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**Tuesday, 6 September 2011**

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Tuesday, 6 September 2011

Forum Hall

13:30 - 15:00 Symposium

Fractures Around the Knee

Moderators:
Vilmos VECSEI (AUSTRIA) & James WADDELL (CANADA)

FRACTURE AROUND THE KNEE-INTRODUCTION
Vilmos VECSEI (AUSTRIA)

PERIPROSTATIC FRACTURES - DIAGNOSTIC AND CURRENT CONCEPTS
James WADDELL (CANADA)

TREATMENT OPTION IN THE TREATMENT OF DISTAL FEMORAL FRACTURES
Dariush GOURAN SAVADKOOOHI (IRAN)

EXPERIENCE WITH 95° ANGLED BLADE PLATE IN THE TREATMENT OF DISTAL FEMORAL FRACTURES
Jan BARTONÍCEK (CZECH REPUBLIC)

PATELLA FRACTURE TREATMENT OPTIONS: FROM ARTHROSCOPY VIA SCREWS AND WIRE UNTIL RESECTION
John KEATING (UNITED KINGDOM)

TIBIA PLATEAU
Reinhard SCHNETTLER (GERMANY)

Tuesday, 6 September 2011

Meeting Hall I

13:30 - 15:00 Lecture / Free Papers

Hip - THA Outcome

Moderators:
Jacques CATON (FRANCE) & Henrik MALCHAU (UNITED STATES)

RELEVANT OUTCOME ASSESSMENT IN THR
Henrik MALCHAU (UNITED STATES)

28865 FOLLOW-UP PROGRAMME FOR MEASURING PATIENT-REPORTED OUTCOMES IN THE SWEDISH TOTAL HIP ARTHROPLASTY POPULATION
Ola ROLFSON, Johan KÄRHRHOLM, Leif E DAHLBERG, Goran GARELLICK (SWEDEN)

28560 CLINICAL AND RADIOGRAPHICAL RESULTS OF 179 THRUST PLATE HIP PROSTHESES - 5-14 YEARS FOLLOW-UP STUDY
Yuji YASUNAGA, Takuma YAMASAKI, Keiichiro YAMASAKI, Toshihiro MATSUO, Mitsuo OCHI (JAPAN)

29247 RESULTS OF A BONE PRESERVING CEMENTLESS STRAIGHT HIP STEM - A PROSPECTIVE STUDY WITH A MINIMUM FOLLOW-UP OF 5 YEARS
EARLY LOOSENING OF AL2O3 FREE SURFACE ZWEYMUELLER FEMORAL STEMS IN TOTAL HIP ARTHROPLASTY - A PROSPECTIVE RANDOMIZED STUDY USING DUAL-X-RAY-ABSORPTIOMETRY

RESULTS OF CEMENTLESS THA IN INDICATIONS FOR NARROW FEMORAL CAVITIES

RESULTS OF CEMENTLESS THA IN INDICATIONS FOR NARROW FEMORAL CAVITIES

IS OSTEONECROSIS A PREDICTOR OF POOR OUTCOMES IN PRIMARY TOTAL HIP ARTHROPLASTY?

THE INFLUENCE OF DEMOGRAPHIC FACTORS, SURGICAL APPROACHES AND IMPLANT DESIGN ON LONG-TERM OUTCOME OF TOTAL HIP REPLACEMENT

RETURN TO WORK AFTER TOTAL HIP REPLACEMENT. WHAT SHOULD WE TELL PATIENTS?

Lecture / Free Papers

Hip - Periprosthetic Fractures and Dislocations

TREATMENT OF PERIPROSTHETIC FEMUR FRACTURES ASSOCIATED WITH REVISION TOTAL HIP ARTHROPLASTY

AN ANALYSIS OF THE FAILURE RATES OF LOCKING PLATE FIXATION OF PERIPROSTHETIC FRACTURES OF THE HIP

IS MOVEMENT RESTRICTIONS AFTER HEMIARTHROPLASTY TREATMENT OF FEMORAL NECK FRACTURES NECESSARY?

REDUCED OPERATING RISKS WITHOUT COMPROMISED COMPONENT STABILITY WHEN TREATING SELECTED B2 PERIPROSTHETIC FEMORAL FRACTURES BY INTERNAL FIXATION WITH STEM RETENTION RATHER THAN STEM REVISION

INCIDENCE OF IMPLANT FRACTURES AT TOTAL HIP ARTHROPLASTY: A COMPREHENSIVE LITERATURE REVIEW INCLUDING ARTHROPLASTY REGISTER DATA

THE RISK OF DISLOCATION AFTER TOTAL HIP ARTHROPLASTY IS DECREASED WITH DOUBLE MOBILITY LINERS IN PATIENTS WITH FEMORAL NECK FRACTURES
Philippe HERNIGOU, Alexandre POIGNARD, Charles Henri FLOUZAT LACHANETTE (FRANCE)

**28167** DOES THE DOUBLE MOBILITY CUP HAVE A LOW RISK OF DISLOCATION?
Ana TORRES¹, Jean Michel LAFOSSE², Antonio MEROÑO¹, Antonio MURCIA¹, Jean PUGET²
¹(SPAIN), ²(FRANCE)

**29482** LOW DISLOCATION RATES IN TOTAL HIP REPLACEMENT WITH THE USE OF A SMALL DIAMETER (22MM) FEMORAL HEAD IMPLANTED USING A POSTERIOR APPROACH
Ravi BADGE, Amit SHAH, David SOCHART (UNITED KINGDOM)

**27813** LEG LENGTH DISCREPANCY AFTER TOTAL HIP REPLACEMENT- TYPE AND RELATION TO FUNCTIONAL OUTCOME
Saurabh JAIN (INDIA)

Tuesday, 6 September 2011

Meeting Hall IV

13:30 - 15:00 Lecture / Free Papers

**Shoulder - Miscellaneous**

*Moderators:*
Libor PASA (CZECH REPUBLIC) & Marius SCARLAT (FRANCE)

**30294** CURRENT STATUS AND TRENDS WITH THE REVERSE TOTAL SHOULDER ARTHROPLASTY - THE THIRD GENERATION GRAMMONT PROSTHESIS
Marius SCARLAT, Emmanuel Baulot, Pierre TROUILLLOUD (FRANCE)

**30212** THE SURGICAL MANAGEMENT OF SYMPTOMATIC OS ACROMIALE
Deepak PATEL, Lava PATEL (UNITED STATES)

**29383** MANAGEMENT OF GRADE III ACROMIOCLAVICULAR JOINT DISLOCATION USING ARTHROSCOPIC TIGHT ROPE FIXATION
John DABIS, Jagannath CHAKRAVARTHY, Socrates KALOGRIANITIS (UNITED KINGDOM)

**29038** ACCURACY OF THE ACROMIOCLAVICULAR JOINT INJECTIONS UNDER IMAGE INTENSIFIER
Mohammad SIDDIQUI, Arif RAZAK, Nimra AKHTAR, Tamas BARABAS, Gunter SCHMITGEN (UNITED KINGDOM)

**29649** BOSWORTH PROCEDURE VS ROCKWOOD PROCEDURE IN ACUTE ACROMIOCLAVICULAR JOINT DISLOCATIONS
Gaurav RUSTAGI, V.K GAUTAM (INDIA)

**28547** SUBACROMIAL DECOMPRESSION WITH OR WITHOUT ROTATOR CUFF REPAIR A RANDOMIZED CONTROLLED TRIAL
Odag SAURABH, Eric POWELL, David TEMPERLEY, John HAINES, Ian TRAIL (UNITED KINGDOM)

**29704** ONCOSURGICAL RESULTS OF LIMB-PRESERVING TUMOR RESECTION IN THE SHOULDER REGION IN PRIMARY TUMORS AND METASTASES
Claudia DRUSCHEL, Ingo MELCHER, Norbert HAAS, Alexander DISCH, Klaus-Dieter SCHASER (GERMANY)

**30075** INERTIA-BASED FLAPPING AND CLAPPING TEST: A PROMISING TOOL FOR FUNCTION ASSESSMENT IN PATIENTS WITH SHOULDER COMPLAINTS
B GRIMM, GF VLES, Rachel SENDEN, Ic HEYLIGERS, S SAMUJO, DF VLES (NETHERLANDS)

**28155** ROLE OF SUPRASCAPULAR NERVE BLOCK IN CHRONIC SHOULDER PAIN. A COMPARATIVE STUDY OF 90 CASES
**16:00 - 17:30**

**Instructional Course**

*Revision of Total Knee Arthroplasty – principles and results*

*Moderators:*
- Urs MUNZINGER (SWITZERLAND)
- Rudolf RUDOLF ASCHERL (GERMANY)

**REMOTION OF A WELL FIXED TKA**
- Rudolf RUDOLF ASCHERL (GERMANY)

**IMPLANTING THE REVISION TKA**
- Urs MUNZINGER (SWITZERLAND)

**MANAGING BONE LOSS**
- Thorsten GEHRKE (GERMANY)

**MANAGING SOFT TISSUE DEFECTS (PLAST. DECKUNG)**
- Volkmar HEPPERT (GERMANY)

**WHAT WOULD YOU DO? – CASES**

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**Tuesday, 6 September 2011**

**Meeting Hall V**

**13:30 - 15:00**

**Free Papers**

*Trauma - Humerus*

*Moderators:*
- Vojtech HAVLAS (CZECH REPUBLIC) & Hatem SAID (EGYPT)

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<td>IS THE MINIMALLY INVASIVE PLATE OSTEOSYNTHESIS (MIPO) BY ANTERIOR APPROACH THE BEST OPTION FOR DISTAL THIRD HUMERAL FRACTURES?</td>
<td>Paul Dan SIRBU, Razvan ASAFTEI, Tudor PETREUS, Eugen CARATA, Vladimir POROCH, Grigore BEREA, Paul Dan BOTEZ (ROMANIA)</td>
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<td>Asen BALTOV, Nedelcho TZACHEV, Borislav ZLATEV, Andrey IOTOV (BULGARIA)</td>
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**16:00 - 17:30**

**Free Papers**

*Trauma Committee - Fractures Around the Knee I: Distal Femur*
Moderators:
Peter BIBERTHALER (GERMANY) & Hitendra DOSHI (SINGAPORE)

28431 MIPO TECHNIQUE FOR DISTAL FEMUR FRACTURES IN THE ELDERLY – A RETROSPECTIVE STUDY
Hitendra DOSHI, Wenxian PNG, Vaarun BURGULA, Diarmuid MURPHY (SINGAPORE)

28491 OPEN REDUCTION AND INTERNAL FIXATION OF SUPRACONDYLAR FRACTURES OF THE FEMUR
BY THE LOCKING COMPRESSION PLATE.
Nehad EL MAHBOUB, Waleed ARAFAT, Mohamed AWAD (EGYPT)

28759 PROSPECTIVE EVALUATION OF LOCKING PLATE CONSTRUCT FOR OSTEOSYNTHESIS OF COMPLEX
INTRA-ARTICULAR DISTAL FEMORAL FRACTURES.
Vivek TRIKHA (INDIA)

28861 HOFFA FRACTURES – HOW UNCOMMON ARE THEY?
Marta GOMES (PORTUGAL)

Tuesday, 6 September 2011
Panorama Hall

13:30 - 15:00 Free Papers
Spine - Arthroplasty & Trauma

Moderators:
Richard CHALOUPKA (CZECH REPUBLIC) & Jie ZHAO (CHINA)

29635 DOES CERVICAL DISC ARTHROPLASTY REDUCE ADJACENT SEGMENT DISEASE AND OTHER
COMPLICATIONS IN COMPARISON TO ANTERIOR CERVICAL DISCECTOMY AND FUSION? A
META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS.
Dino SAMARTZIS¹, Patrick VAVKEN², Hitesh MODI¹, Kenneth CHEUNG¹, Keith LUK¹
¹(HONG KONG), ²(UNITED STATES)

29100 MAGNETIC RESONANCE IMAGING CLARITY OF CERVICAL DISC ARTHROPLASTY USING TITANIUM
DEVICES AND PEEK DEVICES: A PROSPECTIVE, BLINDED RANDOMISED STUDY.
Sandesh LAKKOL, Raju PEDDADA, Chandra BHATIA, Razvan TARANU, Guru REDDY, Friesem TAI
(UNITED KINGDOM)

29616 ATLANTOAXIAL FIXATION WITH HARMS TECHNIQUE IN AXIAL DENS ABNORMALITIES –
PRELIMINARY REPORT
Karol ROGAS, Michal KEDZIERSKI, Konrad DOBIECKI, Andrzej BOHATYREWICZ, Radoslaw
NADZIKIEWICZ (POLAND)

29583 MANAGEMENT OF ATLANTOAXIAL INSTABILITY WITH C1/2 FUSION USING THE HARMS
TECHNIQUE AND INTRAOPERATIVE ISO-C-3D-IMAGING
Claudia DRUSCHEL, Klaus-Dieter SCHASER, Mario CABRAJA, Alexander DISCH, Norbert HAAS,
Stefan KROPPENSTEDT (GERMANY)

29717 SURGICAL MANAGEMENT AND CLINICAL OUTCOMES OF CERVICOThoracic INSTABILITIES IN
TUMORS AND FRACTURES
Claudia DRUSCHEL, Ingo MELCHER, Norbert HAAS, Alexander DISCH, Klaus-Dieter SCHASER
(GERMANY)

29668 MODIFICATION OF SHORT-SEGMENT FIXATION WITH PEDICLE SCREWS IN FRACTURE SITE
WITHOUT FUSION FOR THORACOLUMBAR FRACTURES
Zdeslav MILINKOVIC, Stanko MILICKOVIC, Oleg KRNETA, Draza DOZIC (SERBIA)
LONG-TERM FOLLOW-UP OF LUMBAR TOTAL DISC REPLACEMENT.
Thomas TAMPERE, Dimitri VERBRUGGEN, Gwen SYS, Thierry PARLEVLIET, Bart POFFYN, Dirk UYTENDAELE (BELGIUM)

PROTEOMIC ANALYSIS POST ACUTE SPINAL CORD INJURY IN HUMAN.
Kayode ODUWOLE, Alan LANG, Kingsley CHUKWUYERENWA, Damian MCCORMACK, Ashley POYNTON (IRELAND)

