

	Sept 17, Thursday Hall 1	Sept 17, Thursday Hall 2	Sept 18, Friday Hall 1	Sept 18, Friday Hall 2
08:00-08:15	Opening Presentations Feza Korkusuz Halit Pınar Denitsa Docheva			
08:15-09:15	<p style="text-align: center;"><u>SESSION 1</u></p> <p>Chairs: Cenk Demirdöver Pınar Yılgör Huri</p> <p>AM (95)-Mervenaz Şahin- DESIGN AND FABRICATION OF NOVEL FUNCTIONALLY GRADED BONE SCAFFOLDS USING TOPOLOGY OPTIMIZATION</p> <p>AM (94)-Anna Diez-Escudero- EFFECTS OF SILVER COATING ON TRABECULAR TITANIUM SCAFFOLDS: ANALYSIS OF ANTIBACTERIAL AND OSTEOCONDUCTIVE PROPERTIES</p> <p>PN (184)-Halil Yıldırım- THE EFFECT OF HYPERICUM PERFORATUM ON PERIPHERAL NERVE REGENERATION IN RATS EXPERIMENTALLY SUBJECTED TO NERVE INJURY</p> <p>RS (199)-Geert Meermans- WHAT CAUSES CUP INCLINATION OUTLIERS IN PRIMARY TOTAL HIP ARTHROPLASTY? A PROSPECTIVE COHORT STUDY.</p> <p>RS (315)-Yifan Li- THE SHORT-TERM OUTCOME AFTER HIGH TIBIAL OSTEOTOMY WITH A 3D-PRINTING TECHNOLOGY IN MEDIAL KNEE OSTEOARTHRITIS</p> <p>RS (105)-Charles Wallace- REVISION OF UNICOMPARTMENTAL KNEE ARTHROPLASTY TO TOTAL KNEE ARTHROPLASTY USING ROBOTIC-ARM ASSISTED TECHNOLOGY</p>	<p style="text-align: center;"><u>SESSION 10</u></p> <p>Chairs: Gilson Khang Gabriela Graziani</p> <p>BN (322)-Efe Kemal Akdoğan- COMPARISON OF LOOFAH/PLA/HAP AND LOOFAH/PLA/CHITOSAN SCAFFOLDS IN NEW ZEALAND RABBIT MENISCAL REGENERATION</p> <p>BN (319)-Cihangir Türemiş- FABRICATION AND BIOCOMPATIBILITY ANALYSIS OF LOOFAH / HAP / CMC SCAFFOLDS FOR BONE TISSUE ENGINEERING</p> <p>BN (313)- Isabel Maria Benjumeda- MARINE BIOMATERIALS FOR BONE TISSUE REGENERATION: A BIOCOMPATIBLE EVALUATION WITH STEM CELLS</p> <p>BN (150)-T Stich- CELL RESPONSE TO NOVEL NANOSTRUCTURED TITANIUM SCAFFOLDS</p> <p>BN (294)-Tarık Elma- COMPARISON OF ANTIMICROBIAL AND MECHANICAL PROPERTIES OF BONE CEMENT SAMPLES CONTAINING DIFFERENT AMOUNTS OF ANTIBIOTICS</p> <p>BN (194)- Sujeesh Sebastian- INJECTABILITY OF A CERAMIC BONE SUBSTITUTE MIXED WITH RIFAMPICIN FOR LOCAL DELIVERY</p>	<p style="text-align: center;"><u>SESSION 17</u></p> <p>Chairs: Walter van der Weegen Yasuhito Tanaka</p> <p>JR (196)- Ravi Thimmaiah- LOW MOLECULAR WEIGHT HEPARIN PROPHYLAXIS IN PATIENTS OVER 100 KILOGRAMS UNDERGOING TOTAL HIP AND KNEE ARTHROPLASTY</p> <p>JR (106)-Charles Wallace- LONG TERM RESULTS OF REVISION TOTAL HIP ARTHROPLASTY USING A MODERN EXTENSIVELY POROUS COATED FEMORAL STEM</p> <p>JR (408)- Shady Hermena ROUTINE POSTOPERATIVE LABORATORY TESTS ARE NOT REQUIRED IN PATIENTS UNDERGOING ELECTIVE TOTAL SHOULDER ARTHROPLASTY.</p> <p>JR (263)- Maaïke Schotanus SURGEONS' ACCURACY IN ACHIEVING ACETABULAR COMPONENT ORIENTATION</p> <p>JR (328)- Benjamin Barkham- TOTAL HIP REPLACEMENT FOR FRACTURED NECK OF FEMUR IN THE OVER 80'S. ARE WE GETTING IT RIGHT FIRST TIME?</p> <p>JR (329)- Aghamazahir Aghazada- WILL TWO SURGICAL TEAM PRACTICE PROVIDE BETTER PROSTHETIC ALIGNMENT IN THE SAME-SESSION BILATERAL TKA?</p>	<p style="text-align: center;"><u>SESSION 26</u></p> <p>Chairs: Ching-Yun Chen Guillermo Sanchez</p> <p>MO (167)- Mirella Haartmans- HUMAN HOFFA'S FAT PAD LIPID PROFILES AS READ OUT OF CARTILAGE DAMAGE</p> <p>MO (219)- Ibrahim Deniz Canbeyli- THE EFFECT OF EXTREMITY COOLING ON ISCHEMIA-REPERFUSION INJURY OF TOURNIQUET, IMMUNE DYSFUNCTION AND FUNCTIONALITY</p> <p>MEMS (79)- Markus Winther Frost ELECTRICAL IMPEDANCE CHARACTERIZATION OF BONE FRACTURE</p> <p>MTS (57)-Vincenzo Carbone- AN INTEGRATED CLOUD PLATFORM TO PERFORM IN SILICO STANDARD TESTING FOR ORTHOPEDIC DEVICES</p> <p>ST (44)-Alexander Meynen- STATISTICAL SHAPE MODELS CAN BE USED TO ACCURATELY PREDICT THE GLENOID PARAMETERS FROM PARTIAL CT SCANS</p>

09:15-09:30	BREAK	BREAK	BREAK	BREAK
09:30-10:30	<p style="text-align: center;"><u>SESSION 2</u></p> <p>Chairs: Aydın Doğan Britt Wildemann</p> <p>BN (73)-Dimitrios Argyrakis- EFFECTS OF ANTIBIOTICS AND HYALURONIC ACID HYDROGELS AS A DELIVERY SYSTEM ON DIFFERENT OSTEOGENIC CELL CULTURES</p> <p>BN (284)- Hossein Jodati- MICROWAVE-ASSISTED SYNTHESIS AND CHARACTERIZATION OF BORON DOPED HYDROXYAPATITE</p> <p>BN (301)-Ayşe Gül Toktaş- TIME-DEPENDENT DISSOLUTION BEHAVIOUR OF ANTIMICROBIAL MODIFIED METAL IMPLANTS IN HUMAN BLOOD PLASMA</p> <p>BN (113)-Orçun Taylan- IN VITRO ASSESSMENT OF A NOVEL SURGICAL TECHNIQUE FOR PRESERVING NATIVE LIGAMENT STRAINS IN TOTAL KNEE ARTHROPLASTY</p> <p>BN (42) -Erdem Aktaş- SUPERPARAMAGNETIC IRON OXIDE LABELED CALCIUM PHOSPHATE MICROPARTICLES FOR THERAPEUTIC PROTEIN DELIVERY IN A LIGAMENT</p>	<p style="text-align: center;"><u>SESSION 11</u></p> <p>Chairs: Boyko Gueorguiev Fabio Galbusera</p> <p>CB (124)-Ivan Zderic- IS THE RISK OF SECONDARY PERI- IMPLANT FRACTURE AFTER TROCHANTERIC CONSOLIDATION SIMILAR WHEN USING SHORT OR LONG TFNA?