSIS IN PEOPLE FROM NAPLES: RISK FACTORS AND MORPHOMETRIC EVALUATION OF VERTEBRAL DEFORMITIES.

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Mo-P361 COMPARISON OF DXA AND QUS PARAMETERS OF UPPER EXTREMITIES IN HEMODIALYSIS PATIENTS

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Mo-P362 HIP FRACTURE INCIDENCE AND MORTALITY IN QUEBEC- 1992 TO 2002

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Mo-P363 SEXUAL DIMORPHISM FOR BONE MINERAL DENSITY AS A PROSPECTIVE RISK FACTOR FOR STROKE

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Mo-P364 FRACTURES AND OTHER RISK FACTORS FOR DEATH

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Mo-P365 ELECTRON MICROSCOPY ON THE CRYSTAL STRUCTURE IN VASCULAR CALCIFICATION

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Mo-P366 INCIDENCE OF NONSURGICAL FRAGILITY FRACTURES. NATIONAL STUDY OF OSTEOPOROTIC FRACTURES IN OUTPATIENT TRAUMA CARE

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Mo-P367 THE PREVALENCE OF SECONDARY HYPERPARATHYROIDISM AMONG POSTMENOPAUSAL WOMEN SUFFERING FROM END-STAGE KNEE OSTEOARTHRITIS SCHEDULED TO UNDERGO TOTAL KNEE ARTHROPLASTY. SHOULD WE CARE ABOUT IT?

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Mo-P368 ASSOCIATION BETWEEN BONE MINERAL DENSITY AND LOWER-LIMB FUNCTION IN OLDER ADULTS: CROSS-SECTIONAL DATA FROM THE JAPANESE FALL PREVENTION PROGRAM FOR SENIORS

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Mo-P369 EFFECT OF BISPHOSPHONATE TREATMENT ON COLLAGEN CROSS-LINKS IN TRANSGENIC MICE OVEREXPRESSING RUNX2

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Mo-P370 DIET-INDUCED HYPERINSULINAEMIA NEGATIVELY AFFECTS BONE IN MALE C57/BL MICE

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Osteoporosis: pathophysiology and epidemiology

See also: **Su-P325 - Su-P347**

Tu-P371 - Tu-P393

Osteoporosis: treatment Mo-P431 – Mo-P469

Mo-P431 EFFECTS OF PROPRANOLOL ON THE SKELETAL SYSTEM OF NON-OVARIETOMIZED AND OVARIETOMIZED RATS

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Mo-P432 DIFFERENTIAL EFFECTS OF FENOTEROL ON THE SKELETAL SYSTEM OF NON-OVARIETOMIZED AND OVARIETOMIZED RATS

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Mo-P433 EFFECT OF CONCURRENT ADMINISTRATION OF OMEPRAZOLE AND ALENDRONATE ON BONE HISTOMORPHOMETRIC PARAMETERS IN OVARIETOMIZED RATS

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Mo-P434 EFFECTS OF NATURAL PHENOLIC ACIDS ON THE SKELETAL SYSTEM OF OVARIECTOMIZED RATS

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Mo-P435 SAFETY AND TOLERABILITY OF BAZEDOXIFENE FOR THE PREVENTION OF POSTMENOPAUSAL OSTEOPOROSIS

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Mo-P436 EFFECT OF TWO DIFFERENT TREATMENT REGIMENS OF ALENDRONATE ON BONE MINERAL DENSITY IN POST-MENOPAUSAL WOMEN WITH OSTEOPOROSIS: A RANDOMIZED-CONTROLLED TRIAL

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Mo-P437 Abstract Withdrawn

Mo-P438 COMPARISON OF THE EFFECTS OF TERIPARATIDE AND ALENDRONATE ON PARAMETERS OF TOTAL HIP STRENGTH AS ASSESSED BY FINITE ELEMENT ANALYSIS: RESULTS FROM THE FORTEO AND ALENDRONATE COMPARISON TRIAL

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Mo-P439 A RANDOMISED DOUBLE BLIND PLACEBO CONTROLLED TRIAL TO DETERMINE THE MAGNITUDE OF CHANGE IN BONE MINERAL DENSITY IN RESPONSE TO LASOFOXIFENE

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Mo-P440 MR-DETECTED BONE MARROW EDEMA IS NOT A PREREQUISITE FOR LONG TERM BENEFIT BY KYPHOPLASTY

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Mo-P441 SURVIVAL, FUNCTIONAL OUTCOME, AND COSTS OF CARE AMONG POSTMENOPAUSAL WOMEN WITH AN INTERTROCHANTERIC HIP FRACTURE:

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Mo-P442 COSTS OF CARE AFTER HOSPITAL DISCHARGE AMONG POSTMENOPAUSAL WOMEN WITH AN INTERTROCHANTERIC HIP FRACTURE

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Mo-P443 LEPTIN RECEPTOR EXPRESSION IN SKELETAL MUSCLE DECLINES WITH AGING: A MECHANISM LINKING ALTERED LEPTIN SIGNALING WITH FRAILTY AND SARCOPENIA

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Mo-P444 EFFECTS OF PAMIDRONATE (APD) IN OSTEOPOROTIC PATIENTS: ANALYSIS OF THE EFFECTS ON BONE REMODELING, BONE MINERAL METABOLISM, RENAL FUNCTION, BONE MINERAL DENSITY (BMD) AND FRACTURES