LUMBARLAC FIXATION IN PELVIC RING FRACTURES
Jirí SKÁLA-ROSENBAUM, Valér DŽUPA, Pavel DOUŠA, Martin KRBEČ (CZECH REPUBLIC)

Free Papers
Spine - Vertebroplasty

Moderators:
Cody BÜNGER (DENMARK) & Wichien LAOHACHAROENSOMBAT (THAILAND)

CLINICAL OUTCOMES OF VERTEBROPLASTY COMBINED WITH POSTERIOR INSTRUMENTATION FOR OSTEOPOROTIC VERTEBRAL COLLAPSE. – A RETROSPECTIVE ANALYSIS OF 100 CASES-
Itaru ODA, Masanori FUJIYA, Eihiro MUROTA (JAPAN)

VERTEBROPLASTY TECHNIQUE OPTIMIZATION EXPERIENCE
Nikolay CHUMAK, Andrey BABKIN, Alexandr BELETSKI (BELARUS)

PREVENTION OF DEVASTATING COMPLICATIONS FOLLOWING VERTEBROPLASTY, A ‘TECHNICAL NOTE ’-
Sandesh LAKKOL, Shailesh HADGAONKAR, Chandra BHATIA, Manoj KRISHNA (UNITED KINGDOM)

DIFFERETIATED APPROACH TO KYPHO- AND VERTEBROPLASTY IN SPINE FRACTURES
Alexander TOMA, Svetlana GRAMMA, Anna ANISIMOVA, Ilya TOMA (RUSSIA)

KYPHO-IORT: TECHNICAL FEASIBILITY OF A NOVEL COMBINED KYPHOPLASTY AND INTRAOPERATIVE RADIATION FOR SPINAL METASTASES
René SCHMIDT, Udo OBERTACKE (GERMANY)

NEUROLOGICAL FUNCTION AND SURVIVAL OUTCOME OF SURGICALLY TREATED SPINAL MULTIPLE MYELOMA PATIENTS
Miao WANG, Cody Eric BÜNGER, Haisheng LI, Kristian HOEY, Bent NIEDERMANN, Peter HELMIG, Yu WANG, Katrin SCHÄTTIGER, Ebbe Stender HANSEN (DENMARK)

UNIPEDICULAR VERSUS BIPEDICULAR BALOON KYPHOPLASTY FOR THE TREATMENT OF MULTIPLE MYELOMA LESIONS
Saurabh SINGH¹, Andrea LA MAIDA²
¹(INdia), ²(ITALy)

DOES EVERY RESPONSIBLE VERTEbra OF OSTEOPOrotic VERTEBrAL COMPRESSION FRACTURE NEED TO BE AUGMENTATED?
Zhang JIA (CHINA)

Tuesday, 6 September 2011
Terrace I

Free Papers
Trauma - Pelvis & Acetabulum
**Moderators:**
Osama FAROUK (EGYPT) & Gershon VOLPIN (ISRAEL)

28241 **MINIMALLY INVASIVE FIXATION OF PELVIC RING DISRUPTIONS**
Osama FAROUK, Mahmoud BADRAN (EGYPT)

28233 **SINGLE PIN SUPRA-ACETABULAR PELVIC EXTERNAL FIXATOR TOGETHER WITH PERCUtANEOUS Iliosacral Screws IN TREATMENT OF UNSTABLE PELvic RING DISRUPTIONS WITH RUPTURE LOWER URINARY TRACT**
Mahmoud YOUSEF BADRAN, Osama FAROUK (EGYPT)

27535 **LATE INTERNAL FIXATION OF VERTICALLY UNSTABLE PELVIC FRACTURES**
Osama FAROUK, Ayman KAMAL, Mohammed REFAIE, Mahmoud BADRAN, Mina DAWOOD (EGYPT)

**Free Papers**

16:00 - 17:30

**Trauma - Proximal Femur I**

**Moderators:**
Andrzej BOHATYREWICZ (POLAND) & Horia-Bogdan ORBAN (ROMANIA)

28393 **SHORT PROXIMAL FEMORAL NAIL FIXATION FOR TROCHANTERIC FRACTURES**
Wasudeo GADEGONE, Yogesh SALPHALE (INDIA)

28391 **VALGUS INTERTROCHANTERIC OSTEOTOMY COMBINED WITH FIBULAR GRAFTING FOR NEGLECTED FEMORAL NECK FRACTURES IN YOUNG ADULTS**
Wasudeo GADEGONE, Yogesh SALPHALEY (INDIA)

28110 **FEMORAL NECK COLLAPSE AFTER INTERNAL FIXATION OF INTRACAPSULAR HIP FRACTURES**
Asif KHAN, Martyn PARKER (UNITED KINGDOM)

28195 **OSTEOSYNTHESIS AND PRIMARY VALGUS OSTEOTOMY IN UNSTABLE INTRACAPSULAR FEMORAL NECK FRACTURES IN YOUNG ADULTS**
Sunil KINI (SINGAPORE)
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<tr>
<td>27180</td>
<td>A COMPARATIVE STUDY OF THE INTERNAL FIXATION OF INTERTROCHANTERIC FRACTURES USING SLIDING HIP SCREW WITH PLATE AND PROXIMAL FEMORAL NAIL.</td>
<td>Shreenath KULKARNI, Govind KULKARNI, Sunil KULKARNI, Milind KULKARNI (INDIA)</td>
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<td>30094</td>
<td>OPERATIVE POSTPONEMENT DUE TO ACUTE MEDICAL PATHOLOGY IN PROXIMAL FEMORAL FRACTURES</td>
<td>Roger WALTON, James WIDNALL, John SAYER, Mark AMBROSE, Charles Vincent JARAMILLO (UNITED KINGDOM)</td>
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<td>29347</td>
<td>MORTALITY IN SURGICAL TREATED HIP FRACTURES: WHAT ARE THE PREDICTORS?</td>
<td>Sofia FERNANDES, José FERREIRA, Tiago BARBOSA, Rui CERQUEIRA, Vitor CAETANO (PORTUGAL)</td>
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<td>29041</td>
<td>THE IMPORTANCE OF TIP-APEX DISTANCE (TAD) IN SLIDING HIP SCREW FIXATION OF PROXIMAL FEMORAL FRACTURES.</td>
<td>Nickil AGNI, Emma SELLERS, Riem JOHNSON, Andrew GRAY (UNITED KINGDOM)</td>
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<td>28866</td>
<td>TRAUMATIC DISLOCATION AND FRACTURE DISLOCATION OF HIP- A RETROSPECTIVE STUDY OF 209 CASES</td>
<td>Sandeep KASHYAP, Ramesh SEN (INDIA)</td>
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<td>28556</td>
<td>VALGUS INTERTROCHANTERIC OSTEOTOMY FOR NON-UNION NECK OF FEMUR</td>
<td>Thilak JEPEGNANAM, Viju VARGHESE, Anil OOMMEN, Palapattu BOOPALAN, Vijay TITUS (INDIA)</td>
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**Tuesday, 6 September 2011**

**Club A**

### Symposium

**TB Spine: Current Evidence for Treatment Strategies**

**Moderator:**
Anil JAIN (INDIA)

**DIAGNOSIS BEFORE A CLINICAL DEFORMITY**
Sudhir KUMAR (INDIA)

**TB SPINE IN ADULTS - TREATMENT PRINCIPLES**
Sudhir KUMAR (INDIA)

**TB SPINE IN CHILDREN**
Anil JAIN (INDIA)

**PRINCIPLES OF DEFORMITY CORRECTION IN TB SPINE**
Shanmugananthan RAJASEKARAN (INDIA)

**THERAPEUTICALLY REFRACTORY DISEASE - TREATMENT PRINCIPLES**
Anil JAIN (INDIA)

**HIV ASSOCIATED TB SPINE**
Shanmugananthan RAJASEKARAN (INDIA)

**DISCUSSION**

### Lecture / Free Papers

**Spine - Infectious Spondylitis**
Moderators:
Valer DZUPA (CZECH REPUBLIC) & Shanmuganathan RAJASEKARAN (INDIA)

30313 THERAPEUTICALLY REFRACTORY CASES OF TB SPINE - PRINCIPLES OF TREATMENT
Shanmuganathan RAJASEKARAN (INDIA)

29456 MR EVALUATION OF TUBERCULAR SPINE
Anil JAIN, Ravi SREENIVASAN, Sudhir KUMAR (INDIA)

28420 KYPHOSIS IN SPINAL TUBERCULOSIS - PREVENTION AND CORRECTION
Anil JAIN, Ish DHAMMI, Saurabh JAIN (INDIA)

29279 TRANSFORAMINAL LUMBAR INTERBODY FUSION FOR TUBERCULOUS SPONDYLODISCITIS OF THE LUMBOSACRAL SPINE
Mohammad EL-SHARKAWI, Wael KOPTAN, Yasser ELMILIGUI (EGYPT)

27352 TREATMENT OF ACUTE TUBERCULOUS SPONDYLITIS BY THE SPINAL SHORTENING OSTEOTOMY: A TECHNICAL NOTES AND CASE ILLUSTRATIONS.
Pongthorn CHANPLAKORN, Niramol CHANPLAKORN, Chaiwat KRAIWATTANAPONG, Wiwat WAJANAVISIT, Wichien LAOHACHAROENSOMBAT (THAILAND)

29567 POSTOPERATIVE INFECTIOUS COMPLICATIONS: 10 YEARS SINGLE-CENTER STUDY
Valér DŽUPA, Jiri SKÁLA-ROSENBAUM, Radek BARTOŠKA, Jiri ZÁHORKA, Martin KRBEC (CZECH REPUBLIC)

29341 DIFFERENCES BETWEEN BIOFILM CHARACTERISTICS OF MRSA AND MSSA CAUSING ORTHOPAEDIC IMPLANT INFECTION.
Kayode ODUWOLE, Olufunso ONAYEMI, Hayden HAMMERTON, Damian MCCORMACK (IRELAND)

28934 CAN INFECTION FOLLOWING SCOLIOSIS INSTRUMENTATION SURGERY BE A ‘NEVER EVENT’?: DRAMATIC REDUCTION IN INFECTION RATES AT ONE INSTITUTION AFTER IMPLEMENTATION OF A MULTIMODAL PREVENTION PROTOCOL
Joshua HYMAN, Michael HORAN, Brendan WILLIAMS, William MACKENZIE, Hiroko MATSUMOTO, Lisa SAIMAN, Lisa COVINGTON, Michael VITALE (UNITED STATES)

29530 POSTEROLATERAL DEBRIDMENT AND ANTERIOR RECONSTRUCTION BY LIMITED SPINAL SHORTENING IN THORACIC SPINE INFECTIONS
Mohamed ABDEL-WANIS (EGYPT)
**Tuesday, 6 September 2011**

*Club B*

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<th>Time</th>
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| 13:30 - 15:00 | Lecture / Free Papers             | **Massive Osteochondral Allografts in Limb Salvage Surgery**
|             |                                  | Dominique G. POITOUT, P. TROPIANO, R. VOLPI, P. MAMAN, P. PARIS, A. MERGER, X. COPIN (France) |
|             |                                  | **Hemicortical Resection and Reconstruction with Recycled Bone for Parosteal Osteosarcoma**
|             |                                  | Hirohisa KATAGIRI, Mitsuru TAKAHASHI, Hideki MURATA, Hideshi SUGIURA, Yoshihiro NISHIDA, Yoshihisa YAMADA, Takayoshi SUZUKI, Tatsuya TAKAGI (Japan) |
|             |                                  | **Functional Outcome and Complications After Reconstruction with an Expandable Endoprosthesis in Children with Osseous Sarcomas**
|             |                                  | John DORMANS, Juan PRETELL, Lauren TOMLINSON, Ali AL-OMARI (United States) |
|             |                                  | **Malignant and Aggressive Bone Tumours Around Knee: Treated with Innovative Rotation-Plasty**
|             |                                  | Zile Singh KUNDU, Sukhbir Singh SANGWAN (India) |
|             |                                  | **Resection and Arthrodesis Using Extra Long Intramedullary Nail for Giant Cell Tumours Around Knee**
|             |                                  | Sukhbir Singh SANGWAN, Zile Singh KUNDU, Vinay GUPTA (India) |
|             |                                  | **Prosthesis Survival and Functional Outcome After Endoprosthetic Reconstruction of the Lower Extremity with the Mutars Prosthesis**
|             |                                  | Rachid MAHDAD, Celine KARIJODIKORO, Christiaan KEURENTJES, Michiel SANDE VAN DE, Anthonie TAMINIAU, Rob NELISSEN, Sander DIJKSTRA (Netherlands) |
|             |                                  | **Prognostic Factors in the Management of Osteosarcoma: A Clinical Study**
|             |                                  | Shishir RASTOGI, Himanshu GUPTA, Shah KHAN, Ashok KUMAR (India) |
|             |                                  | **Pauwels Osteotomy in the Management of Pathologic Femoral Neck Fractures**
|             |                                  | Narender MAGU, Rajesh ROHILLA, Roop NIL (India) |
|             |                                  | **CT-Guided Percutaneous Removal of Osteoid Osteoma**
|             |                                  | Roberto VÉLEZ (Spain) |
|             |                                  | **98 Begnin Tumors of the Peripheral Nerve**
|             |                                  | Alain DURANDEAU (France) |
| 16:00 - 17:30 | Lecture / Free Papers             | **Tumours - Miscellaneous**                                                               |
|             |                                  | **Moderators:**                                                                          |
|             |                                  | Wei GUO (China) & Maximilian RUDERT (Germany)                                             |

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<th>Time</th>
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30273 MODULAR HEMIPELVIC PROSTHETIC RECONSTRUCTION AFTER RESECTION OF THE PERIACTABULAR TUMORS
Wei GUO (CHINA)

30571 PELVIC CHONDROSARCOMA: EXPERIENCE OF THE ISTITUTO RIZZOLI
Pietro RUGGIERI, Andrea ANGELINI, Elisa PALA (ITALY)

28474 EN BLOC EXCISION AND AUTOGENOUS FIBULAR RECONSTRUCTION FOR AGGRESSIVE GIANT CELL TUMOR OF DISTAL RADIUS: A REPORT OF 12 CASES AND REVIEW OF LITERATURE.
Vikas BACHHAL, Mandeep DHILLON, Kamal BALI (INDIA)