</p> <p>CB (123)-Ivan Zderic- SCREW-IN-SCREW FIXATION OF FRAGILITY SACRUM FRACTURES PROVIDES HIGH STABILITY WITHOUT LOOSENING: A BIOMECHANICAL STUDY</p> <p>CB (116)- Karen Mys- ADAPTIVE LOCAL THRESHOLDING IMPROVES THE ACCURACY OF XTREMECT TO QUANTIFY TRABECULAR STRUCTURE IN THE RADIUS</p> <p>CB (115)-Jan Pawel Barcik- BIOMECHANICAL COMPARISON OF THREE CORONOID TREATMENT MODALITIES: PROSTHESIS VS AUTOGRAFT VS FIXATION</p> <p>CB (135)- Turan Najafov- THE EFFECTS OF PROXIMAL FIBULAR OSTEOTOMY ON THE KNEE AND ANKLE JOINTS: A FINITE ELEMENT ANALYSIS</p> <p>CB (117)- Peter Varga- CYCLIC PERFORATION RISK IS INCREASED BY OVERDRILLING IN LOCKED PLATING OF COMPLEX PROXIMAL HUMERUS FRACTURES</p>	<p style="text-align: center;"><u>SESSION 18</u></p> <p>Chairs: Denitsa Docheva Manuel Delgado Caceres</p> <p>TR (250)-Junyu Chen- TGFB1 AS A PROGNOSTIC MARKER OF ACHILLES TENDON REPAIR</p> <p>TR (234)-Jin Chu- DERMAL FIBROBLAST TENOGENESIS IN THREE-DIMENSIONAL CELL SHEET MODEL: PILOT STUDY</p> <p>TR (293)-Egemen Odabaşı- THE EFFECTS OF LOW LEVEL LASER THERAPY ON TENDON TO BONE HEALING IN ROTATOR CUFF EXPERIMENTAL RUPTURE MODEL</p> <p>TR (147)-Alkan Bayrak- THE EFFECT OF FIBRIN CLOT AND C VITAMIN ON THE SURGICAL TREATMENT OF ACHILLES TENDON INJURY IN THE RAT MODEL</p> <p>O (308)-Kerem Yıldırım- EFFECT ANTEROLATERAL LIGAMENT RECONSTRUCTION ON RETURN TO SPORTS AFTER ACL INJURY</p> <p>O (7)-En Lei Samuel Fong- DEVELOPING A WHOLE MOUNT FLUORESCENT ACTIVITY ASSAY TO VISUALISE AND QUANTIFY IN SITU OSTEOCLAST ACTIVITY IN ZEBRAFISH</p>	<p style="text-align: center;"><u>SESSION 27</u></p> <p>Chairs: Wei-Shiung Lian Eray Copcu</p> <p>SC (78)- Michail G Kontakis- FROM BLOOD TO BONE: TAPPING THE POTENTIAL OF OSTEOPROGENITOR STEM CELLS FROM PERIPHERAL BLOOD</p> <p>SC (264)-Eugenia Pugliese- DESIGN OF MULTI-LAYER COLLAGEN- BASED SCAFFOLDS FOR THE TENDON TO BONE INTEGRATION</p> <p>SC (66)- Yann Dimitri Ladner- CONTROLLED FACTORIAL DESIGN OF EXPERIMENT TO OPTIMIZE MECHANO- INDUCED CHONDROGENESIS OF HUMAN MSCS</p> <p>SC (218)- Ibrahim Deniz Canbeyli- THE EFFECT OF THE PLATELET RICH PLASMA (PRP) ON OSTEOGENIC POTENTIAL OF THE PERIOSTEUM IN AN ANIMAL BONE DEFECT MODEL</p> <p>SC (254)-Cristopher Mak- UPREGULATION OF SOX5 SOX6 SOX9 IS OBSERVED IN PRECONDITIONED MESENCHYMAL STEM CELLS BY CHONDROCYTES COCm.ULTURE</p> <p>SC (300)-Fatma Çayır- COMPARISON OF DENTAL STEM CELLS IN TERMS OF OSTEOGENIC POTENTIAL AND THEIR USAGE IN BONE TISSUE ENGINEERING</p>
	10:30-10:45	BREAK	BREAK	BREAK

10:45-11:45	<p style="text-align: center;"><u>SESSION 3</u></p> <p>Chairs: Youichi Yasui Can Yücesoy</p> <p>CB (112)-Vasiliki Panagiotopoulou MICRO FINITE ELEMENT SIMULATIONS ACCURATELY PREDICT PERFORATION OF SINGLE SCREWS IN THE PROXIMAL HUMERUS</p> <p>CB (130)- Aleksandar Iliyanov Stefanov- VARIABLE-ANGLE LOCKED PLATING VERSUS INTERLOCKED NAILING FOR INTRAARTICULAR CALCANEAL FRACTURES – A BIOMECHANICAL STUDY</p> <p>CB (119)- Stoyan Ivanov- SCREW FIXATION OF SANDERS TYPE II-B CALCANEAL FRACTURES: BIOMECHANICAL ANALYSIS OF DIFFERENT SCREW CONFIGURATIONS</p> <p>CB (16)-Mehmet Salih Söylemez- MECHANICAL ANALYSES OF QUADRICEPS TENDON GRAFT WITH DIFFERENT FIXATION TECHNIQUES ON FEMORAL SIDE. EXPERIMENTAL STUDY</p> <p>CB (87)-Filiz Ateş- EFFECTS OF AGE ON IN VIVO CHARACTERISTICS OF THE HUMAN TIBIALIS ANTERIOR MUSCLE EVALUATED BY INTRAMUSCULAR PRESSURE</p> <p>CB (12)-Abdulhamit Misir- BIOMECHANICAL EFFECTS OF DIFFERENT FIXATION METHODS IN PROXIMAL TIBIAL METAPHYSEAL DEFECTS</p>	<p style="text-align: center;"><u>SESSION 12</u></p> <p>Chairs: Nusret Köse Kieran Joyce</p> <p>IS (242)-Manuele Gori- A NOVEL COATING STRATEGY OF INTRANEURAL ELECTRODES WITH ZWITTERIONIC HYDROGEL TO COUNTERACT THE FOREIGN BODY REACTION</p> <p>IS (58)-Thomas M. Grupp- NEW METHOD TO EVALUATE ENDURANCE OF CEMENTED TIBIAL TRAY FIXATION UNDER ANTERIOR & INTERNAL-EXTERNAL TORSIONAL SHEAR</p> <p>IS (172)-Sean Scattergood- LOW RATES OF AVASCULAR NECROSIS FOLLOWING INTRACAPSULAR NECK OF FEMUR FRACTURE FIXATION WITH CANNULATED SCREWS</p> <p>IS (244)-Jonathan French- ADVERSE REACTION TO METAL DEBRIS FOLLOWING MODULAR DUAL-MOBILITY HIP REPLACEMENTS: A SYSTEMATIC REVIEW AND META-ANALYSIS</p> <p>O (142)-Benjamin Sephton- IMPROVING THE QUALITY OF TRAUMA MEETINGS BY IMPLEMENTATION OF A MODERN TRAUMA MANAGEMENT PLATFORM</p>	<p style="text-align: center;"><u>SESSION 19</u></p> <p style="text-align: center;">10:45-11:15</p> <p>Chairs: Gun-il Im Raad Khair</p> <p>OA (134)- Chung-Wen Kuo- MITOPHAGY LOSS ALONG WITH MITOCHONDRIAL DYSFUNCTION ACCELERATES LOSING OF CHONDROCYTE ACTIVITY IN OSTEOARTHRITIS</p> <p>MAG (297)-Elif Tuğçe Çil- DEVELOPMENT OF A REMOTE SOLUTION OF ANKLE RANGE OF MOTION (ROM) MEASUREMENT FOR FOOT PAIN PATIENTS: A CASE TRIAL</p> <p>OP (260)-Hussam Elamin Ahmed-BONE MINERAL DENSITY IN FRACTURE NECK OF FEMUR PATIENTS: WHAT'S THE SIGNIFICANCE?