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Mo-P445 INCIDENT FRACTURES PREDICT MORTALITY: THE CANADIAN MULTICENTRE OSTEOPOROSIS STUDY (CAMOS)

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Mo-P446 TREATMENT INCREASES IN PATIENTS WITH OSTEOPENIA AND PRIOR FRACTURES FOLLOWING THE CANADIAN QUALITY CIRCLE (CQC) NATIONAL PROJECT

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Mo-P447 FAMILY PHYSICIANS USE OF NON-PHARMACOLOGICAL INTERVENTIONS INCREASES FOLLOWING THE CANADIAN QUALITY CIRCLE (CQC) NATIONAL PROJECT

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Mo-P448 COMPARATIVE EFFICACY OF SEVERAL OSTEOPOROSIS MEDICATIONS IN POSTMENOPAUSAL WOMEN WITH OSTEOPOROSIS

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Mo-P449 CONTINUED INCREASE IN HIP BMD AFTER 36 MONTHS OF PTH(1-84) TREATMENT IN POSTMENOPAUSAL WOMEN

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Mo-P450 OVERALL INCIDENCE OF ATRIAL FIBRILLATION, STROKE, AND MORTALITY FROM STROKE IN PATIENTS TREATED WITH RISEDRONATE OR PLACEBO

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Mo-P451 VITAMIN D SUPPLEMENTATION IN DAILY PRACTICE. 10.000 IU WEEKLY – TOO HIGH OR TOO LOW?

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Mo-P452 AN ENVIRONMENTAL SCAN OF OSTEOPOROSIS MANAGEMENT IN CANADIAN NURSING HOMES

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Mo-P453 EFFICACY OF RISEDRONATE FOR NON-VERTEBRAL FRACTURES IS CONSISTENT ACROSS AGE GROUPS

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Mo-P454 CONTINUOUS TREATMENT OF POSTMENOPAUSAL OSTEOPOROTIC GREEK WOMEN WITH RISEDRONATE AND ITS EFFECT ON BONE MARKERS.

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Mo-P455 A RANDOMIZED CONTROL TRIAL TO EVALUATE THE IMPACT OF RISEDRONATE ON BONE LOSS CAUSED BY A SINGLE FLARE-UP OF INFLAMMATORY BOWEL DISEASE

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Mo-P456 PROSPECTIVE DATA ON THE FUNCTIONAL OUTCOME OF PATIENTS AFTER HIP FRACTURE

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Mo-P457 EFFECTS OF PAMIDRONATE, CALCIUM AND VITAMIN D IN TREATMENT OF EXPERIMENTAL OSTEOPOROSIS

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Mo-P458 PATIENTS WITH NEW COLLES' FRACTURES HAVE HIGH LEVELS OF UNDERDIAGNOSED AND UNDERTREATED PREVIOUS FRACTURES

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Mo-P459 INTAKE OF CALCIUM, MAGNESIUM AND SODIUM THROUGH WATER: HEALTH IMPLICATIONS.

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Mo-P460 SAFETY AND TOLERABILITY OF TERIPARATIDE IN ELDERLY OSTEOPOROTIC ITALIAN WOMEN

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Mo-P461 TERIPARATIDE USE IN THE ELDERLY: REAL LIFE DATA FROM THE UK

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Mo-P462 THE IMPACT OF RISEDRONATE ON CLINICAL FRACTURE RISK AMONG PATIENTS WITH PRIOR HIP FRACTURE

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Mo-P463 THE BMD AND BONE TURNOVER MARKER RESPONSE TO STRONTIUM RANELATE IN WOMEN WITH PRIOR BISPHOSPHONATE EXPOSURE.

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Mo-P464 THE EFFECT OF STRONTIUM RANELATE ON HEEL BMD AND ULTRASOUND.

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Mo-P465 EFFICACY OF BAZEDOXIFENE FOR THE PREVENTION OF POSTMENOPAUSAL OSTEOPOROSIS: RESULTS OF A 2-YEAR, PHASE III, PLACEBO- AND ACTIVE-CONTROLLED STUDY

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Mo-P466 INFLUENCE OF LUMBAR SPINE BMD AT BASELINE ON THE INCIDENCE OF NEW VERTEBRAL FRACTURES AFTER 18 MONTHS TREATMENT WITH PTH(1-84). RESULTS FROM THE TOP STUDY

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Mo-P467 EFFECT OF LIVER TRANSPLANTATION AND HIGH-DOSE ZOLEDRONATE TREATMENT ON BONE MINERALIZATION IN “HEPATIC” BONE DISEASE

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Mo-P468 TERIPARATIDE ADMINISTRATION FOLLOWING INSUFFICIENT BISPHOSPHONATE THERAPY (BBB-STUDY): CLINICAL CHANGES, 3D MICROARCHITECTURE & HISTOLOGIC FINDINGS AFTER 6 MONTHS

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Mo-P469 INHIBITION OF INFLAMMATORY EFFECT OF ALENDRONATE BY SIMVASTATIN IN A RAT MODEL OF ACUTE LOCAL INFLAMMATION

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Osteoporosis: treatment

See also: Su-P394 - Su-P430

Tu-P470 - Tu-P508