30577 PROSTHETIC RECONSTRUCTION OF THE LOWER LIMB IN MUSCULOSKELETAL ONCOLOGY: THE EXPERIENCE OF THE ISTITUTO RIZZOLI.
Pietro RUGGIERI, Andrea ANGELINI, Elisa PALA (ITALY)

29673 RHABDOMYOSARCOMA IN ADULTHOOD – A RETROSPECTIVE SINGLE-CENTRE ANALYSIS OF 29 CASES
Philipp T. FUNOVICS, Martin DOMINKUS, Joannis PANOTOPOULOS, Gabriele AMANN, Reinhard WINDHAGER (AUSTRIA)

29217 FIBULA AS A BIOLOGICAL IMPLANT: OUR EXPERIENCE OF ITS DIFFERENT UTILITIES
Zile Singh KUNDU, Sukhbir Singh SANGWAN (INDIA)

29126 RECONSTRUCTION OF A CRITICAL Sized BONE DEFECT IN THE OVINE TIBIA BY SCAFFOLD-BASED BONE ENGINEERING
Johannes REICHERT, Amaia CIPITRIA, Devakar EPARI, Siamak SAIFZADEH, Michael SCHÜTZ, Georg DUDA, Dietmar HUTMACHER
1(GERMANY), 2(AUSTRALIA)

28743 SSXS REGULATE SARCOMA INVASION VIA RAC1-MYOSIN PATHWAY AND MMP-1
Kazuyuki ITOH, Kiyoko YOSHIOKA, Norifumi NAKA (JAPAN)

27803 NEW BIODEGRADABLE NERVE CONDUIT, CROSSLINKED URETHANE-DOPED POLYESTER ELASTOMERS (CUPES), IN RATS.
Siu Leung YIP, Wai Man CHOI, Jian YANG, Wing Yuk IP
1(HONG KONG), 2(UNITED STATES)

Tuesday, 6 September 2011

Club C

13:30 - 15:00 Free Papers

Research - Animal & In Vitro

Moderators:
Johannes REICHERT (GERMANY) & Eduard STASTNY (CZECH REPUBLIC)

29126 RECONSTRUCTION OF A CRITICAL Sized BONE DEFECT IN THE OVINE TIBIA BY SCAFFOLD-BASED BONE ENGINEERING
Johannes REICHERT, Amaia CIPITRIA, Devakar EPARI, Siamak SAIFZADEH, Michael SCHÜTZ, Georg DUDA, Dietmar HUTMACHER
1(GERMANY), 2(AUSTRALIA)

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27803 NEW BIODEGRADABLE NERVE CONDUIT, CROSSLINKED URETHANE-DOPED POLYESTER ELASTOMERS (CUPES), IN RATS.
Siu Leung YIP, Wai Man CHOI, Jian YANG, Wing Yuk IP
1(HONG KONG), 2(UNITED STATES)
28421  EFFECTS OF CONTINUOUS AND PULSATILE PARATHYROID HORMONE (PTH) TREATMENTS ON OSTEONIC DIFFERENTIATION OF HUMAN FRACTURE HEMATOMA-DERIVED CELLS IN VITRO
Yoshihiro DOGAKI, Sang Yang LEE, Takahiro NIUKURA, Akihiro KOH, Takaaki KOGA, Masahiro KUROSAKA (JAPAN)

28264  THE BIOCHEMICAL EFFECTS OF TOBACCO SMOKE ON FRACTURE HEALING: AN IN VITRO MODEL
Andrew SLOAN, Mohammad MAQSOOD (UNITED KINGDOM)

29433  MEROPENEM LOADED ACRYLIC BONE CEMENT - AN IN-VITRO STUDY
Sumant SAMUEL, Binu MATTHEW, Chittaranjan SAMUEL, Balaji VEERARAGHAVAN, Denise FLEMINING, John ANTONY JUDE PRAKASH (INDIA)

27588  FUNCTIONAL ANALYSIS OF LINEAR UBIQUITIN CHAIN-ASSEMBLY COMPLEX (LUBAC) IN LM8 MURINE OSTEOSARCOMA LUNG METASTASIS MODEL
Masato TOMONAGA, Fuminori TOKUNAGA, Akira MYOUI, Kazuhiro IWAI, Hideki YOSHIKAWA, Nobuyuki HASHIMOTO (JAPAN)

30139  HAMSTRING HARVESTING: PREDICTION OF PREMATURE CUT ON A CADAVER STUDY
Nicolas REINA, Jean Michel LAFFOSSE, Philippe CHIRON (FRANCE)

28717  CRYOIMMUNOLOGICAL ANTI-TUMOUR EFFECTS ARE ENHANCED BY DENDRITIC CELLS PULSED WITH A TUMOUR LYSATE IN MURINE OSTEOSARCOMA
Masanori KAWANO, Ichiro ITONAGA, Tatsuya IWASAKI, Hiroshi TSUMURA (JAPAN)

30320  ANALYSIS OF CORTICALIZATION USING PIXEL VALUE RATIO (PVR) AND CALLUS PATHWAY- A GUIDE TO FIXATOR REMOVAL IN TIBIA LENGTHENING USING ILIZAROV RING FIXATOR USING A NOVEL SCORING SYSTEM
Ashok SHYAM¹, Hae-Ryong SONG²
¹(INDIA), ²(KOREA SOUTH)

28444  GENE EXPRESSION OF RAD (RAS ASSOCIATED WITH DIABETES) IS UPREGULATED IN EXPERIMENTAL NONUNIONS COMPARED TO STANDARD HEALING FRACTURES
Yoshihiro DOGAKI, Takahiro NIUKURA, Sang Yang LEE, Akihiro KOH, Takaaki KOGA, Masahiro KUROSAKA (JAPAN)

16:00 - 17:30

Free Papers

Research - Clinical I

Moderators:
Jiri GALLO (CZECH REPUBLIC) & José A. GUIMARAES CONSCIENCIA (PORTUGAL)

29806  CLINICAL FEATURES OF ARTICULAR EBURNATION OF THE KNEE IN OSTEOARTHRITIS PATIENTS
Kentaro ISE, Yasuhiro AOKI, Masahiko MIYATA, Takashi MAKIO, Yasutaka AMANO, Kojiro MOTOHARA, Isaya HIASHI, Chikage TABUCHI (JAPAN)

29890  TREATMENT OF LATERAL EPICONDYLITIS – COMPARATIVE STUDY BETWEEN AUTOLOGOUS BLOOD INJECTION AND LOCAL CORTICOSTEROID INJECTION.
Sanjiv GAUR, Ashish GOHIYA, Sunil SINSINWAR, Anoop MEHROTRA (INDIA)

29972  EVALUATING A NEW FINGER JOINT IMPLANT USING A NOVEL FINGER JOINT MOTION SIMULATOR
Wing-Yuk IP, Shiu-Ping CHOW, Kwok-Wai LAW (HONG KONG)

30111  HOW IMPORTANT IS MORPHOMETRIC ANALYSIS OF SACRAL HIATUS IN CAUDAL BLOCK?
Aditya AGGARWAL, A AGGARWAL, K HARIJIT, D SAHNI (INDIA)

29762  THE NORMAL PROXIMAL ULNAR ANATOMY INFLUENCES ELBOW RANGE OF MOTION
Fanny CANET, Dominique ROULEAU, Julien CHAPLEAU, Yvan PETIT, Emilie SANDMAN, Kenneth
FABER, George ATWHAL (CANADA)

29289  EFFECT OF KNEE FLEXION CONTRACTURE ON SAGITTAL SPINAL ALIGNMENT AND SPINAL RANGE OF MOTION.
Shinya YANAGISAWA, Naoki SATO, Astushi YAMAMOTO, Masaki SHIMIZU, Saito KENICHI, Takagishi KENJI (JAPAN)

29646  ROLE OF MESH IN ORTHOPAEDIC ONCOLOGICAL RECONSTRUCTION: A CLINICAL STUDY
Shishir RASTOGI, Shishir RASTOGI, Ashok KUMAR, Himanshu GUPTA, Shah KHAN (INDIA)

30010  A NOVEL ULTRASOUND SYSTEM FOR AUTOMATED 3D SURFACE ANALYSIS OF LONG BONES
Frederic BLUDAU1, Dzmitry HLINDZICH1, Pavel KRASOPEVTSEV1, Aleh KRYVANOS2, Markus L. SCHWARZ1
1(GERMANY), 2(BELARUS)

30207  THE EFFECT OF ELBOW AND HAND POSITIONS ON THE RADIO-CAPITELLUM RATIO (RCR) - PRELIMINARY STUDY
Emilie SANDMAN, Fanny CANET, Yvan PETIT, Yves LAFLAMME, Dominique ROULEAU (CANADA)

Tuesday, 6 September 2011

Club D

13:30 - 15:00 Lecture / Free Papers

Spine - Cervical Decompression & Fusion Techniques

Moderators:
Chunde Li (CHINA) & Shanmuganathan RAJASEKARAN (INDIA)

30283  A NEW CLASSIFICATION FOR OSTEOPOROSIS-RELATED KYPHOSIS
Li CHUNDE (CHINA)

28468  C2-C7 POSTERIOR FIXATION RECOMMENDED IN CERVICAL MYELOPATHY WITH LOCAL KYPHOSIS
Takashi CHIKAWA, Risa HAMAGUCHI, Masaru NAKAMURA, Shunji NAKANO, Tateaki SHIMAKAWA (JAPAN)

29398  CRANIO-VERTEBRAL REGION HEREDITARY AND ASQUIRED PATHOLOGY DIAGNOSIS AND TREATMENT
Darya TESAKOVA, Oleg DULUB, Alexander BELETSKY, Andrey BABKIN, Inessa IL'YASEVICH, Irina BYSTRYMOVICH (BELARUS)

29852  PRE-OPERATIVE PATIENT CHARACTERISTICS; DO THEY INFLUENCE ON CLINICAL OUTCOMES FOLLOWING CERVICAL DISC REPLACEMENT SURGERY.
Sandesh LAKKOL, Razvan TARANU, Shree ARANGANATHAN, Guru REDDY, Chandra BHATIA, Tail FRIESEM (UNITED KINGDOM)

29954  INTRAOPERATIVE ISO-C C-ARM BASED NAVIGATION IN CHALLENGING CERVICAL SPINE FIXATIONS
Rajasekaran S, Rishi M KANNA, Ajoy P SHETTY (INDIA)
27598 ANTERIOR CERVICAL DISCECTOMY, FUSION (ACDF) WITH AUTOGRAFT AND PLATING IN CERVICAL SPONDYLOMYELOPATHY: A LONG TERM STUDY
Vishal KUMAR, Raj BAHADUR (INDIA)

28700 LAMINOPLASTY VERSUS LAMINECTOMY AND FUSION FOR MULTILEVEL CERVICAL SPONDYLOSIS
Woo Chul Kim, Kye Yeol Lee, Hyeon Jun Kim (KOREA SOUTH)

29732 A 3-D MOTION ANALYSIS STUDY COMPARING THE EFFECTIVENESS OF CERVICAL SPINE ORTHOSES IN RESTRICTING CERVICAL SPINE MOVEMENT DURING ACTIVITIES OF DAILY LIVING
Nicholas EVANS, Georgina HOOPER, Rachel EDWARDS, Gemma WHATLING, Cathy HOLT, Sashin AHUJA (UNITED KINGDOM)

16:00 - 17:30 Lecture / Free Papers

28796 INCIDENCE OF VENOUS THROMBOEMBOLISM IN PELVIC FRACTURES UNDER PHYSICAL AND MECHANICAL PROPHYLAXIS WITHOUT DRUG ADMINISTRATION
Takahiro NIKURA, Sang Yang LEE, Akihiro KOH, Takaaki KOGA, Yoshihiro DOGAKI, Masahiro KUROSAKA (JAPAN)

29400 ACUTE PULMONARY EMBOLISM AS A RESULT OF LOWER LIMB EXSANGUINATION AND TOURNIQUET INFLATION. A CASE REPORT AND LITERATURE REVIEW
Konrad Sebastian WRONKA, Jonathan DAVIES (UNITED KINGDOM)

28051 ARE WE CompleTING VENOUS THROMBOEMBOLISM RISK ASSESSMENT PROFORMAS IN ORTHOPAEDIC PATIENTS?
Nawfal AL-HADITHY, Madhavan PAPANNA, Simon MORDECAI, Syed HAQUE, Mohammed JESRY, Jim GRAY (UNITED KINGDOM)
## Tuesday, 6 September 2011

**Club E**

**Symposium**

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<td>16:00 - 17:30</td>
<td>How to use orthopaedic databases effectively during literature search?</td>
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*Moderators:*
- Fatih KUCUKDURMAZ (TURKEY)
- PUBMED DATABASE
  - Fatih KUCUKDURMAZ (TURKEY)
- COCHRANE DATABASE
  - Mohammad SUKEIK (UNITED KINGDOM)
- EMBASE DATABASE
  - Hakan KIVILCIM (TURKEY)

## Tuesday, 6 September 2011

**Club H**

**Educational Day**

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*Moderators:*
- Vikas KHANDUJA (UNITED KINGDOM)