</p> <hr/> <p style="text-align: center;">11:15-11:45 GENERAL ASSEMBLY</p>	<p style="text-align: center;"><u>SESSION 28</u></p> <p style="text-align: center;">10:45-11:15</p> <p>Chairs: Girish Pattappa Marc van Vlijen</p> <p>O (190)-Ertuğrul Şahin- EFFECTS OF LOCAL TRANEXAMIC ACID ON VERTEBRAE FUSION: EXPERIMENTAL STUDY IN RATS</p> <p>O (26)-İsmail Eralp Kaçmaz- RELATIONSHIP BETWEEN FRACTURE TYPE AND PROXIMAL FEMORAL GEOMETRIC PARAMETERS IN A TURKISH POPULATION</p> <p>O (252)-Yener Abdullah Ince- RETURN TO PLAY OF ELITE JUMPER ATHLETES WITH HAGLUND DEFORMITY AFTER SURGICAL RESECTION WITH LATERAL APPROACH</p> <hr/> <p style="text-align: center;">11:15-11:45 GENERAL ASSEMBLY</p>
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11:45-12:00	BREAK	BREAK	BREAK	BREAK
12:00-13:00	<p style="text-align: center;"><u>SESSION 4</u></p> <p style="text-align: center;"><u>ON COLLABORATIVE</u></p> <p style="text-align: center;"><u>ORTHOREGENERATION SYMPOSIUM</u></p> <p>ANNOUNCEMENT ON/EORS ORTHOREGENERATION AWARD</p> <p style="text-align: center;">Chair: Kay Horsch</p> <p style="text-align: center;">Speakers: Jos Malda Riccardo Levato Gerjo van Osch</p>		<p style="text-align: center;"><u>SESSION 20</u></p> <p>Chairs: Esat Kiter Gürhan Dönmez Philippe Dixon</p> <p>O (34)-Murat Celal Sözbilen- REPEATED BOTULINUM TOXIN A TREATMENT IN CEREBRAL PALSY: AN ANALYSIS IN TERMS OF GROSS MOTOR FUNCTION AND ANESTHESIA</p> <p>O (152)-Mehmet Yücens- ADH AND ANGIOTENSIN 1-7 LEVELS IN THE TBI, INCREASED FRACTURE HEALING AND DISRUPTED VASCULAR RESPONSE WITH TRAUMA</p> <p>O (51)-Hüseyin Olgun- HISTOLOGIC ASSESSMENT OF THERMAL OSTEONECROSIS DUE TO BONE DRILLING WITH DIFFERENT KIRSCHNER WIRE TIPS AND DRILL BITS</p> <p>O (170)- Erman Öğümsöğütü- IS FIXATION WITH A SINGLE SCREW SUFFICIENT IN HIGH GRADE INSTABLE SLIPPED CAPITAL FEMORAL EPIPHYSIS?</p> <p>O (120)-Felix Dandois- IN-SITU ASSESSMENT OF KNEE COLLATERAL LIGAMENTS STRAIN USING ULTRASOUND SPECKLE TRACKING</p> <p>O (306)- Giovanni Barbanti Brodano- IS THE WORLD HEALTH ORGANIZATION SAFETY SURGICAL CHECKLIST AN USEFUL TOOL TO REDUCE SPINAL SURGERY COMPLICATIONS?</p>	<p style="text-align: center;"><u>SESSION 29</u></p> <p>Chairs: Alparslan Şenköylü Mariya Hadzhinikolova</p> <p>CB (215)-Boyko Gueorguiev- ANGULAR STABLE LOCKING IN A NOVEL INTRAMEDULLARY NAIL IMPROVES CONSTRUCT STABILITY IN A DISTAL TIBIA FRACTURE MODEL</p> <p>CB (326)- Abdulvahap Kahveci- IDENTIFICATION OF CONTROL STRATEGIES IN DIABETIC NEUROPATHIC PATIENTS VERSUS HEALTHIEST THROUGH KINEMATIC TRAJECTORIES</p> <p>CB (182)-Cemre Su Kaya USING INTRAOPERATIVE SPASTIC MUSCLE FORCE-JOINT ANGLE DATA TO MODEL MUSCLE FORCE-LENGTH RELATION DURING PATIENTS' GAIT</p> <p>CB (104)- Biser Makelov- CAN UNSTABLE PROXIMAL TIBIAL FRACTURES WITH SOFT TISSUE INJURY BE SUCCESSFULLY TREATED WITH EXTERNAL LOCKED PLATING?</p> <p>CB (230)-Elmira Pourreza- SCREENING INFANT'S DEVELOPMENTAL ASPECTS OF LEARNING DURING STANDING BY MEASURING PRESSURE DISTRIBUTION BENEATH THE FEET</p> <p>CB (110)- António Ramos- PREDICT THE STRAIN IN CARTILAGE WITH OSTEOCONDAL ANKLE LESION, EXPERIMENTAL AND FINITE ELEMENT MODELS</p>

13.00-13:45	LUNCH	LUNCH	LUNCH	LUNCH
13:45-14:30	<p><u>SESSION 5</u></p> <p>Chair: Jeanette Penny</p> <p>BN (418)- Prathyusha Pavanram- DYNAMIC CYTOCOMPATIBILITY EVALUATION OF DIRECT METAL PRINTED BIOABSORBABLE IMPLANTS</p> <p>BN (419)- Holger Jahr- COMPARING BIODEGRADATION OF THREE FAMILIES OF ADDITIVELY MANUFACTURED POROUS BONE IMPLANTS</p> <p>BN (316)- Raúl Vallejos- EFFECT OF 45S5 BIOGLASS ON THE MECHANICAL AND BIOLOGICAL PERFORMANCE OF 3D PRINTED PCL SCAFFOLDS</p> <p>TR (275)- Mehmet Yücens- DO ADIPOFASCIAL FLAPS AFFECT THE HEALING PROPERTIES OF A REPAIRED TENDON? A HISTOLOGICAL AND SCINTIGRAPHICAL RAT MODEL</p> <p>O (330)- Megan Walker- PATIENT EXPERIENCES OF THE VIRTUAL TRAUMA CLINIC (A CLOSED LOOP AUDIT)</p>	<p><u>SESSION 13</u></p> <p>Chair: Luca Ambrosio</p> <p>INF (369)- Jiang An Lim - THE USE OF CALCIUM SULPHATE BEADS IN THE MANAGEMENT OF INFECTED FEMUR AND TIBIA: A SYSTEMATIC REVIEW</p> <p>INF (9)- Lily Li- A PAEDIATRIC CASE REPORT OF FIBULAR MRSA OSTEOMYELITIS WITH RAPID PROGRESSION AND MULTIPLE PATHOLOGICAL FRACTURES</p> <p>MTS (47)- Merle Kempfert- DIGITAL IMAGE CORRELATION FOR BIOMECHANICAL CHARACTERIZATION OF TENDONS</p> <p>OA (318)- Tuna Pehlivanoğlu- ANTERIOR CRUCIATE LIGAMENT SURGERY COMBINED WITH HIGH TIBIAL OSTEOTOMY: MINIMUM 5-YEARS RESULTS OF 32 PATIENTS</p> <p>OA (6) - Muhammad Murtaza Khan- UNNECESSARY MAGNETIC RESONANCE IMAGING OF THE KNEE: HOW MUCH IS IT REALLY COSTING THE NHS?</p> <p>OP (391)- Amr Elbahi- DO THE OLDER PATIENTS SUSTAINING FRACTURE DISTAL RADIUS FOLLOWED UP IN FRACTURE CLINIC RECEIVE BONE HEALTH REVIEW ?</p>	<p><u>SESSION 21</u></p> <p>Chair: Luca Ambrosio</p> <p>D (286)- Veronica Tilotta- EFFECTS OF EXOSOMES FROM MESENCHYMAL STEM CELLS ON NUCLEUS PULPOSUS DERIVED CELLS: A POTENTIAL CELL-FREE THERAPY.</p> <p>D (351)- Luca Ambrosio- HUMAN MESENCHYMAL STEM CELLS ENCAPSULATED IN HYALURONIC ACID AND PLATELET-RICH PLASMA MODULATE MATRIX SYNTHESIS EX VIVO</p> <p>JCR (324)- Giuseppina Di Giacomo- IRISIN EFFECTS ON CATABOLIC AND PRO-INFLAMMATORY GENES IN HUMAN OSTEOARTHRITIC CHONDROCYTES</p> <p>JCR (350)- Luca Ambrosio- INTRAARTICULAR ADMINISTRATION OF BEVACIZUMAB ARRESTS OSTEOARTHRITIS PROGRESSION IN A RABBIT MODEL: A DOSE-RESPONSE STUDY</p> <p>JR (128)- Darshan S Shah- LONG-TERM IMPACT OF TOTAL KNEE ARTHROPLASTY ON TIBIOFEMORAL KINEMATICS: A CADAVERIC SIMULATOR STUDY</p> <p>JR (357) - Sanjay Narayana Murthy- DIGITAL TEMPLATING VS ACETATE TEMPLATING IN TOTAL HIP ARTHROPLASTY: ARE WE RELYING TOO MUCH ON TECHNOLOGY?</p>	<p><u>SESSION 30</u></p> <p>Chair: Jeanette Penny</p> <p>RO (111)- Sara Ahmed Hassouna Elsayed- ADIPOSE DERIVED MESENCHYMAL STEM CELLS OSTEOGENIC DIFFERENTIATION CUES AND POTENTIAL BONE TISSUE ENGINEERING APPLICATION</p> <p>RO (402)- Ebru Talak- 3D BIOPRINTING OF AN OSTEOCHONDRAL GRAFT WITH CONTROLLED RELEASE OF GROWTH FACTORS</p> <p>RO (396)- Melanie Haffner-Luntzer- SIMILARITIES AND DIFFERENCES IN FRACTURE HEALING BETWEEN FEMALE AND MALE C57BL/6J MICE</p> <p>O (393)- Markus Winther Frost- EXPLORATION OF ELECTRICAL IMPEDANCE SPECTROSCOPY FOR MONITORING BONE HEALING: A PILOT STUDY IN RABBITS</p> <p>O (366)- Natasha Faye Daniels- OPEN PILON FRACTURE OUTCOMES WITH DEFINITIVE SURGICAL MANAGEMENT OPTIONS: A SYSTEMATIC REVIEW AND META-ANALYSIS</p>
14:30-14:45	BREAK	BREAK	BREAK	BREAK

14:45-15:45	<p style="text-align: center;"><u>SESSION 6</u></p> <p>Chairs: Lars Lidgren Boyko Gueorguiev</p> <p>INF (237)-Nusret Köse- THE USE OF ORTHOPEDIC IMPLANTS WITH SILVER ION-DOPED CERAMIC COATING IN THE PREVENTION OF IMPLANT RELATED INFECTIONS</p> <p>INF (285)-Claudia Cicione- IN VITRO EFFECTS OF VANCOMYCIN ON HUMAN TENOCYTES</p> <p>INF (348)-Pelle Hanberg- TIMING OF ANTIMOCROBIAL PROPHYLAXIS AND TOURNIQUET INFLATION – A RANDOMIZED MICRODIALYSIS STUDY</p> <p>INF (349)-Pelle Hanberg- EFFECTS OF TOURNIQUET INFLATION ON PERI- AND POSTOPERATIVE CEFUROXIME CONCENTRATIONS IN BONE AND TISSUE</p>	<p style="text-align: center;"><u>SESSION 14</u></p> <p>Chairs: Holger Jahr Nicola Baldini</p> <p>JCR (56)- Clemens Leo Gögele- CHONDROGENESIS IN A NEWLY DEVELOPED BIOACTIVE GLASS SCAFFOLD</p> <p>JCR (411) - Gregorio Marchiori EFFECT OF MESENCHYMAL STEM CELLS ON COMPOSITION, STRUCTURE AND FUNCTION OF OA CARTILAGE: A BIOMECHANICAL INVESTIGATION</p> <p>JCR (84)- Cemil Yıldız- CARTILAGE REGENERATION WITH THREE DIMENSIONAL (3D) WOVEN SCAFFOLDS IN OVINE KNEE</p> <p>O (277)- Anindya Debnath- LONG-TERM OUTCOMES OF PATELLOFEMORAL INSTABILITY WITH AND WITHOUT PATELLAR CARTILAGE DEFECTS-A MATCHED COHORT STUDY</p> <p>O (310)- Anindya Debnath- BILATERAL SINGLE STAGED SURGERY FOR RECURRENT PATELLAR DISLOCATION – IS IT SAFE?</p> <p>O (247)-Conor Holly Gouk- EXAMINING THE IMPACT OF AN ORTHOPAEDIC SKILLS COURSE ON RESIDENT PREPAREDNESS FOR TRANSITION TO REGISTRAR PRACTICE</p>	<p style="text-align: center;"><u>SESSION 22</u></p> <p>Chairs: Önder Kalenderer Güneş Yavuzer</p> <p>O (337)-Tuna Pehlivanoğlu- FUNCTIONAL STATUS OF THE REPAIRED EXTENSOR TENDON IN MALLET FINGER DEFORMITY</p> <p>O (160)-Abdullah Merter- UNILATERAL BIPORTAL ENDOSCOPIC DECOMPRESSION OF LUMBAR SPINAL STENOSIS IN ADJACENT SEGMENT DISEASE</p> <p>O (217)-İbrahim Deniz Canbeyli- LOWER MORTALITY RATES ASSOCIATED WITH SHS FOR TREATMENT OF INTERTROCHANTERIC HIP FRACTURES IN GERIATRIC POPULATION</p> <p>O (157)-Alexander Berry- THE IMPACT OF HBA1C AND COMPLICATED DIABETES ON OPERATIVE AND NON-OPERATIVE ANKLE FRACTURE OUTCOMES</p> <p>O (209)-Ramadan Ozmanevra- RADIOGRAPHIC PREDICTIVE FACTORS OF DEGENERATIVE ROTATOR CUFF TEARS IN A TURKISH COHORT</p> <p>O (154)-Mehmet Burak Yalçın- ANALYSIS OF THE INCIDENCE OF SECONDARY PROCEDURES PERFORMED OF IDIOPATHIC CLUBFOOT PATIENTS TREATED WITH PONSETI METHOD</p>	<p style="text-align: center;"><u>SESSION 31</u></p> <p>Chairs: Gianluca Vadalà Hayri Ertan</p> <p>RO (336)-Anna Woloszyk-BIOMIMETIC HEMATOMA SUCCESSFULLY REPAIRS LARGE BONE DEFECTS WITH A DRAMATICALLY REDUCED DOSE OF RECOMBINANT HUMAN BMP-2</p> <p>RO (81)- Sílvia Tatiana Sá Paiva- DEVELOPMENT OF INNOVATIVE OSTEO-REGENERATIVE COLLAGEN-BIOCERAMIC COMPOSITES FOR BONE REPAIR</p> <p>RO (99)- Wouter Van Genechten- AUTOLOGOUS MICRO-FRAGMENTED ADIPOSE TISSUE FOR SYMPTOMATIC KNEE OSTEOARTHRITIS: MINIMAL 12 MONTHS FOLLOW-UP OUTCOMES</p> <p>RO (132)-Zeynep Bal- NANOHYDROXYAPATITE, POLYLACTIC ACID-POLYETHYLENE GLYCOL COPOLYMER AND RHBMP-2 AS A NOVEL COMPOSITE FOR BONE REGENERATION</p> <p>RO (307)- Francesca Salamanna - A RATIONALE FOR THE USE OF CLOTTED VERTEBRAL BONE MARROW TO AID TISSUE REGENERATION FOLLOWING SPINAL SURGERY</p> <p>RO (173)-Engin Çetin- EPIDERMAL GROWTH FACTOR ENHANCES SPINAL FUSION: POSTEROLATERAL LUMBAR FUSION MODEL ON RATS</p>