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<td>INTRODUCTION &amp; WELCOME</td>
<td>Vikas KHANDUJA (UNITED KINGDOM)</td>
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<td>SICOT YSC &amp; ITS ACTIVITIES</td>
<td>Hatem SAID (EGYPT)</td>
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<td>30595</td>
<td>APPLIED ANATOMY OF THE HIP</td>
<td>Vishy MAHADEVAN (UNITED KINGDOM)</td>
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<td>30596</td>
<td>SURGICAL EXPOSURES TO THE HIP</td>
<td>Vishy MAHADEVAN (UNITED KINGDOM)</td>
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<td>30597</td>
<td>BASIC BIOMECHANICS OF THE HIP JOINT</td>
<td>Emmanuel AUDENAERT (BELGIUM)</td>
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<td>ACETABULAR FRACTURES &amp; DISLOCATIONS</td>
<td>Valer DZUPA, J. SKALA (CZECH REPUBLIC)</td>
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<td>NECK OF FEMUR FRACTURES</td>
<td>Fatih KUCUKDURMAZ (TURKEY)</td>
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<td>TROCHANTERIC &amp; SUBTROCHANTERIC FRACTURES</td>
<td>Hatem SAID (EGYPT)</td>
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<td>30601</td>
<td>ARTHRODESIS OF THE HIP</td>
<td>Josef VCELAK (CZECH REPUBLIC)</td>
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<td>ARTHROSCOPY OF THE HIP</td>
<td>Vikas KHANDEJA (UNITED KINGDOM)</td>
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<td>OSTEOTOMIES AROUND THE HIP</td>
<td>Khaled EMARA (EGYPT)</td>
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<td>Mandeep DHILLON (INDIA)</td>
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<td>THR – FIXATION</td>
<td>Tomas TRC (CZECH REPUBLIC)</td>
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<td>30605</td>
<td>THR – BEARINGS</td>
<td>Hitendra DOSHI (SINGAPORE)</td>
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<td>30606</td>
<td>THR – COMPLICATIONS &amp; PITFALLS</td>
<td>Jacob MUNRO (NEW ZEALAND)</td>
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<td>RECONSTRUCTION OF THE ACETABULUM IN REVISION THA</td>
<td>Maher HALAWA (UNITED KINGDOM)</td>
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<td>Vijay SHETTY (INDIA)</td>
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<td>RESURFACING ARTHROPLASTY OF THE HIP</td>
<td>Peter YAU (HONG KONG)</td>
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<td>EXCISION ARTHROPLASTY OF THE HIP</td>
<td>Vratislav RYBKA (CZECH REPUBLIC)</td>
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<td>30610</td>
<td>CLOSING REMARKS &amp; COURSE EVALUATION</td>
<td>Vikas KHANDEJA (UNITED KINGDOM)</td>
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**Wednesday, 7 September 2011**

*Forum Hall*

### Symposium

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<th>08:00 - 08:55</th>
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<td><strong>Moderators:</strong></td>
<td>Laurent SEDEL (FRANCE)</td>
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<tr>
<td><strong>Welcome</strong></td>
<td>Miguel CABANELA (UNITED STATES)</td>
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<td><strong>Highly Cross-Linked Polyethylene</strong></td>
<td>Harry RUBASH (UNITED STATES)</td>
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<td><strong>Ceramic-Ceramic</strong></td>
<td>Laurent SEDEL (FRANCE)</td>
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<td><strong>Metal-Metal</strong></td>
<td>Adolph LOMBARDI (UNITED KINGDOM)</td>
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<tr>
<td><strong>Current Use of Couples – The Future</strong></td>
<td>William MALONEY (UNITED STATES)</td>
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<td><strong>Discussion Q&amp;A</strong></td>
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### Symposium

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<th>08:55 - 10:00</th>
<th>IHS (Open Meeting): Joint Preservation</th>
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<td><strong>Moderators:</strong></td>
<td>Reinhold GANZ (SWITZERLAND)</td>
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<tr>
<td><strong>Epidemiology of FAI in North America</strong></td>
<td>John CLOHISY (UNITED STATES)</td>
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<td><strong>Prevalence/Association of FAI with OA in Young Adults</strong></td>
<td>Michael LEUNIG (SWITZERLAND)</td>
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<td><strong>What Can Still Be Missed on Conventional Radiographs of the Hip?</strong></td>
<td>Martin BECK (SWITZERLAND)</td>
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<td><strong>Can 3D Computed Hip Motion Contribute to Better Understanding of Hip Pathophysiology?</strong></td>
<td>Klaus SIEBENROCK (SWITZERLAND)</td>
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<td><strong>Result of Open Dislocation for FAI in Athletes Under 21</strong></td>
<td>Robert TROUSDALE (UNITED STATES)</td>
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<td><strong>Prospective Multicenter Study of Demographics, Early Results and Complications of Periacetabular Osteotomy: The Anchor Experience</strong></td>
<td>Michael MILLIS (UNITED STATES)</td>
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</table>
DISCUSSION Q&A

10:50 - 11:45

Symposium

IHS (Open Meeting): Complications of THA

Moderators:
Henrik MALCHAU (UNITED STATES)

DISLOCATION
Peter DEVANE (NEW ZEALAND)

WEAR-OSTEOLYSIS
Steven MACDONALD (CANADA)

PERIPROSTHETIC FRACTURE
Daniel BERRY (UNITED STATES)

INFECTION
Moussa HAMADOUCH (FRANCE)

ABDUCTOR INSUFFICIENCY
Miguel CABANELA (UNITED STATES)

DISCUSSION Q&A

11:45 - 12:30

Symposium

IHS (Open Meeting): Issues in Revision THA

Moderators:
Miguel CABANELA (UNITED STATES)

ACETABULAR AUGMENTS
David LEWALLEN (UNITED STATES)

FAILED CERAMIC
Laurent SEDEL (FRANCE)

FAILED RESURFACING AND METAL-METAL
Paul BEAULE (CANADA)

MODULAR FEMORAL COMPONENTS
Carsten PERKA (GERMANY)

DISCUSSION Q&A

14:00 - 15:30

Lecture / Free Papers

Hip - Complex Dysplasia

Moderators:
Luis LOPEZ-DURAN STERN (SPAIN) & Yixin ZHOU (CHINA)

30272 TOTAL HIP REPLACEMENT FOR A CONGENITAL HIGH RIDING HIP
Yixin ZHOU (CHINA)

28006 TOTAL HIP ARTHROPLASTY IN DEVELOPMENTAL DYSPLASTIC HIP, 5 YEARS EXPERIENCE.
Dariush GOURAN SAVADKOOH, Babak SIAVASHI, Mohammad GOURAN SAVADKOOH,
Mohammadreza GOLBAKHSH (IRAN)

29479 EARLY INDEPENDENT OUTCOME OF CUSTOM MADE STEMS FOR DYSPLASTIC FEMURS IN THE YOUNG PATIENT
Ravindra BADGE, Amit SHAH, Ram MOHAN (UNITED KINGDOM)

28497 RESULTS OF PRIMARY TOTAL HIP ARTHROPLASTY FOR SEVERE DYSPLASTIC OSTEOARTHRITIS
Asparouh ASAPROUHOV, Yordan VALESHKOV, Svilen Todorov (BULGARIA)

28234 TOTAL HIP ARTHROPLASTY AFTER PREVIOUS ACETABULUM FRACTURE FIXATION
Dariush GOURAN SAVADKOHHI, Babak SIAVASHI, Mohammad GOURAN SAVADKOHHI (IRAN)

28297 COMPLEX PRIMARY HIP REPLACEMENT IN POST TUBERCULOSIS ARTHRITIS
Prabhat Kumar SINGH, Mrinal SHARMA, Yatinder KHARBANDA, Rajiv RAMAN, Gaurav SHARMA (INDIA)

16:30 - 18:00 Free Papers

Hip - Positioning of Implant

Moderators:
Felix Gil-ORBEZO (MEXICO) & Tomas TRC (CZECH REPUBLIC)

29544 IMAGE-FREE COMPUTER-ASSISTED CAP POSITIONING IN HIP RESURFACING – A RANDOMIZED PROSPECTIVE STUDY
Maik STIEHLER, Stephan KIRSCHNER, Jens GORONZY, Frank KRUMMENAUER, Klaus-Peter GÜNTHER (GERMANY)

28782 THE OPERATING TABLE PLANE-TRUSTY GIUDANCE FOR PROPER CUP PLACEMENT IN TOTAL HIP ARTHROPLASTY?
Florian RADETZKI1, Thomas MENDEL1, Hansrudi NOSER2, Karsten STOCK1, David WOHLRAB1
1(GERMANY), 2(SWITZERLAND)

28270 USE OF AN ULTRASOUND BASED NAVIGATION SYSTEM FOR AN ACURRATE ACETABULAR POSITIONING IN TOTAL HIP ARTHROPLASTY: A PROSPECTIVE, RANDOMIZED, CONTROLLED STUDY.
Georg WASSILEW, Carsten PERKA, Viktor JANZ, Olaf HASART (GERMANY)

30028 EVALUATION OF ACETABULAR CUP ORIENTATION IN TOTAL HIP REPLACEMENT - COMPARISON OF FREEHAND VS MECHANICAL JIG ASSISTED VS NAVIGATION ASSISTED CUP PLACEMENT : AN
INDIAN EXPERIENCE
Ajith Kumar SHETTY, Shantharam SHETTY, Kanthi KIRAN, Abhishek KINI (INDIA)

29992 UTILITY OF JOINT REGISTRY DATA IN IMPROVING ACETABULAR CUP POSITIONING IN TOTAL HIP REPLACEMENT
Henrik MALCHAU, Young-Min KWON, Mark CALLANAN, Charles BRAGDON, Jennifer VAN WARMERDAM, Ravi BASHYAL (UNITED STATES)

29633 A NEW ACCURATE METHOD OF MEASURING ACETABULAR CUP ANTEVERSION ON SIMULATED RADIOGRAPHS
Vikas BACHHAL, Ramesh Kumar SEN, Sarvdeep DHATT, Sushil RANGDAL, Uttam SAINI (INDIA)

28295 ULTRASOUND BASED COMPUTER NAVIGATION OF THE ACETABULAR COMPONENT: A FEASIBILITY STUDY
Viktor JANZ, Carsten PERKA, Georgi WASSILEW (GERMANY)

27260 PROXIMAL FEMORAL ANATOMY IN TOTAL HIP ARTHROPLASTY A TRI‐PLANAR COMPUTERIZED TOMOGRAPHIC ASSESSMENT
Adeel MEMON (IRELAND)

29059 DOUBLE ACETABULAR WALL: A MISLEADING POINT FOR HIP ARTHROPLASTY
Firooz MADADI (IRAN)

Wednesday, 7 September 2011
Meeting Hall I

08:00 - 09:30 Instructional Course
Damage Control in Poly-traumatized Patients

Moderators:
Gershon VOLPIN (ISRAEL)

INTRODUCTION
Gershon VOLPIN (ISRAEL)

EARLY TOTAL CARE (ETC)
James WADDELL (CANADA)

DAMAGE CONTROL ORTHOPEDICS (DCO)
Gershon VOLPIN (ISRAEL)

POLYTRAUMA – OPERATIVE PROCEDURES – THE TIME OF SURGERY
Vilmos VÉCSEI (AUSTRIA)

10:30 - 12:00 Free Papers
Trauma Committee - Fractures Around the Knee II: Patella

Moderators:
Stefan MARLOVITS (AUSTRIA) & Gershon VOLPIN (ISRAEL)

28425 NEGLECTED HOFFA’S FRACTURE
Anil JAIN, Ish DHAMMI, Vipul GARG (INDIA)

28737 IMPACTION BONE GRAFTING FOR THE TREATMENT OF SEGMENTAL BONE DEFECTS IN FEMORAL NON-UNIONS: TECHNIQUE AND PRELIMINARY RESULTS
Bogdan SOLOMON, Melick CHEHADE, Stuart CALLARY, Adhiraj CHAKRABARTY, Donald HOWIE (AUSTRALIA)

29702 EXTRA-ARTICULAR PROXIMAL THIRD TibIAL FRACTURES : INTRAMEDULLARY NAILING VERSUS PLATING AN ANALYSIS OF 60 CASES
Ratna JOHARI, Sunil KULKARNI, Shalin MAHESHWARI (INDIA)

27115 MANAGEMENT OF PROXIMAL THIRD TibIAL FRACTURES BY INTERLOCK NAIL AND POLLER SCREW ALONG WITH POSSIBLE EXTENDED IMPLICATIONS OF POLLER SCREW.
Shreenath KULKARNI, Sunil KULKARNI, Govind KULKARNI, Milind KULKARNI, Vidisha KULKARNI (INDIA)

28728 EVALUATION OF TREATMENT MODALITIES OF MANAGEMENT OF FLOATING KNEE
Chirag T.N, Atul PATIL (INDIA)

14:00 - 15:30 Free Papers

Trauma Committee - Fractures Around the Knee III: Proximal Tibia

Moderators:
Thami BENZAKOUR (MOROCCO) & John KEATING (UNITED KINGDOM)

27192 MANAGEMENT OF COMPLEX INTRA-ARTICULAR PROXIMAL TibIA FRACTURES-IS LOCKING COMPRESSION PLATE(LCP) THE ANSWER?
Shreenath KULKARNI, Sunil KULKARNI, Govind KULKARNI (INDIA)

28735 TREATMENT OF TibIAL PLATEAU FRACTURE – COMPARISON OF ARTHROSCOPICALLY ASSISTED FIXATION WITH DIRECT PERCUTANEOUS FIXATION
Sanjib Kumar BEHERA, Rahul PARTHIPURAM, Satyanarayana DASARI, S, Raivi Shanker Reddy GADE (INDIA)

27850 NEW COMBINED TECHNOLOGIES FOR TREATMENT OF PATIENTS WITH CLOSED TibIAL PLATEAU FRACTURES
Anatoly KARASEV, Evgeny KARASEV, Tatyana KARASEVA (RUSSIA)

27814 ROLE OF FIBULA IN MANAGEMENT OF TibIAL PLATEAU FRACTURE AND ITS FUNCTIONAL OUTCOMES
Saurabdh JAIN (INDIA)

28285 THE RISK OF INJURY TO THE ANTERIOR TibIAL ARTERY IN THE POSTEROLATERAL APPROACH TO THE TibIAL PLATEAU. A CADAVER STUDY.
Surjit LIDDER¹, Nima HEIDARI², Wolfgang GRECHENIG², Hans CLEMENTS², Norbert TESCH², Annelie WEINBERG²
¹(UNITED KINGDOM), ²(AUSTRIA)

28469 OPEN REDUCTION AND INTERNAL FIXATION OF ISOLATED PCL FOSSA AVULSION FRACTURES: AN INDIAN EXPERIENCE WITH 42 PATIENTS.
Kamal BALI, Sharad PRABHAKAR, Uttam SAINI, Mandeep DHILLON (INDIA)

16:30 - 18:00 Free Papers

Trauma - Shaft of Tibia

Moderators:
Werner KNOPP (GERMANY) & Peteris STUDERS (LATVIA)