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15:45-16:00	BREAK	BREAK	BREAK	BREAK
16:00-17:00	<p style="text-align: center;"><u>SESSION 7</u></p> <p>Chairs: Zekeriya Öztemur Şeniz Akın</p> <p>INF (43)-Jiang An Lim- ORTHO-PLASTIC APPROACH IN MANAGEMENT OF OPEN PILON FRACTURES</p> <p>INF (200)- Harshadkumar Rajgor- MANAGEMENT OF PROSTHETIC JOINT INFECTIONS AND FRACTURE RELATED INFECTIONS AT A DISTRICT GENERAL HOSPITAL</p> <p>INF (61)- Elyarbak Tashmetov- THE EFFECT OF ANTIBIOTIC ON STRUCTURAL ALLOGRAFT HEALING OF BONE DEFECT</p> <p>INF (287)-Maria Fernandez-Grajera- MODIFICATION OF S.AUREUS GROWTH AND BIOFILM FORMATION UNDERGONE IN A DIABETIC ENVIRONMENT</p> <p>O (201)-Coşkun Ulucaköy- IS ATHROSCOPIC SURGERY AS SUCCEFUL AS OPEN APPROACH IN THE TREATMENT OF LATERAL ANKLE INSTABILITY?</p> <p>O (139)-Ceyhun Çağlar- OUR REVISION OUTCOMES WITH LATERJET PROCEDURE IN FAILED ARTHROSCOPIC LABRUM REPAIR</p>	<p style="text-align: center;"><u>SESSION 15</u></p> <p>Chairs: Feng-Sheng Wang Seyed Ali Elahi</p> <p>JR (143)- Benjamin Sephton- PREDICTORS OF EXTENDED LENGTH OF STAY AFTER UNICOMPARTMENTAL KNEE ARTHROPLASTY</p> <p>JR (75)-Samet Erinç- MISS PLATE VERSUS IMNR IN THE TREATMENT OF SUPRACONDYLAR FEMUR FRACTURE FOLLOWING TOTAL KNEE ARTHROPLASTY</p> <p>JR (138)- Davinder Singh Bhachu- OUTCOMES OF PRIMARY TOTAL HIP ARTHROPLASTY IN PATIENTS WITH EHLERS DANLOS SYNDROMES</p> <p>JR (158)-Sean Scattergood- CEMENT-A- TAN TEMPORARY PROXIMAL FEMORAL REPLACEMENT FOR STAGED JOINT REPLACEMENT – A CASE REPORT</p> <p>JR (22)-John Ranson- HYPONATRAEMIA IN THE ELECTIVE HIP AND KNEE ARTHROPLASTY PATIENT. DOES IT INCREASE THE LENGTH OF HOSPITAL STAY?</p> <p>JR (342)-Brandon Lentine- CHARACTERIZING INTRAOPERATIVE VASOPRESSOR USE IN TOTAL KNEE ARTHROPLASTY</p>	<p style="text-align: center;"><u>SESSION 23</u></p> <p>Chairs: Merter Özenci Akın Üzümcügil</p> <p>O (171)- Attila Stagl - A CLOSED LOOP AUDIT OF DISTAL RADIUS FRACTURE MANAGEMENT AT A LEVEL 2 TRAUMA CENTRE IN THE UK</p> <p>O (93)-Darshan S Shah- INTEGRATION OF A CADAVERIC KNEE SIMULATOR IN ORTHOAEDIC TRAINING AND EDUCATION</p> <p>O (325)- Andriana Vasilakou - HIP ULTRASOUND- ITS ROLE IN DIAGNOSIS AND TREATMENT OF THE DEVELOPMENTAL DYSPLASIA OF THE HIP- RESULTS OF 10546 HIPS</p> <p>O (144)- Daniel Madarshahian- COMPARING STABLE MULTILEVEL LUMBAR STENOSIS TREATED BY SIMPLE DECOMPRESSION VERSUS DECOMPRESSION AND INSTRUMENTED FUSION</p> <p>O (278)-Doğukan Tongar- INVESTIGATING THE ACUTE EFFECTS OF CRYOTHERAPY ON ANKLE PROPRIOCEPTION AND DYNAMIC BALANCE IN HEALTHY PEOPLE</p> <p>O (314)- Anindyia Debnath- A SIMPLE COST-EFFECTIVE WAY TO REDUCE WOUND COMPLICATIONS FOLLOWING THE ORIF OF INTRAARTICULAR CALCANEAL FRACTURES</p>	<p style="text-align: center;"><u>SESSION 32</u></p> <p>Chairs: Muharrem İnan İbrahim Vargel</p> <p>RO (169)-Mehmet Kaymakoğlu- THE EFFECT OF ADRENOMEDULLIN HORMONE ON SEGMENTAL RADIAL BONE DEFECT MODEL IN RAT</p> <p>O (90)- Erman Öğümsöğütü - WHEN YOU SEE L5 TRANSVERSE PROCESS FRACTURE ON PELVIC COMPUTER TOMOGRAPHY DO YOU HAVE TO BE ALERT?</p> <p>O (266)-Berhan Yıldırımka- COMPARISON OF RADIOLOGICAL AND FUNCTIONAL RESULTS OF PLASTER SPLINT AND DYNAMIC STABILIZATION SPLINT IN BOXER FRACTURES</p> <p>O (312)- Megha Agrawal MONITORING THE EPIDEMIOLOGY OF AND PREDICTING THE DEMAND FOR ORTHOAEDIC TREATMENTS USING WEB SEARCH INFODEMIOLOGY</p> <p>O (291)- Ayça Aklar Çörekçi - COMPARISON OF ANXIETY LEVEL AND QUALITY OF LIFE IN FEMALE AND MALE UNIVERSITY STUDENTS WITH LOW BACK PAIN</p> <p>O (86)-Amit Lakhani- ROLE OF MINI INVASIVE BRIDGE PLATE IN COMPLEX FEMORAL FRACTURE</p>
	17:00-17:15	BREAK	BREAK	BREAK

17:15-18:15	<p style="text-align: center;"><u>SESSION 8</u> 17:15-17:35</p> <p>Chairs: Elizaveta Kon Hasan Uludağ Fatma Nur Depboylu</p> <p>O (20)- Ömer Serdar Hakyemez COMPARISON OF INTRAARTICULAR IL-1 RECEPTOR ANTAGONIST, PRP AND HA ADMINISTRATION IN OSTEOARTHRITIS TREATMENT?</p> <p>O (25)- Ömer Serdar Hakyemez ARE MR IMAGING AND PATHOLOGIC TISSUE SIZES COMPATIBLE IN MORTON NEUROMA?</p>	<p style="text-align: center;"><u>SESSION 16</u></p> <p>Chairs: Chip Cornell Murat Bozkurt Ömer Özkan</p> <p>JR (344)-Brandon Lentine- IMPORTANT FACTORS FOR RETROGRADE NAILING THROUGH TKA: A CADAVERIC STUDY</p> <p>JR (155)-Zakir Haider- IMPORTANCE OF OPERATION NOTE DOCUMENTATION WITHIN TOTAL KNEE ARTHROPLASTY</p> <p>JR (358)- Jiang An Lim THE IMPACT OF COVID-19 ON NECK OF FEMUR FRACTURE CARE: A MAJOR TRAUMA CENTRE EXPERIENCE, UNITED KINGDOM</p> <p>JR (207)- Rakan Kabariti- DETERMINANTS OF INPATIENT STAY FOLLOWING SIMULTANEOUS BILATERAL TOTAL KNEE REPLACEMENTS</p> <p>JR (208)- Rakan Kabariti -INCIDENCE, RISK FACTORS AND OUTCOMES OF ACUTE KIDNEY INJURY FOLLOWING SIMULTANEOUS BILATERAL TOTAL KNEE REPLACEMENTS</p>	<p style="text-align: center;"><u>SESSION 24</u></p> <p>Chairs: Bahtiyar Demiralp Bülent Erol (Bahattin Kerem Aydın)</p> <p>S (198)-Coşkun Ulucaköy- SURGICAL OUTCOMES OF EXTRASKELETAL MYXOID CHONDROSARCOMA</p> <p>S (102)-Amelie Sas- FINITE ELEMENT MODELS CAN AID IN IDENTIFYING SUITABLE PATIENTS FOR FEMOROPLASTY OF METASTATIC LESIONS</p> <p>ST (274) -Şerife Şeyma Torgutalp- DOES ABDOMINAL SUBCUTANEOUS FAT THICKNESS MEASURED BY ULTRASOUND PREDICT TOTAL FAT MASS IN YOUNG AND MIDDLE-AGED ADULTS?</p> <p>O (83)- Dean Owyang FRAGILITY FRACTURE VTE PROPHYLAXIS COMPLIANCE & HUMAN FACTORS IN QUEEN'S MEDICAL CENTRE,UK'S BUSIEST MAJOR TRAUMA CENTRE</p> <p>O (317)-Tuna Pehlivanoglu- IMPLANT REMOVAL RATE AFTER MEDIAL OPEN WEDGE HIGH TIBIAL OSTEOTOMY</p> <p>O (21)-John Ranson- MANAGEMENT OF CONGENITAL TALIPES EQUINVARUS: ARE WE IN LINE WITH NATIONAL GUIDELINES AND CAN BRACING TIME BE REDUCED?</p>	<p style="text-align: center;"><u>SESSION 33</u></p> <p>Chairs: Volkan Öztuna Richard Terek Ömer Özkan</p> <p>O (224)-Masamitsu Kido- RESULTS OF ARTHROSCOPIC SURGERY FOR POSTERIOR ANKLE IMPINGEMENT SYNDROME IN ATHLETES</p> <p>O (226)- Ömer Özkan – GROIN INJURY IN A PROFESSIONAL SOCCER PLAYER: DOES MRI ALWAYS PAINT AN ACCURATE PICTURE? (A CASE REPORT)</p> <p>O (302)-Yiğit Burak Ateş- THE EFFECT OF PLATE POSITION IN SAGITTAL PLAN ON TIBIAL SLOPE IN TEMPORARY EPIPHYSIODESIS (EXPERIMENTAL STUDY)</p> <p>O (129)-Ender Gümüsoğlu- THE RELATIONSHIP BETWEEN SERUM β-CATENIN LEVEL AND FRACTURE HEALING IN FEMUR FRACTURES ASSOCIATED BY HEAD TRAUMA.</p> <p>O (156)-Zakir Haider- TELEMEDICINE IN ORTHOPAEDICS AND ITS UTILISATION DURING COVID-19 AND BEYOND</p> <p>O (101)- Alexandra Damerou- A HUMAN IN VITRO OSTEOCHONDRAL TISSUE MODEL OF ARTHRITIS FOR PRECLINICAL DRUG TESTING</p>
	<p style="text-align: center;">17:35-17:45 BREAK</p> <p style="text-align: center;">17:45-18:15</p> <p style="text-align: center;"><u>SESSION 9</u></p> <p style="text-align: center;"><u>EORS YOUNG INVESTIGATORS (FORTE)</u></p> <p>Chair: Gazi Huri Catarina Castanheira</p> <p>Speakers: Joao Vide Tommaso Bonanzigna Bruno Gobbato</p>			
18:15-18:30			<p style="text-align: center;">BREAK</p>	
18:30-19:30			<p style="text-align: center;"><u>SESSION 25</u></p> <p style="text-align: center;"><u>WOMEN LEADERSHIP REPRESENTATIVE (WLR)</u></p> <p>Chairs: Elizabeth Rosado Balmayor Petek Korkusuz</p> <p>Speakers: Seza Özen</p>	

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CB: Clinical Biomechanics
D: Disc
IS: Implants and Surfaces
INF: Infection
JCR: Joint Cartilage Regeneration
JR: Joint Replacement
MAG: Motion Analysis and Gait
MCM: Musculoskeletal Cellular Mechanics
MEMS: Micro-Electro-Mechanical Systems
MO: Molecular Orthopedics
MTS: Mechanical Testing Standards
OA: Osteoarthritis
OP: Osteoporosis and Microgravity
O: Other
PN: Peripheral Nerve
RO: Regenerative Orthopedics
RS: Intraoperative Navigation and Robotic Surgery
S: Sarcoma
SC: Stem Cells and Cellular Therapies
ST: Statistics
TR: Tendon Regeneration

RO(421)- Ferdian Rizaliansyah- VITAMIN D SUPPLEMENTATION IMPROVED FRACTURE HEALING AND PROVIDED BETTER MUSCULOSKELETAL FUNCTIONS: A SYSTEMATIC REVIEW	AM (311)- Juan Francisco Vivanco- BIOMECHANICAL EVALUATION OF LOW-COST 3D PRINTED SCAFFOLDS AS IN VITRO TISSUE ENGINEERING MODELS	BN (316)- Juan Francisco Vivanco- EFFECT OF 45S5 BIOGLASS ON THE MECHANICAL AND BIOLOGICAL PERFORMANCE OF 3D PRINTED PCL SCAFFOLDS	BN (174)- Mevlüt Gürbüz- DEVELOPMENT OF BIOFUNCTIONAL COATINGS ON GRAPHENE REINFORCED TITANIUM COMPOSITES
CB (256)- J. F. Schader - STANDARDIZED FRACTURES – INTRODUCING A NOVEL APPROACH TO ORTHOPAEDIC IMPLANT TESTING	CB (63)- Jorge Rosell - SUBTROCHANTERIC FEMORAL FRACTURES TREATED WITH LONG GAMMA NAIL. BIOMECHANICAL ANALYSIS OF STABILITY.	CB (189)- Ertuğrul Şahin- AUGMENTATION OF CERCLAGE WIRE STRENGTH WITH A BASIC KNOT TECHNIQUE: A BIOMECHANICAL STUDY	CB (327)- Ertuğrul Şahin - BIOMECHANICAL ANALYSIS OF AN INTERSPINOUS FUSION DEVICE, MIDFIX
RO(425)- Sefa Burak Çam- COMBINED EFFECT OF POLY (GLYCEROL–SEBACAT) / TRICALCIUM PHOSPHATE SCAFFOLD ON BONE HEALING IN RAT ALVEOLAR DEFECT MODEL	O(394)- Awais Habeebullah- BEST PRACTICE TARIFF; A FINANCIAL INCENTIVE TO IMPROVE BRITISH SPINE REGISTRY COMPLIANCE. A REVIEW OF 3587 PATIENTS	O(407)- Rui Cardoso- ONE YEAR OUTCOME OF MINIMALLY INVASIVE HALLUX VALGUS SURGERY	CB (304)- Shahbaz S Malik - BIOMECHANICAL ANALYSIS OF THREE SUTURING TECHNIQUES FOR SOFT-TISSUE FIXATION USING CADAVERIC QUADRICEPS TENDON GRAFT