28220 MANAGEMENT OF OPEN GRADE III TibIAL FRACTURES WITH UNREAMED INTERLOCKING NAIL
Rajnish GARG, Dajit SINGH (INDIA)
OPEN TIBIA FRACTURES IN SOKOTO, NIGERIA: A REVIEW OF 71 CASES
Muhammad OBOIRIEN, Salisu ISMAIL (NIGERIA)

OPERATIVE MANAGEMENT OF TYPE II AND TYPE IIIA OPEN TIBIAL FRACTURES PRESENTING FROM 6 TO 24 HOURS AFTER INJURY: AN INDIAN EXPERIENCE
Sanddeep PATEL, Mandeep DHILLON, Kamal BALI (INDIA)

EPIDEMIOLOGICAL ANALYSIS OF 323 OPEN TIBIAL DIAPHYSEAL FRACTURE OUTCOMES- A 10 YEAR EXPERIENCE
Weiliang CHUA, Diarmuid MURPHY, Hitendra DOSHI, Fareed KAGDA, Joseph THAMBIAH (SINGAPORE)

DETERMINANTS OF QUALITY OF LIFE AFTER OPEN TIBIAL SHAFT FRACTURES: FINDINGS OF A MULTICENTER STUDY
Werner KNOPP, Klaus-Michael STÜRMER, Joachin KUGLER (GERMANY)

MINIMAL FIXATIONS FOR TREATMENT OF CLOSED SEGMENTAL FRACTURES OF TIBIAL SHAFT IN ADULTS
Ayyoub AL-DOLAYMI, Mohanad HASAN, Rami AHMED, Dawood AL-OBAIDI (IRAQ)

COMPARATIVE STUDY OF ILIZAROV METHOD OF EXTERNAL FIXATION AND UNREAMED INTERLOCKING NAILING IN COMPOUND FRACTURES OF TIBIA
Abhishek BANSAL, Omprakash MEENA, M K Siddaliga SWAMY (INDIA)

TREATMENT OF INFECTED NON UNION TIBIA (ROSENS TYPE 2) BY INDIGENOUSLY DEVELOPED ANTIBIOTIC COATED NAIL, ANTIBIOTIC COATED BEADS AND ILIZAROV RING FIXATOR- A STUDY OF 200 CASES.
Shreenath KULKARNI, Govind KULKARNI, Ruta KULKARNI, Sunil KULKARNI (INDIA)

A RANDOMIZED PILOT TRIAL OF INTRAMEDULLARY NAILING VERSUS ‘LOCKING-PLATE’ FIXATION FOR EXTRA-ARTICULAR FRACTURES OF THE DISTAL TIBIA
Cyril MAUFFREY, Katie MCGUINNESS, Nick PARSONS, Juul ACHTEN, Matt COSTA (UNITED KINGDOM)

Wednesday, 7 September 2011
Meeting Hall IV

08:00 - 09:30 Lecture / Free Papers

IFPOS/SICOT: Paediatrics - Upper Extremity, Limb Lengthening

Moderators:
Jacques CATON (FRANCE), Jiri CHOMIAK (CZECH REPUBLIC), Khaled EMARA (EGYPT), Franz GRILL (AUSTRIA) & Gamal HOSNY (EGYPT)

LIMB LENGTHENING OF THE LOWER LIMBS IN SHORT STATURE PEOPLE TEENAGERS AND YOUNG ADULTS
Jacques CATON (FRANCE)

ONE BONE FOREARM - A RECONSTRUCTIVE PROCEDURE FOR RADIO- ULNAR DEFACTS
Sanjay KESHKAR, Ratnesh KUMAR (INDIA)
OPTIMAL LOCATION OF MEDIAL HINGE FOR CLOSED WEDGE OSTEOTOMY OF CUBITUS VARUS TO MINIMIZE LATERAL CONDYLAR PROMINENCE
Banchong MAHAISAVARIYA, Kriskrai SITHISIRIPRATPEEP, Nattapon CHANTARAPANICH (THAILAND)

DOMESTEOLOGY STABILISED WITH JESS FOR CORRECTION OF CUBITUS VARUS DEFORMITY.
Vikas BACHHAL, Sammunder SINGH, Sameer AGGARWAL, Mandeep DHILLON (INDIA)

MODIFIED STEP CUT OSTEOTOMY FOR POST TRAUMATIC CUBITUS VARUS: OUR EXPERIENCE WITH 14 CHILDREN
Kamal BALI, Pebam SUDESH, Vibhu KRISHNAN (INDIA)

Limb lengthening with a sub muscular plate
Ratna JOHARI, Ruta KULKARNI, Nishant SINGH (INDIA)

THE AIM OF THIS STUDY IS TO EVALUATE CASES TREATED WITH GRADUAL FOOT LENGTHENING USING EXTERNAL FIXATION
Gamal HOSNY (EGYPT)

RESPONSE OF CHONDROPROGENITORCELLS FROM THE HUMAN PHYSIS TO MECHANICAL STRAIN AD INTERLEUKIN-1β
Karin PICHLER, Tanja KRAUS, Walzer SONJA, Robert EBERL, Annelie-Martina WEINBERG, Reinhard WINDHAGER (AUSTRIA)

CORRECTION OF SEVERE BLOUNTS DISEASE IN OLDER CHILDREN WITH DISTRACTION OSTEONGENESIS
Aik SAW, Wan Hee LEONG, Yeok Pin CHUA, Poh Chen LEE (MALAYSIA)

DEGA OSTEOOTOMY: A SHORT TO MEDIUM TERM REVIEW OUTCOME OF 23 DISLOCATED HIPS IN CHILDREN WITH NEUROMUSCULAR CONDITIONS
Margaret Woon Man FOK, Adebayo M OWOOLOA, Michael TO, Wang CHOW (HONG KONG)

PROXIMAL FEMUR EXTENSION OSTEOOTOMY FOR TREATMENT OF FLEXION CONTRACTURE OF THE HIP
Yuehuei AN, Richard GROSS (UNITED STATES)

IS THERE ANY BENEFIT TO USING BOTULINUM TOXIN TYPE A IN THE TREATMENT OF LOWER LIMB SPASTICITY IN YOUNGER AGE CHILDREN WITH CEREBRAL PALSY?
Shalin MAHESHWARI1, Ashok JOHARI1, Ratna JOHARI1, Roslyn BOYD2, Siddharth VEMURI2
1(INDIA), 2(AUSTRALIA)

DEVELOPMENT AND INITIAL VALIDATION OF THE ASSESSMENT OF CAREGIVER EXPERIENCE WITH NEUROMUSCULAR DISEASE (ACEND)
David ROYE, Hiroko MATSUMOTO, Debra KRASINSKI, Stephen A. KLINGE, Jaime A. GOMEZ, Whitney A. BOOKER, Nicholas D. COLACCHIO, David P. ROYE, Michael G. VITALE, Joshua E. HYMAN (UNITED STATES)

TREATMENT OF FIXED KNEE DEFORMITY IN CEREBRAL PALSY, USING DISTAL FEMORAL EXTENSION OSTEOOTOMY WITH PATELLAR TENDON SHORTENING.
Silvia RECINEILLO, Mario LAMPROPULOS, Hernan IRIARTE, Juan ZICARO (ARGENTINA)

29412 BOTULINUM TOXIN A TREATMENT IN CEREBRAL PALSY. RESULTS OF SURVEY IN 46 PATIENTS.
Albert FUJAK, Steffen KÖCKERITZ, Raimund FORST, Jürgen FORST (GERMANY)

28898 CRUCIATE LIGAMENTS IN PROXIMAL FEMORAL FOCAL DEFICIENCY: ARTHROSCOPIC ASSESSMENT AND CLINICAL RELEVANCE.
Jiri CHOMIAK, Ales PODSKUBKA, Pavel DUNGL, Martin OSTAEL, Monika FRYDRYCHOVA (CZECH REPUBLIC)

28333 MANAGEMENT OF NEGLECTED HABITUAL DISLOCATION OF PATELLA: A CASE SERIES
Sumit BATRA, Aman GOYAL, Vinod SHARMA (INDIA)

29671 POST SEPTIC HIP DISLOCATION IN CHILDREN WITH PRESENCE OF CAPITAL FEMORAL EPIPHYYSIS – A STUDY OF 21 HIPS
Shalin MAHESHWARI, Ashok JOHARI, Ratna JOHARI (INDIA)

12:30 - 13:30 Industry Symposium
Ceramtec: Bearings in THA - Pros and Cons
Moderators:
Pavel DUNGL (CZECH REPUBLIC), Tomas TRC (CZECH REPUBLIC) & Karl ZWEYMÜLLER (AUSTRIA)

BASICS OF TRIBOLOGY IN THA
Rihad TREBSE (SLOVENIA)

COMBINATION OF TRIBOLOGY MATERIALS AND SOURCES OF ERROR
Carsten PERKA (GERMANY)

IS SQUEAKING IN THA REALLY A PROBLEM?
Radovan KUBES (CZECH REPUBLIC)

CLINICAL EXPERIENCE WITH CERAMIC BEARINGS
Gerald PFLÜGER (AUSTRIA)

Q&A AND DISCUSSION

14:00 - 15:30 Free Papers
IFPOS/SICOT: Paediatrics - Spine, DDH and Hip
Moderators:
David ARONSSON (UNITED STATES), Petr CHLADEK (CZECH REPUBLIC), Carlo MILANI (BRAZIL),
Micheal MILLIS (UNITED STATES) & George THOMPSON (UNITED STATES)

29272 SINGLE STAGE VERTEBRAL COLUMN RESECTION (VCR) OF HEMIVERTEBRAE IN CHILDREN UNDER THE AGE OF 10 YEARS
Mohammad EL-SHARKAWI, Wael KOPTAN, Yasser ELMILIGUI (EGYPT)

30124 THE 4 RIB CONSTRUCT FOR KYPHOTIC EARLY ONSET SPINAL DEFORMITY
Alaa AHMAD¹, Richard GROSS²
¹(PALESTINE), ²(UNITED STATES)
29322  NEW ULTRASOUND SCREENING PROTOCOL FOR DETECTION OF DEVELOPMENTAL DYSPLASIA OF THE HIP (DDH) WITH BETTER COST-BENEFIT RATIO
Jakob NARANDA, Tomaz TOMAZIC (SLOVENIA)

28402  GRAF TYPE IIA HIPS NEEDS MORE CONSIDERATION IN FEMALE BABIES
Hakan OMEROGLU, Remzi CAYLAK, Ulukan INAN, Nusret KOSE (TURKEY)

28569  DOSE AN INTERTROCHANTERIC OSTETEOMY ACCELERATE THE REMODELING OF FEMORAL HEAD AFTER SLIPPED CAPITAL FEMORAL EPIPHYSIS?
Toshibo KITANO, Keisuke NAKAGAWA, Mayuko WADA, Mitsuaki MORITA, Yoshitaka EGUCHI (JAPAN)

27700  EVALUATION OF DECISIONS OF EXPERIENCED SURGEONS REGARDING THE NEED FOR SECONDARY SURGERY IN DEVELOPMENTAL DYSPLASIA OF THE HIP
Hakan OMEROGLU, Haluk AGUS, Ali BiCIMOGLU, Yucel TUMER (TURKEY)

28472  PEDIATRIC FEMORAL NECK FRACTURES: OUR 10 YEARS OF EXPERIENCE IN MANAGEMENT.
Sandeep PATEL, Mandeep DHILLON, Kamal BALI (INDIA)

28290  SALTER INNOMINATE OSTETOMY FOR TREATMENT OF DEVELOPMENTAL DYSPLASIA OF THE HIP IN DIFFERENT WALKING AGED CHILDREN
Jun Li (CHINA)

30031  RETURN TO PLAY FOLLOWING PERIACETABULAR OSTETOMY FOR TREATMENT OF ACETABULAR DYSPLASIA IN YOUNG ATHLETES
Michael MILLIS, Benton HEYWORTH, Eduardo NOVAIS, Young-Jo KIM (UNITED STATES)

28871  3D ANALYSIS AFTER QUADRUPELE OSTETOMY OF PELVIS IN ELDER CHILDREN.
Roger JAWISH, Ali KRANY, Joe ABI AKL (LEBANON)

16:30 - 18:00  Lecture / Free Papers

IFPOS/SICOT: Paediatrics - Hip, Perthes, Fractures

Moderators:
Ashok JOHARI (INDIA), Carlo MILANI (BRAZIL) & George THOMPSON (UNITED STATES)

30082  ACETABULAR RETROVERSION IN TRISOMY 21
Michael MILLIS, Wudbhav SANKAR, Jonathan SCHONECKER, Matthew MAYFIELD, Young-Jo KIM (UNITED STATES)

29688  ARTHRODIASTASIS IN LATE ONSET PERTHE’S DISEASE-AN ANALYSIS OF 11 CASES
Ratna JOHARI, Ruta KULKARNI (INDIA)

28999  DOSE THE FEMORAL INTERTROCHANTERIC OPEN WEDGE VARUS OSTETOMY FOR LEGG-CALVES-PERTHE’S DISEASE CHANGE LOW EXTREMITY AXIS AFTER LONG TERM FOLLOW-UP?
Changhoon JEONG, Young Wook LIM (KOREA SOUTH)

30296  EVIDENCE BASED TREATMENT OF PERTHES DISEASE
Ashokkumar JOHARI (INDIA)

30034  DISTAL METAPHYSSEAL RADIUS FRACTURES IN CHILDREN: CAN LOSS OF REDUCTION BE PREDICTED?
Juan PRETELL, Nicholas BECK, Jordan BREWER, Keith BALDWIN, Wudbhav SANKAR, John FLYNN (UNITED STATES)

29847  TORUS/BUCKLE FRACTURE – ARE WE OVER TREATING?
Sandesh LAKKOL, Nick BEZZINA, Bayliss NEIL (UNITED KINGDOM)
Wednesday, 7 September 2011

Meeting Hall V

08:00 - 09:30
Instructional Course

Management of Rotator Cuff Pathology

Moderators:
Pietro RANDELLI (ITALY)

CALCIFIC TENDONITYS
Vojtech HAVLAS (CZECH REPUBLIC)

PARTIAL THICKNESS CUFF TEARS
Giuseppe MILANO (ITALY)