CB (214)- Shahbaz S Malik – IS THE NICE KNOT COMPARABLE TO THE MODIFIED PRUSIK KNOT FOR SOFT TISSUE FIXATION? A BIOMECHANICAL STUDY	CB (92)- Bahattin Kemah – DOES IMN USING DIFFERENT ENTRANCE POINTS FOR THE TREATMENT OF FEMORAL SHAFT FRACTURES HAVE AN IMPACT ON RESULTS?	O(355)- Nikhil Ponugoti- INFRAPATELLAR VERSUS SUPRAPATELLAR APPROACH FOR INTRAMEDULLARY NAILING OF THE TIBIA; A META-ANALYSIS	CB(354)- Henry Magill- LOCKED COMPRESSION PLATING VS. INTRAMEDULLARY NAILING FOR PERIPROSTHETIC SUPRACONDYLAR KNEE FRACTURES; A META-ANALYSIS
O (393)- Markus Winther Frost- EXPLORATION OF ELECTRICAL IMPEDANCE SPECTROSCOPY FOR MONITORING BONE HEALING: A PILOT STUDY IN RABBITS	CB (241)- Shahbaz S Malik - BIOMECHANICAL STUDY OF FROZEN VERSUS FORMALIN PRESERVED TENDON FOR SOFT-TISSUE FIXATION WITH THE MODIFIED PRUSIK KNOT	CB (17)- Mehmet Nuri Konya - DOES U NAIL CERCLAGE COMBINATION EFFECTIVE FOR PERIPROSTHETIC FRACTURES; BIOMECHANICAL STUDY FOR NEWLY DESIGNED IMPLANT.	INF (369)- Jiang An Lim- THE USE OF CALCIUM SULPHATE BEADS IN THE MANAGEMENT OF INFECTED FEMUR AND TIBIA: A SYSTEMATIC REVIEW
D (286)- Veronica Tilotta – EFFECTS OF EXOSOMES FROM MESENCHYMAL STEM CELLS ON NUCLEUS PULPOSUS DERIVED CELLS: A POTENTIAL CELL-FREE THERAPY.	IS (70) - Susanna Sammali – THE LOCAL TOXICITY OF COBALT CHROME IMPLANTS: A SYSTEMATIC REVIEW OF PRECLINICAL STUDIES	CB (186)- Mirza Zafer Dagtas – A NEW FRACTURE MODEL IN RATS	CB (178)- Koray Melih Yatagan - DEVELOPMENT OF A 3D PIP JOINT MODEL

O(366)-Natasha Faye Daniels- OPEN PILON FRACTURE OUTCOMES WITH DEFINITIVE SURGICAL MANAGEMENT OPTIONS: A SYSTEMATIC REVIEW AND META-ANALYSIS	INF (9)- Lily Li – A PAEDIATRIC CASE REPORT OF FIBULAR MRSA OSTEOMYELITIS WITH RAPID PROGRESSION AND MULTIPLE PATHOLOGICAL FRACTURES	IS (145)- Alkan Bayrak - COMPARISON OF TWO TYPES OF FIXATION FOR PROXIMAL TIBIAL EPIPHYSEDESIS: AN EXPERIMENTAL STUDY IN A RABBIT MODEL	IS(376)- Sanjay Narayana Murthy- OUTCOME ANALYSIS OF RETROGRADE SUPRACONDYLAR FEMORAL NAILING IN DIFFERENT AGE GROUPS
INF (323)- Aghamazahir Aghazada - IS INTERMITTENT DRESSING CHANGE NECESSARY AFTER TOTAL KNEE-HIP ARTHROPLASTY?	JCR (324)- Giuseppina Di Giacomo - IRISIN EFFECTS ON CATABOLIC AND PRO-INFLAMMATORY GENES IN HUMAN OSTEOARTHRITIC CHONDROCYTES	JCR(350)- Luca Ambrosio- INTRAARTICULAR ADMINISTRATION OF BEVACIZUMAB ARRESTS OSTEOARTHRITIS PROGRESSION IN A RABBIT MODEL: A DOSE-RESPONSE STUDY	JCR (305)- Kerem Yildirim - APPLICATION OF BMAC AND PRF WITH MICROFRACTURE FOR THE TREATMENT OF SYMPTOMATIC CARTILAGE DEFECTS IN THE KNEE
JCR (283)- S. Dalal – OUTCOMES OF PATIENTS OPERATED FOR PATELLOFEMORAL INSTABILITY WITH/WITHOUT CARTILAGE DEFECTS-A MATCHED COHORT STUDY	IN F(402)- Ebru Talak- 3D BIOPRINTING OF AN OSTEOCHONDRAL GRAFT WITH CONTROLLED RELEASE OF GROWTH FACTORS	MTS(47)- Merle Kempfert- DIGITAL IMAGE CORRELATION FOR BIOMECHANICAL CHARACTERIZATION OF TENDONS	BN (419)- Holger Jahr- COMPARING BIODEGRADATION OF THREE FAMILIES OF ADDITIVELY MANUFACTURED POROUS BONE IMPLANTS
JR (128)- Darshan S Shah – LONG-TERM IMPACT OF TOTAL KNEE ARTHROPLASTY ON TIBIOFEMORAL KINEMATICS: A CADAVERIC SIMULATOR STUDY	D (351)- Luca Ambrosio- HUMAN MESENCHYMAL STEM CELLS ENCAPSULATED IN HYALURONIC ACID AND PLATELET-RICH PLASMA MODULATE MATRIX SYNTHESIS EX VIVO	RO (396)- Melanie Haffner-Luntzer- SIMILARITIES AND DIFFERENCES IN FRACTURE HEALING BETWEEN FEMALE AND MALE C57BL/6J MICE	CB(429)-Ömer Faruk İliceşin ASSESSMENT METHODOLOGY OF RECONSTRUCTED ANTERIOR CRUCIATE LIGAMENT RUPTURES: A PRELIMINARY BIOMECHANICAL APPROACH
JR (183)- Kerem Basarir - INTRAOPERATIVE LANDMARK FOR INFRAPATELLAR BRANCH OF SAPHENOUS NERVE IN MEDIAL PARAPATELLAR APPROACH	BN(418)- Prathyusha Pavanram- DYNAMIC CYTOCOMPATIBILITY EVALUATION OF DIRECT METAL PRINTED BIOABSORBABLE IMPLANTS	JR (210)- Ramadan OZMANEVRA - DETERMINING WHETHER COMPLETE REMOVAL OF THE INFRAPATELLAR FAT PAD IN TOTAL KNEE ARTHROPLASTY CAN AFFECT PATELLAR HEIGHT?	OP(391)- Amr Elbahi- DO THE OLDER PATIENTS SUSTAINING FRACTURE DISTAL RADIUS FOLLOWED UP IN FRACTURE CLINIC RECEIVE BONE HEALTH REVIEW ?
OA (318)- Tuna PEHLIVANOGLU - ANTERIOR CRUCIATE LIGAMENT SURGERY COMBINED WITH HIGH TIBIAL OSTEOTOMY: MINIMUM 5-YEARS RESULTS OF 32 PATIENTS	OA (6)- Muhammad Murtaza Khan- UNNECESSARY MAGNETIC RESONANCE IMAGING OF THE KNEE: HOW MUCH IS IT REALLY COSTING THE NHS?	MCM (19)- Junghwa Hong – ROLE OF THE OSTEOCYTE COMPRESSIBILITY ON THE CANALICULAR VOLUME FLOW RATE	O(205)- Asli Yeral- ALTERATIONS IN SHOULDER PARAMETERS AND CORE STABILITY OF WATER POLO PLAYERS VERSUS NON-OVERHEAD ATHLETES?