FULL THICKNESS CUFF TEARS
Manos ANTONOANNAKAS (GREECE)

MASSIVE CUFF TEAR
Pietro RANDELLI (ITALY)

ROTATOR CUFF ARTHROPATHY, THE ROLE OF REVERSE PROSTHESIS
Philippe VALENTI (FRANCE)

10:30 - 12:00
Free Papers

Paediatrics & Trauma - Miscellaneous

Moderators:
Olivier DELAHAUT (BELGIUM) & Pavel SPONER (CZECH REPUBLIC)

28626 LONG TERM FOLLOW UP OF FLEXIBLE INTRAMEDULLARY NAILING IN PAEDIATRIC FEMORAL SHAFT FRACTURES
Vikas BACHHAL, Ramparkash LOHIYA, Sushil RANGDAL, Mandeep DHILLON (INDIA)

28394 DELAYED FIXATION OF FRACTURE NECK FEMUR IN CHILDREN: HOW MUCH DELAYED IS DELAYED?
Shah Alam KHAN, Ashok KUMAR (INDIA)

29631 ELASTIC NAILING FOR FEMUR FRACTURES IN PRESCHOOL CHILDREN.
Yasser ASSAGHIR (EGYPT)

28884 DISPLACED FRACTURES OF SHAFT OF RADIUS AND ULNA IN PAEDIATRIC POPULATION-OUTCOME OF SURGICAL AND CONSERVATIVE MANAGEMENT
Konrad Sebastian WRONKA, Jonathan DAVIES, Simon RICHARDS (UNITED KINGDOM)

29715 KIRSCHNER WIRE FIXATION FOR COMPOUND FRACTURES OF THE ANKLE IN UNDERPRIVILEGED PATIENTS
Indray Narain SINGH (INDIA)

28248  A MULTICENTRIC STUDY OF OPERATIVE FIXATION OF TIBIAL PLATEAU FRACTURES
Protyush CHATTERJEE, Gopinath ROY, Gaur Gautam KAR (INDIA)

28231  DOES MODIFIED KUNTSCHER NAIL EFFECTIVELY ADDRESS TIBIAL DIAPHYSEAL FRACTURES?
Yogesh Sharad SALPHALE, Wasudeo GADEGONE (INDIA)

12:00 - 14:00  Industry Symposium

KCI: Prevention and Treatment of Infection in Orthopedics and Trauma. What's the role of NPWT-I?

Moderators:
Christian WILLY (GERMANY)

INTRODUCTION TO THE SYMPOSIUM THEME AND PROGRAM CONTENT
Christian WILLY (GERMANY)

OVERVIEW: THE VALUE OF NPWT/INSTILLATION THERAPY IN ORTHOPEDICS AND TRAUMA
Christian WILLY (GERMANY)

GENERAL ORTHOPEDICS: CLINICAL EXPERIENCE WITH NPWT-I
Michael George DENNISON (UNITED KINGDOM)

TRAUMATOLOGY: APPLICATION OF NPWT-I IN TRAUMATOLOGY; DAILY CLINICAL EXPERIENCE
Matthias BREM (GERMANY)

INFECTED ORTHOPEDIC IMPLANTS: THE VALUE OF NPWT-I
Rolf BECKER (GERMANY)

Q&A

WHAT DO WE DO UPCOMING MONDAY? – IMPLEMENTING TODAY'S LEARNINGS?
Christian WILLY (GERMANY)

14:00 - 15:30  Free Papers

Osteonecrosis

Moderators:
Petr CHLADEK (CZECH REPUBLIC) & Philippe HERNIGOU (FRANCE)

27438  NON TRAUMATIC CAUSES OF BILATERAL AVASCULAR OSTEO NECROSIS OF THE FEMORAL HEAD:
HEPATITIS C AND PEGYLATED INTERFERON THERAPY RELATIONSHIP
Juan Gabino GOMEZ MONT, Felix GIL ORBEZO, Cesareo TRUEBA DAVILLO, Mario NAVARETE ALVAREZ, Jorge CARDENAS ELIZONDO, Efrain FARIAS CISNEROS (MEXICO)

27064  SURVIVORSHIP OF REVISION HIP ARTHROPLASTY IN PATIENTS WITH SICKLE CELL DISEASE
Philippe HERNIGOU, Alexandre POIGNARD, Charles Henri FLOUZAT LACHANETTE (FRANCE)

27635  EFFECT OF CORE DECOMPRESSION AND AUTOLOGOUS BONE MARROW MONONUCLEAR CELLS
INSTILLATION IN EARLY STAGES OSTEO NECROSIS OF FEMORAL HEAD: A RANDOMIZED CONTROL
STUDY
Sujit Kumar TRIPATHY, Ramesh Kumar SEN (INDIA)

28447  EVALUATION OF BIPOLAR HEMIARTROPLASTY FOR THE TREATMENT OF STEROID-INDUCED
OSTEO NECROSIS OF THE FEMORAL HEAD
Mitsutoshi MORIYA, Katsufumi UCHIYAMA, Naonobu TAKAHIRA, Kensuke FUKUSIMA, Takeaki YAMAMOTO, Tadashi KAWAMURA, Moritoshi ITOMAN, Masashi TAKASO (JAPAN)

28616 IS COMBINATION OF CORE DECOMPRESSION WITH HYPERBARIC OXYGEN BENEFICIAL FOR EARLY STAGE AVASCULAR NECROSIS OF THE FEMORAL HEAD?
Onur HAPA, Huseyin OZKAN, Senol YILDIZ, Mustafa KURKLU, Yusel YURTTAS, Ali SEHIRIOGLU, Mustafa BASBOZKURT (TURKEY)

29224 NOVEL SURGICAL PROCEDURES IN AVASCULAR NECROSIS OF FEMORAL HEAD WITH COLLAPSE OF FEMORAL HEAD - PROSPECTIVE CONSECUTIVE SERIES WITH A 10-YEAR FOLLOW-UP PERIOD
Yoshihiro NAKAMURA, Etsuo CHOSA, Takero SAKAMOTO, Shinji WATANABE, Tomohisa SEKIMOTO, Hiroaki HAMADA, Shotaro NOZAKI, Hiroshi IKEJIRI, Itono KAI (JAPAN)

30132 EFFECTS OF EXTRACORPOREAL SHOCK WAVE THERAPY (ESWT) ON REFRACTORY TO CONSERVATIVE TREATMENT PATIENT WITH OSTEONECROSIS (ON) AND OSTEOARTHRITIS (OA) OF THE KNEE
Nong Kyoom AHN, Dong Won LEE, Kwang Am JUNG, Il Seok PARK (KOREA SOUTH)

29780 RARE CASE OF BILATERAL KNEE OSTEONECROSIS
Gellért SOHÁR, Katalin GION, László MÉCS, Hristifor GÁLITY, Csaba GOMBÁR, Kálmán TÓTH (HUNGARY)

30180 CURRENT SUCCESSES IN TREATMENT OF CDH
Petr CHLÁDEK (CZECH REPUBLIC)

HISTORY OF CDH MANAGEMENT IN CZECHOSLOVAKIA
Pavel DUNGL (CZECH REPUBLIC)

CURRENT SUCCESSES IN TREATMENT OF CDH
Petr CHLÁDEK (CZECH REPUBLIC)

HISTORY OF HIP ARTHROPLASTY IN CZECHOSLOVAKIA
Tomas TRC (CZECH REPUBLIC)
**LONG TERM OUTCOMES OF TKR BEZNOSKA EVENT**
Vojtech HAVLAS, Tomas TRC (CZECH REPUBLIC)

**THE CZECH NATIONAL REGISTER OF JOINT REPLACEMENTS- STRUCTURE AND SELECTED OUTPUTS**
Pavel VAVRIK, Ivan LANDOR (CZECH REPUBLIC)

**HISTORY OF KNEE ARTHROPLASTY IN CZECHOSLOVAKIA**
Ivan LANDOR (CZECH REPUBLIC)

**LONG TERM OUTCOMES OF TKR WALTER-MOTORLET**
Vratislav RYBKA (CZECH REPUBLIC)

**Wednesday, 7 September 2011**

*Panorama Hall*

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<td>08:00 - 09:30</td>
<td><em>SRS: Juvenile Deformities, Growing Spine</em></td>
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<tr>
<td>Moderators:</td>
<td>Richard E. MCCARTHY (UNITED STATES)</td>
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<td>WHY IS FUSION NOT GOOD FOR GROWING SPINE AND HOW EFFICIENT ARE THE NON-OPERATIVE METHODS? Kamal IBRAHIM (UNITED STATES)</td>
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<td>GROWTH MODULATION TECHNIQUES Richard MCCARTHY (UNITED STATES)</td>
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<td>GROWTH STIMULATION TECHNIQUES George THOMPSON (UNITED STATES)</td>
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<td>WHEN IS FUSION UNAVOIDABLE? John DORMANS (UNITED STATES)</td>
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<td>COMPLICATIONS AND HOW TO AVOID THEM Cody BÜNGER (DENMARK)</td>
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<td>DISCUSSION</td>
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<td>10:30 - 12:00</td>
<td><em>SRS: Adolescent Idiopathic Scoliosis</em></td>
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<td>Moderators:</td>
<td>George THOMPSON (UNITED STATES)</td>
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<td>EVIDENCE FOR BRACE TREATMENT Richard MCCARTHY (UNITED STATES)</td>
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<td>LENKE CLASSIFICATION AND SELECTION OF FUSION LEVELS Kamal IBRAHIM (UNITED STATES)</td>
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<td>EVIDENCE FOR ANTERIOR VS. POSTERIOR SURGERY Dietrich SCHLENZKA (FINLAND)</td>
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</table>
EVIDENCE FOR HYBRID VS. PEDICLE SCREW SYSTEMS
Rune HEDLUND (SWEDEN)

SURGERY FOR NEGLECTED/REVISION CASES
Azmi HAMZAOGLU (TURKEY)

DISCUSSION

CASE DISCUSSIONS: IDIOPATHIC SCOLIOSIS

14:00 - 15:30

Symposium

SRS: Adult Spine Deformity

Moderators:
Keith LUK (HONG KONG)

CLASSIFICATION, NATURAL HISTORY AND INDICATIONS FOR SURGERY
Martin KRBECK (CZECH REPUBLIC)

SELECTION OF FUSION LEVELS AND APPROACH
Oheneba BOACHIE-ADJEI (UNITED STATES)

ADULT DEGENERATIVE SCOLIOSIS WITH SPINAL STENOSIS. WHEN TO INSTRUMENT AND WHEN TO NOT? INDICATIONS AND EVIDENCE
Norbert PASUTTI (FRANCE)

OUTCOMES AND EVIDENCE
Cody Bünger (DENMARK)

EVALUATION AND MANAGEMENT OF SAGITTAL PLANE IN ADULT DEFORMITY
Rune HEDLUND (SWEDEN)

DISCUSSION

CASE DISCUSSIONS: ADULT DEFORMITY

16:30 - 18:00

Symposium

SRS: Kyphosis & Spondylolisthesis

Moderators:
Dietrich SCHLENZKA (FINLAND)

SCHUERMANN'S KYPHOSIS: NON-OPERATIVE TREATMENT? INDICATIONS AND EVIDENCE
Richard CHALOUPKA (CZECH REPUBLIC)

INDICATIONS FOR SURGERY, PRE-OP EVALUATION AND SELECTION OF FUSION LEVELS
George THOMPSON (UNITED STATES)

SPONDYLolisthesis: CLASSIFICATION AND NATURAL HISTORY
Martin REPKO (CZECH REPUBLIC)

REPAIR VERSUS FUSION
Kamal IBRAHIM (UNITED STATES)

HIGH GRADE SLIPS
Dietrich SCHLENZKA (FINLAND)
**DISCUSSION**

**CASE DISCUSSION**

**Wednesday, 7 September 2011**

*Terrace I*

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<tr>
<td>08:00 - 09:30</td>
<td>Instructional Course</td>
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<td><strong>DVT Prevention in Orthopaedics</strong></td>
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<td><em>Moderators:</em> Tomas KVASNICKA (CZECH REPUBLIC)</td>
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<td><strong>INTRODUCTION, COAGULATION MECHANISM</strong></td>
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<td>J. KVASNICKA (CZECH REPUBLIC)</td>
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<td><strong>DVT IN ORTHOPAEDICS</strong></td>
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<td>Tomas TRC (CZECH REPUBLIC)</td>
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<td><strong>PREVENTION POSSIBILITIES</strong></td>
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<td>Tomas KVASNICKA (CZECH REPUBLIC)</td>
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<td><strong>COMPLICATION AND THERAPY</strong></td>
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<td>Jiri KUBES (CZECH REPUBLIC)</td>
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<td><strong>DISCUSSION – FAILURE, COMPLICATION</strong></td>
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<td>14:00 - 15:30</td>
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<td><strong>ESSKA: Athlete’s Ankle</strong></td>
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<td><em>Moderators:</em> (to be confirmed)</td>
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<td><strong>ACUTE INSTABILITY IN THE ATHLETE’S ANKLE</strong></td>
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<td>C. Niek VAN DIJK (NETHERLANDS)</td>
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<td><strong>SYNDESMOTIC AND MEDIAL INSTABILITY</strong></td>
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<td>James CALDER (UNITED KINGDOM)</td>
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<td><strong>CHRONIC ANKLE INSTABILITY</strong></td>
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<td>C. Niek VAN DIJK (NETHERLANDS)</td>
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<td></td>
<td><strong>ACHILLES TENDINOPATHY: CURRENT INSIGHTS IN MANAGEMENT</strong></td>
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<td>Giuseppe LONGO (ITALY)</td>
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<td><strong>ACHILLES TENDON RUPTURES: CURRENT STATE OF THE ART</strong></td>
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<td>James CALDER (UNITED KINGDOM)</td>
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<td><strong>ACHILLES TENDON RECONSTRUCTION AFTER FAILED PRIMARY TREATMENT</strong></td>
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<td>Giuseppe LONGO (ITALY)</td>
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<td>Milan HANDL (CZECH REPUBLIC)</td>
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<tr>
<td>16:30 - 18:00</td>
<td>Symposium</td>
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ESSKA: Hip Arthroscopy - Basic Concept, Current Indications and Future Perspective

Moderators:
Jacques MENETREY (SWITZERLAND) & Nicolas BONIN (FRANCE)

ARTHROSCOPIC ANATOMY AND PORTAL PLACEMENT
Vikas KHANDUA (UNITED KINGDOM)

FAI: CONCEPT, PATHOLOGY AND TREATMENT OPTIONS
Nicolas BONIN (FRANCE)

LABRAL MANAGEMENT: DEBRIDEAMENT OR REPAIR
Filippo RANDELLI (ITALY)

CHONDRALE LESIONS: WHAT CAN I DO?
Hassan SADRI (SWITZERLAND)

THE INTERNAL AND EXTERNAL SNAPING HIP
Filippo RANDELLI (ITALY)

ARTHROSCOPY AND TOTAL HIP ARTHROPLASTY
Hassan SADRI (SWITZERLAND)

ARTHROSCOPY AND HIP TRAUMATOLOGY
Raul ZINI, M. PANASCÍ (ITALY)

FUTURE PERSPECTIVE?
Vikas KHANDUJA (UNITED KINGDOM)

CONCLUSION = TRICKS AND PEARLS TO BRING HOME
Jacques MENETREY, Nicolas BONIN
(1(SWITZERLAND), 2(FRANCE)

Wednesday, 7 September 2011

Club A

08:00 - 09:30
Instructional Course

Basics of Modern Rheumatology

Moderators:
Karel PAVELKA (CZECH REPUBLIC)

NEW CONCEPTS IN DIAGNOSTICS AND THERAPY OF SPONDYLARTHITIDES
Karel PAVELKA (CZECH REPUBLIC)

BIOLOGIC TREATMENT OF RHEUMATOID ARTHRITIS
Ladislav SENOLT (CZECH REPUBLIC)

ADVANCES IN DIAGNOSTIC AND THERAPY OF CONNECTIVE TISSUE DISEASES
Pavel HORAK (CZECH REPUBLIC)

NEW DEVELOPMENTS IN CLASSIFICATION AND THERAPY OF PSORIATIC ARTHRITIS
Jiri STOLFA (CZECH REPUBLIC)
## Principals of the Diagnosis and New Molecules in Therapy of Gouty Arthritis

Jakub ZAVADA (CZECH REPUBLIC)

### 10:30 - 12:00

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<th>Trauma - Elbow</th>
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<td><strong>Moderators:</strong></td>
<td>Baoguo JIANG (CHINA) &amp; Frédéric A. SCHUIND (BELGIUM)</td>
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<tr>
<td><strong>30275</strong></td>
<td>TOTAL ELBOW REPLACEMENT TREATMENT FOR COMPLEX DISTAL HUMERUS FRACTURES</td>
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<tr>
<td>Baoguo JIANG (CHINA)</td>
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<td><strong>29437</strong></td>
<td>THE CLINICAL RESULTS OF TOTAL ELBOW ARTHROPLASTY FOR AO TYPE C3 DISTAL HUMERAL FRACTURE IN ELDERLY</td>
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<tr>
<td>Hyun-Dae SHIN, Kyung Cheon KIM, Jun-Yeong PARK (KOREA SOUTH)</td>
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<tr>
<td><strong>29047</strong></td>
<td>IS INVASIVE K-PIN ECCENTRAL FOR THE USE OF ELBOW HINGED FIXATORS WITH ARTHRODIATASIS?-KINEOMATIC ANALYSIS</td>
</tr>
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<td>Wei-Shiun LEE, Ching-Kong CHAO, Son-Jyh LIN, Kao-Shang SHIH (TAIWAN)</td>
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<td><strong>28697</strong></td>
<td>THE OPERATIVE TREATMENT USING TRANSOLECRANON APPROACH WITH DUAL LOCKING PLATE FOR UNSTABLE INTERCONDYLAR FRACTURES OF HUMERUS</td>
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<td>Dong-Hwan KIM, Yong-Min KIM, Byung-Ki CHO (KOREA SOUTH)</td>
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<td><strong>29664</strong></td>
<td>V-OSTEOTOMY RESECTION ARTHROPLASTY FOR BONY ANKYLOSED ELBOWS-MIDTERM RESULTS</td>
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<td>Rex CHANDRABOSE (INDIA)</td>
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<td><strong>29664</strong></td>
<td>THE CLINICAL USEFULNESS OF THE MINIMAL INVASIVE ULNO-HUMERAL ARTHROPLASTY IN MILD TO MODERATE ARTHRITIS PATIENTS IN ELBOW</td>
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<tr>
<td>Hyun-Dae SHIN, Kyung-Cheon KIM, Yoo-Sun JEON (KOREA SOUTH)</td>
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<td><strong>29838</strong></td>
<td>SHORT TERM RESULT OF MRI EVALUATION IN COSTAL OSTEOCHONDRAL AUTOGRFT FOR OSTEOCHONDRTIS DISSECANS OF THE HUMERAL CAPITELLUM</td>
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<tr>
<td>Hiroyuki TANAKA, Kozo SHIMADA, Ryosuke NOGUCHI (JAPAN)</td>
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<td><strong>28855</strong></td>
<td>A PROSPECTIVE STUDY OF STATIC WRIST EXTENSOR SPLINT FOR TREATMENT OF CHRONIC LATERAL EPICONDYLYTIS</td>
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<td>Naveen TAHASILDAAR, Prasad SORAGANVI, Naresh SHETTY, Vijay GONI, Shashidhar BK, Shakti VEL RAJAN (INDIA)</td>
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### 14:00 - 15:30

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<th>Free Papers</th>
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<tr>
<td>Elbow - Wrist</td>
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<tr>
<td><strong>Moderators:</strong> Dariush GOURAN SAVADKOOHI (IRAN) &amp; KEBRLE (CZECH REPUBLIC)</td>
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<td><strong>29787</strong> MEDIUM TERM RESULTS (3-5 YEARS) OF A LATERAL RESURFACING ELBOW (LRE) ARTHROPLASTY IN ARTHRITIS</td>
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<tr>
<td>Joseph POOLEY¹, Chrysi TSIOURI¹, Alessandro GRECO²</td>
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<td>¹(UNITED KINGDOM), ²(ITALY)</td>
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<tr>
<td><strong>29664</strong> V-OSTEOTOMY RESECTION ARTHROPLASTY FOR BONY ANKYLOSED ELBOWS-MIDTERM RESULTS</td>
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<td>Rex CHANDRABOSE (INDIA)</td>
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<td><strong>29427</strong> THE CLINICAL USEFULNESS OF THE MINIMAL INVASIVE ULNO-HUMERAL ARTHROPLASTY IN MILD TO MODERATE ARTHRITIS PATIENTS IN ELBOW</td>
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### Symposium

**EFORT: European Arthroplasty Register**

*Moderators:*
Nikolaus BÖHLER (AUSTRIA) & Gerold LABEK (AUSTRIA)

**QUALITY OF OUTCOME DATA IN SAMPLE-BASED CLINICAL STUDIES PUBLISHED IN MEDLINE-LISTED JOURNALS**
Gerold LABEK (AUSTRIA)

**OUTCOME DATA PUBLISHED IN ORTHOPAEDIC JOURNALS AND CLINICAL STUDIES PUBLISHED ON UNDERPERFORMERS IN REGISTERS**
Reinhard SCHUH (AUSTRIA)

**RELEVANCE OF STANDARDIZED IMPLANT TRACKING ON SCIENTIFIC EVALUATIONS**
J. HASENPFLEG (GERMANY)

**EVOLUTION OF THE BEARINGS AND FIXATIONS IN SLOVAKIAN ARTHROPLASTY REGISTER ANALYSES**
Libor NECAS (SLOVAKIA)

**LATEST EVALUATIONS FROM THE ENGLISH NATIONAL JOINT REGISTRY**
Martyn PORTER (UNITED KINGDOM)

**INPUT OF EAR ON REGISTER ACTIVITIES IN EUROPE**
Nikolaus BÖHLER (AUSTRIA)

**DISCUSSION**

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**Wednesday, 7 September 2011**

*Club B*

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### Free Papers

**Foot & Ankle - Hallux Valgus**

*Moderators:*
Brett G. COURTENAY (AUSTRALIA) & ZMOLIK (CZECH REPUBLIC)
RESULTS OF TREATMENT OF HALLUX RIGIDUS WITH HEMIARTHROPLASTY.
Miltiadis AVRAMIDIS, Michail BOZOGLOU, Christos LYRTZIS, Christos KRYSTALLIS (GREECE)

OUTCOMES FOLLOWING CHEILECTOMY FOR HALLUX RIGIDUS
Sivaraman BALASUBRAMANIAM, Devendra MAHADEVAN, Melwyn PEREIRA (UNITED KINGDOM)

DO WEIGHTBEARING FILMS EFFECT DECISION MAKING IN HALLUX VALGUS SURGERY?
Israel DUDKIEWICZ, Alon BURG, Ori HADASH, Yehezkel TYTIUN, Moshe SALAI (ISRAEL)

THE CHEVRON OSTEOOTOMY WITH LATERAL SOFT TISSUE RELEASE FOR HALLUX VALGUS SURGERY IN THE ELDERLY – A PROSPECTIVE STUDY IN 80 FEET
Stefan HOFSTAETTER, Reinhard SCHUH, Klemens TRIEB, Hans-Jörg TRNKA (AUSTRIA)

SLING PROCEDURE FOR HALLUX VALGUS
Evguenni MIKHNOVICH, Alexander MARTINOVICH, Alexander VOLOTOVSKI (BELARUS)

CROSSED-SCREW TECHNIQUE OF HALLUX METATARSO-PHALANGEAL JOINT ARTHRODESIS - SCREW TECHNIQUE: SURGICAL RESULTS AND FUNCTIONAL OUTCOMES
Wail Awad Elkarim Mohammed AHMED, Riazuddin MOHAMMED, Anirudh GADGIL (UNITED KINGDOM)

PROXIMAL CLOSING WEDGE OSTEOTOMY OF FIRST METATARSAL BONE IN HALLUX VALGUS
Adrian BADILA, Radu RADULESCU, Octavian NUTIU, Robert MANOLESCU, Cristian NITA, Ionut JAPIE, Traian CIOBANU, Alexandru PAPUC, Dragos RADULESCU, Boris FEGHIU (ROMANIA)

STABILIZATION OF THE CHEVRON PROCEDURE FOR HALLUX VALGUS DEFORMITY WITH A CAPSULOPERIOSTEAL FLAP. LONG TERM FOLLOW UP RESULTS FOR 88 FEET OF 59 PATIENTS
Berk GUCLU, Alper KAYA, Burak AKAN, Murat KOKEN, Ali Kemal US (TURKEY)

DIAGNOSIS AND TREATMENT FOR TENOSYNOVITIS OF THE FLEXOR HALLUCIS LONGUS TENDON: APPLICATION OF HINDFOOT ENDOscopy
Ken INNAMI, Masato TAKAO, Fumito KOMATSU, Wataru MIYAMOTO, Takashi MATSUSITA (JAPAN)

Free Papers

Moderators:
(to be confirmed)

FOOT & ANKLE INJURIES IN ELITE PROFESSIONAL FOOTBALLERS: EVALUATING THE RISK INVOLVED
Neil JAIN, David MURRAY, Steve KEMP, Tony MCEVOY (UNITED KINGDOM)

TIBIOFIBULAR SHIFTING AFTER SYDESMOTIC SCREWS- NEW RESULTS FROM A PROSPECTIVE STUDY.
Annette AHRBERG, Chritoph JOSTEN (GERMANY)

FIXATION OF DISTAL TIBIOFIBULAR SYDESMOSIS: A COMPARATIVE STUDY BETWEEN TIGHTROPE AND SCREW FIXATION.
Gohar NAQVI, Nasir AWAN (IRELAND)

ANKLE SYNOVIAL CHONDROMATOSIS : MANEGMENT ENIGMA
Saurabh SINGH (INDIA)

TRIPLE FUSION AND ILIZAROV GRADUAL CORRECTION FOR STIFF ADULT PES-PLANO VALGUS
Hisham SHALABY (UNITED KINGDOM)
29193  CALCANEO-STOP FOR TREATMENT OF FLEXIBLE PES PLANOVALGUS IN CHILDREN
Vera RESENDE, M GOMES, Nuno TAVARES, António TORRES, Artur NETO, José BESSA DA SILVA (PORTUGAL)

29439  MINIMUM INVASIVE DYNAMIC SURGICAL CORRECTION OF PLANOVALGUS DEFORMITY IN YOUNG PATIENTS
Vladimir LASHKOVSKI, Alexander BELEZKI (BELARUS)

27757  MANAGEMENT OF THE STIFF EQUINO-CAVO-VARUS DEFORMITY WITH THE V-OSTEOTOMY AND THE THE ILIZAROV FRAME
Hisham SHALABY (UNITED KINGDOM)

29571  OSTEOCHONDRAL LESIONS OF THE TALUS WITH LARGE SUBCHONDRAL CYST TREATED BY AUTOLOGOUS OSTEO-PERIOSTEAL GRAFT TRANSPLANTATION
Qinwei GUO, Yuelin HU (CHINA)

28564  LOCAL TOURNIQUET PAIN CONTROL IN FOREFOOT SURGERY: A RANDOMIZED STUDY
Alon BURG, Yehezkel TYTIUN, Stiven VELKES, Barak HAVIV, Snir HELLER, Israel DUDKIEWICZ (ISRAEL)

14:00 - 15:30  Free Papers

Foot & Ankle - Miscellaneous II

Moderators:
Mohamed FOUAD (UNITED ARAB EMIRATES)

28090  RADIOLOGIC CHANGE OF ANKLE JOINT AFTER TOTAL KNEE ARTHROPLASTY
Bi O JEONG, Dong Beom HEO (KOREA SOUTH)

27534  TREATMENT OF CONGENITAL AND ACQUIRED FOOT DEFORMITIES WITH EXTERNAL FIXATION.
Ghassan SALAMEH, Michael SCHMIDT (SYRIA), (GERMANY)

28793  APPLICATION OF ILIZAROV APPARATUS FOR OPERATIVE TREATMENT OF PATIENTS WITH POSTTRAUMATIC FOOT DEFORMITIES
Andrey NERETIN, Gennady IVANOV (RUSSIA)