O(380)- Joanna Baawa-Ameyaw- DISTAL RADIUS FRACTURES MANAGED NON-OPERATIVELY DURING THE COVID-19 PANDEMIC: THE IMPACT ON ELECTIVE UPPER LIMB SERVICES	O(405)- Patrick Hurley- MRI IS AS A SAFE OPTION FOR CALCULATING SPINAL INSTABILITY NEOPLASTIC SCORE (SINS) IN METASTATIC SPINAL CORD COMPRESSION	O(399)- A. Aklar Çörekçi- EFFECTIVENESS OF VESTIBULAR EXERCISE VERSUS BOSU BALL EXERCISE ON BALANCE, HIP RANGE OF MOTION AND THORACIC MOBILITY	O(414)- Daniel Hay- THE COVID-19 PANDEMIC'S EFFECT ON MENTAL HEALTH ASSOCIATED TRAUMA, ADMISSIONS AND FRACTURES AT A UK MAJOR TRAUMA CENTRE
RO(403)- Mervesu Gökyürek- EFFECT OF 3D BIOPRINTED PARATHYROID TISSUE ON IN VITRO BONE REGENERATION	O(409)- Shady Hermena- MUSCLE TRANSFERS FOR SHOULDER ABDUCTION IN DELAYED BRACHIAL PLEXUS INJURIES; A SYSTEMATIC REVIEW WITH META-ANALYSIS	IS(392)- A A H A Selim- CMN VS. DHS WITH TROCHANTERIC STABILISATION PLATE FOR THE TREATMENT OF UNSTABLE TROCHANTERIC FRACTURES; A META-ANALYSIS	O (330)- Megan Walker – PATIENT EXPERIENCES OF THE VIRTUAL TRAUMA CLINIC (A CLOSED LOOP AUDIT)
O (265)- Meletios-Nikolaos Doulkeroglou – EFFECT OF MACROMOLECULAR CROWDING COCKTAILS IN EXTRACELLULAR MATRIX DEPOSITION IN VITRO	O (85)- Amit Iakhani – DYNAMIC MPFL RECONSTRUCTION WITH HAMSTRING TENDON IN TRAUMATIC RECURRENT DISLOCATION OF PATELLA	BN(423)- Eda Ciftci Dede- OSTEOGENIC EFFECTS OF NANO HYDROXYAPATITE WITH FBS- EXOSOMES ON MESENCHYMAL STEM CELLS AND OSTEOBLASTS	O (251)- Simon Woods - ORTHOPAEDIC MICRO JOURNAL- CLUB: A LITTLE BIT OF A GOOD THING
O (5)- Muhammad Murtaza Khan - ARTHROSCOPIC DECOMPRESSION OF SUPRA SCAPULAR NERVE:	O (262)- Merve Engin - COMPARISON OF BALANCE, FLEXIBILITY, EXPLOSIVE FORCE, POSTURE AMONG CHILDREN WITH DIFFERENT BODY MASS INDEX	JR(357)- Sanjay Narayana Murthy- DIGITAL TEMPLATING VS ACETATE TEMPLATING IN TOTAL HIP ARTHROPLASTY: ARE WE RELYING TOO MUCH ON TECHNOLOGY?	O (257)- LI LI – MID-TERM OUTCOMES AFTER REGAN-MORREY TYPE II III ULNA CORONOID FRACTURES TREATED WITH MINI-PLATE AND K-WIRE FIXATION
O (249)- Charles Tuffley - MANAGING COVID-19 PRESSURES IN FAR NORTH QUEENSLAND: MINOR OPERATIONS ROOM REDUCES STRAIN TO FORMAL OPERATING THEATRE	O (243)- Simon Woods - DIAPHYSEAL TIBIAL FRACTURES AND THE MONTGOMERY PRINCIPLES: A MULTI-CENTRE OBSERVATIONAL STUDY	O (253) - Shirwa Sheik-Ali – THE ROLE OF CLUBFOOT TRAINING PROGRAMMES IN LOW AND MIDDLE INCOME COUNTRIES- SYSTEMATIC REVIEW	O(367)- Naveen Joseph Mathai- ACCURACY OF MRI AND DIRECT MR ARTHROGRAPHY AGAINST ARTHROSCOPY IN DIAGNOSING WRIST LIGAMENT INJURIES

O(141)- Ibrahim Deniz Canbeyli - HIGH RATES OF REDUCTION IN CONSERVATIVE MANAGEMENT OF GERIATRIC DISTAL RADIUS FRACTURES	O (267)- Trupesh Patel – INITIAL DEVELOPMENT OF A HOLISTIC PATIENT-REPORTED OUTCOME MEASURE ASSESING LOWER LIMB JOINT FUNCTION	RO (111)- Sara Ahmed Hassouna Elsayed – ADIPOSE DERIVED MRSENCHYMAL STEM CELLS OSTEOGENIC DIFFERENTIATION CUES AND POTENTIAL BONE TISSUE ENGINEERING APPLICATION	RO (122)- Amit lakhani – ROLE OF PFO (PROXIMAL FIBULAR OSTEOTOMY AND PRP (PLATELET RICH PLASMA) IN MENISCI REGENERATION
RO (126)- Amit lakhani – ROLE OF I- PRF (PLATELATE RICH FIBRIN) IN DEGENERATIVE SYMPTOMATIC ROTATER CUFF SYNDROME	O(406)- Doğukan TONGAR- SHOULD WE ADD HIP MUSCLES STRENGTHENING EXERCISES TO A STANDARD KNEE EXERCISE PROGRAM IN PATELLOFEMORAL PAIN SYNDROME?	O(412)- Mehmet Alperen Pekdaş- THE RELATIONSHIP BETWEEN FOOT ANTHROPOMETRIC FEATURES AND VERTICAL JUMP IN MODERATELY ACTIVE UNIVERSITY STUDENTS	SC (69)- Ana Rita Pereira - DECELLULARIZED EXTRACELLULAR MATRIX DERIVED FROM MESNCHYMAL STROMAL CELLS AS AN MODEL TO STUDY MATRIX-CELL INTERACTIONS
SC (255)- Christopher C.H. Mak - INVESTIGATING THE EFFECT AND THE OPTIMAL SEEDING RATIO OF AN AUTOLOGOUS MESENCHYMAL STEM CELL AND CHONDROCYTE CO-CULTURE	SC (321)- Gizem Baysan - CYTOTOXICITY ANALYSIS OF SHELLAC RESIN, HAWTHORN AND ELDERBERRY EXTRACTS ON 3T3 MURINE FIBROBLAST CELL LINE	SC (228)- Levend Karaçoban – PRP TREATMENT IN DEGLOVING INJURY OF A PROFESSIONAL BASKETBALL PLAYER: A CASE REPORT	TR (275)- Mehmet YUCENS – DO ADIPOFASCIAL FLAPS AFFECT THE HEALING PROPERTIES OF A REPAIRED TENDON? A HYSTOLOGICAL AND SCINTIGRAPHICAL RAT MODEL
O(379)- Joanna Baawa-Ameyaw- MANAGEMENT OF DISTAL RADIUS FRACTURES IN ADULTS WITH A REMOVABLE SOFT CAST: PATIENT REPORTED OUTCOMES AND EXPERIENCES	INF(368)- Harshadkumar Dhirajlal Rajgor- RE-REVISION TKR FOR FAILED MANAGEMENT OF PERIPROSTHETIC INFECTION HAS LONG-TERM SUCCESS BUT REQUIRE MULTIPLE OPERATIONS	O(377)- Rui Cardoso- PREDICTIVE FACTORS OF COMPARTIMENTAL SYNDROME IN TIBIAL PLATES FRACTURES – CLINICAL CASE	INF(384)- Caitlyn Tran- MANAGEMENT OF A HOT SWOLLEN JOINT IN THE ACUTE SETTING
INF(360)- Andrew Zhou- WHICH TOOL IS THE BEST TO RADIOLOGICALLY EVALUATION OF POST-OPERATIVE INFECTION IN LONG BONES?	MO(426)-Ömer Serkan Kara COMPARISON OF THE EFFECTS OF CONCENTRIC AND ISOMETRIC EXERCISES ON PLASMA IRISIN LEVEL: PRELIMINARY RESULTS	MO(427)-Levend Karaçoban- AN INNOVATIVE SAMPLE PREPARATION TECHNIQUE TO EVALUATE THE DIFFERENCES IN METABOLOME LEVELS FOR SYNOVIA AND FAT TISSUES	

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