28765  ADDITIVE CORRECTIVE TRIPLE ARTHRODESIS WITH ALLOGENIC BONE GRAFTING THROUGH A SINGLE LATERAL INCISION.
Gareth TURNBULL, Jonathan COWIE, Nicholas OHLY, Steffen BREUSCH (UNITED KINGDOM)

29337  BIOTENODESIS SCREW FOR FIXATION OF FDL TRANSFER IN THE TREATMENT OF ADULT ACQUIRED FLATFOOT DEFORMITY – AN INNOVATIVE AND PROMISING TENDON FIXATION
Stefan HOFSTAETTER, Christoph CHARWAT, Gerald PASS, Rudolf PUCHNER, Clemens TRIEB (AUSTRIA)

27282  EFFICACY OF STEROID INJECTIONS IN TREATING MORTON'S NEUROMA
Sivaraman BALASUBRAMANIAM, Devendra MAHADEVAN, Melwyn PEREIRA (UNITED KINGDOM)

29609  HISTOPATHOLOGICAL CONSIDERATION FOR THE PERONEAL SPASM IN TARSAL COALITION
Tsukasa KUMAI, Ichiro HIGASHIYAMA, Yasushi SHINOHARA, Yasuhito TANAKA, Yoshinori TAKAKURA (JAPAN)

28965  PLANTAR PRESSURE DURING WALKING IN SUBJECTS AFTER SURGICAL REPAIR OF ACHILLES TENDON RUPTURES.
Jun SASAHARA, Masato TAKAO, Tsutomu KURATA, Yasuko HIROTA, Atsushi KOGUCHI, Yasuhito SAMEJIMA, Kenji OGURO, Takashi MATSUSHITA (JAPAN)
29407  INFLUENCE OF LATERALLY WEDGED FOOT ORTHOSES ON PLANTAR LOAD DISTRIBUTION: A COMPARISON STUDY  
David ZACHHUBER, Stefan HOFSTÄTTER, Klemens TRIEB (AUSTRIA)

28370  TREATMENT OF THE FLEXIBLE FLATFOOT IN CHILDREN WITH THE MODIFIED CALCANEO-STOP METHOD WITH BONESTAR® IMPLANT  
Sandor ROTH (CROATIA)

16:30 - 18:00  Free Papers

Trauma - Foot & Distal Radius

Moderators:  
Gamal Ahmed HOSNY (EGYPT) & Vilmos VECSEI (AUSTRIA)

27709  A SURVEY ON ANKLE FRACTURES Â– 1½ BASIS FOR IMPROVING SERVICE EFFICIENCY  
Steven KAHANE, Devendra MAHADEVAN, Djalil BAIOU (UNITED KINGDOM)

28282  FUNCTIONAL OUTCOME AFTER LOCKING PLATE FIXATION FOR DISPLACED INTRA-ARTICULAR FRACTURES OF CALCANEUM  
Prabhat Kumar SINGH, Mrinal SHARMA, Yatinder KHARBANDA (INDIA)

29106  PERCUTANEOUS FIXATION OF DISPLACED INTRAARTICULAR CALCANEUM FRACTURES- THE NEW WAY?  
Vivek TRIKHA (INDIA)

29380  MANAGEMENT OF HIGH ENERGY CALCANEAL FRACTURES AND HINDFOOT INJURIES IN THE MILITARY POPULATION  
John DABIS, Karanjit MANGAT, Al MOUNTAIN, Seyed ALI (UNITED KINGDOM)

27109  INTRA-ARTICULAR JOINT DEPRESSED CALCANEUM FRACTURES TREATED BY PLATING- A STUDY OF 30 CASES BY ONLY LATERAL APPROACH.  
Shreenath KULKARNI, Sunil KULKARNI, Govind KULKARNI, Milind KULKARNI, Ruta KULKARNI (INDIA)

28747  DISPLACED INTRA-ARTICULAR FRACTURES OF THE CALCANEUS IN ADULT PATIENTS: IS IT WORTH TO OPERATE?  
Andrey VOLNA, Edgar MATTIS, Nicolay ZAGORODNIY, Timofey LANTUKH, Vladimir DIRIN, Michael PANIN (RUSSIA)

28958  ARE FOOT INJURIES NEGLECTED EVEN TODAY? A ONE YEAR PROSPECTIVE STUDY  
Manuj JAIN, Mandeep DHILLON, Rajendra KANOJIA (INDIA)

29242  MINIMALLY INVASIVE TECHNIQUE FOR CLOSED REDUCTION AND FIXATION OF THE TARSOMETATARSAL JOINT COMPLEX (LISFRANC) INJURIES  
Saleh ALHARBY (SAUDI ARABIA)

28839  RESULTS OF LOCKED FLEXIBLE INTRAMEDULLARY NAILING OF METACARPAL FRACTURES- A CASE SERIES  
Venkatachalam SANTOSH, Harrison JOHN (UNITED KINGDOM)
### Free Papers

#### 08:00 - 09:30

**Biomaterials**

**Moderators:**
Milan HANDL (CZECH REPUBLIC) & Kelvin YEUNG (HONG KONG)

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<td>USE OF BIPHASIC CALCIUM PHOSPHATE CERAMIC AS BONE GRAFT SUBSTITUTES</td>
<td>Kanniraj MARIMUTHU, Anil KUMAR, Mahesh Chand BANSAL, Chandra Sekhar SHARMA, Rakesh BHARGAVA, Sushil Subash RANGDAL (INDIA)</td>
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<td>30215</td>
<td>HYDROXYAPATITE BIOACTIVE GLASS CERAMIC COMPOSITE (CHITRA-HABG) FOR ILIAC CREST RECONSTRUCTION.</td>
<td>Narayana ACHARYA, Venugopal MENON, Renjit KUMAR, Harikrishna VARMA (INDIA)</td>
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<td>28227</td>
<td>THE ROLE OF COMPOSITE BONE GRAFT IN PLACE OF AUTOGRRAFTS IN BRIDGING BONE DEFECTS</td>
<td>Tanveer Singh BHUTANI, Samar BISWAS (INDIA)</td>
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<td>28853</td>
<td>EVALUATION OF BIODEGRADABLE IMPLANTS FOR FIXATION OF INTRA-ARTICULAR ELBOW FRACTURES IN CHILDREN: A RECENT EXPERIENCE IN 32 PATIENTS WITH TWO YEAR MINIMUM FOLLOW UP</td>
<td>Sushil RANGDAL, Narendra JOSHI, Vikas BACCHAL, Uttam SAINI, Daljit SINGH, Mandeep Singh DHILLON (INDIA)</td>
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<td>NOVEL ELASTIC TITANIUM FILLER FOR OSTEO-CHONDRAL DEFECT</td>
<td>Chiaki HAMANISHI, Ichiro TSUKAMOTO, Akira SHIBATA (JAPAN)</td>
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<td>A NOVEL POLYCARBONATE-URETHANE MENISCAL IMPLANT: A FUNCTIONAL EVALUATION OF SIZING</td>
<td>Ron ARBEL, Jonathan ELSNER, Vincenzo CONDELLO, Claudio ZORZI, Elliott HERSHMAN, Avi SHTERLING, Eran LINDEER-GANZ (ISRAEL), (ITALY), (UNITED STATES)</td>
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<td>28917</td>
<td>LONG-TERM CLINICAL AND RADIOLOGICAL FOLLOW-UP OF COLLAGEN MENISCAL IMPLANTS.</td>
<td>Thomas TAMPERE, Peter VERDONK, Jaap VAN DER MAAS, Fredrik ALMQVIST, Verdonk RENE (BELGIUM)</td>
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<td>28106</td>
<td>BIOFUNCTIONALITY ENHANCEMENT OF POLYETHERETHERKETONE (PEEK) BY PLASMA SURFACE TREATMENT</td>
<td>Kelvin YEUNG, S LUI, Paul CHU, Keith LUK, Kenneth CHEUNG (HONG KONG)</td>
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#### 10:30 - 12:00

**Research - Clinical II**

**Moderators:**
Jean-Yves JENNY (FRANCE) & Keith Dip-Kei LUK (HONG KONG)

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<td>30214</td>
<td>DO WE NEED RADIOLOGICAL GUIDANCE FOR INTRA ARTICULAR HIP INJECTIONS?</td>
<td>Jagwant SINGH, Simran MARWAH, Dina Ki TANNOUS, Gareth WELLS, Raghu RAMAN, Hemant SHARMA (UNITED KINGDOM)</td>
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EFFECT OF FEMOROACETABULAR IMPINGEMENT AND OFFSET DECREASE ON GAIT PATTERN IN THE FOLLOW UP AFTER SLIPPED CAPITAL FEMORAL EPIPHYSIS

Ruediger KRAUSPE, Christoph ZILKENS, Dietmar ROSENTHAL, Sarah PEZARO, Marcus JÄGER, Bernd BITTERSOHL, Bettina WESTHOFF (GERMANY)

INTRA-OPERATIVE REGISTRATION OF THE KNEE KINEMATIC DURING TOTAL KNEE REPLACEMENT

Jean-Yves JENNY, Lionel WASSER (FRANCE)

PRESENCE AND LOCATION OF OSTEOPHYTE FORMATION ON MAGNETIC RESONANCE IMAGING IN EARLY STAGE OF KNEE OSTEOARTHRITIS-DATA FROM THE OSTEOARTHRITIS INITIATIVE(OAI)

Masahiko SAITO, Takahisa SASHOU, Sathoshi YAMAGUCHI, Naoshi IKEGAWA, Ryuichirou AKAGI, Yuuta MURAMATSU, Shunsuke MUKOYAMA (JAPAN)

LONG-TERM CLINICAL AND RADIOLOGICAL FOLLOW-UP OF Viable MENISCAL ALLOGRAFTS.

Thomas TAMPERE, Peter VERDONK, Jaap VAN DER MAAS, Fredrik ALMQVIST, Rene VERDONK (BELGIUM)

DYNAMIC QUANTIFICATION OF FEMORO- TIBIAL ROTATION IN POSTEROLATERAL BUNDLE INSUFFICIENCY: A CADAVER STUDY

Philipp AHRENS, Stephan LORENZ, Stefan HINTERWIMMER, Andreas IMHOFF, Chlodwig KIRCHHOFF (GERMANY)

THE ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION WITH THE PERONEUS LONGUS TENDON: A CLINICAL STUDY WITH THE DONOR SITE MORBIDITY ASSESSMENT AT THE FOOT AND ANKLE.

Chayanin ANGTHONG, Bancha CHERNCHUJIT (THAILAND)

THE EFFECT OF INTACT FIBULA IN DIAPHYSEAL TIBIA FRACTURES FIXED WITH INTRAMEDULLARY NAILS UNDER DIFFERENT LOCKING CONDITIONS – A CADAVERIC STUDY

John GALBRAITH, Hannah DAILEY, Charles DALY, Michael CRONIN, James HARTY (IRELAND)

PATHOGENIC LEVEL ESTIMATION OF CERVICAL MYELOPATHY BASED ON DIFFUSION TENSOR IMAGING

Keith D.K. LUK, Jiao Long CUI, Chun Yi WEN, Yong HU (HONG KONG)

14:00 - 15:30

Symposium

Hip Arthroscopy

Moderators:
Vikas KHANDUJA (UNITED KINGDOM)

HISTORY OF ARTHROSCOPIC SURGERY OF THE HIP
Richard FIELD (UNITED KINGDOM)

GAINING ACCESS TO THE CENTRAL AND PERIPHERAL COMPARTMENTS OF THE HIP
Vikas KHANDUJA (UNITED KINGDOM)

ARTHROSCOPIC ANATOMY OF THE HIP JOINT
Tom LUDVIGSEN (NORWAY)

INDICATIONS FOR ARTHROSCOPIC SURGERY OF THE HIP
Tony ANDRADE (UNITED KINGDOM)

PATHOANATOMY AND ARTHROSCOPIC MANAGEMENT OF FEMOROACETABULAR IMPINGEMENT
Michael LEUNIG (SWITZERLAND)

ARTHROSCOPIC MANAGEMENT OF ARTICULAR CARTILAGE LESIONS IN THE HIP
Andrea FONTANA (ITALY)
EXTRA-ARTICULAR HIP ENDOSCOPY
Emmanuel AUDENAERT (BELGIUM)

ARTHROSCOPIC MANAGEMENT OF INSTABILITY OF THE HIP
Ernest SChILDERS (UNITED KINGDOM)

LEARNING CURVE FOR ARTHROSCOPIC SURGERY OF THE HIP
Fares HADDAD (UNITED KINGDOM)

REHABILITATION FOLLOWING ARTHROSCOPIC SURGERY OF THE HIP
Richard FIELD (UNITED KINGDOM)

COMPLICATIONS FOLLOWING ARTHROSCOPIC SURGERY OF THE HIP
Athanasios PAPAVASILIOU (GREECE)

DISCUSSION
Vikas KHANuJA (UNITED KINGDOM)

16:30 - 18:00

Free Papers

Research - Cells

Moderators:
Vojtech HAVLAS (CZECH REPUBLIC) & Kazu MATSUMOTO (JAPAN)

29987 A STUDY ON OBSERVATIONS OF IRAK-M IN MACROPHAGES AROUND PROSTHESIS WITH ASEPTIC AND SEPTIC LOOSENING AFTER JOINT ARTHROPLASTY
PuYi SHENG, Yangchun ZHANG (CHINA)

28148 DOES DYNAMIC BLUNT IMPACT TESTING, HISTOPATHOLOGY AND VISUAL MACROSCOPIC ASSESSMENT CORRELATE IN HUMAN OSTEOARTHRITIC CARTILAGE?
Petr KOS1, Ferdinand VARGA1, Milan HANDL1, Jakub KAUTZNER1, VaClav CHUDACEK1, Milan DRZIK1, Ctibor POVYSIL1, Tomas TRC1, Evzen AMLER1
1(CZECH REPUBLIC), 2(SLOVAKIA)

29460 CHONDROGENIC POTENTIAL OF HUMAN BONE MARROW AND ADIPOSE TISSUE DERIVED MESENCHYMAL STEM CELLS
Vojtech HAVLAS, Tomas TRC, Petr LESNY, Pavla JENDELOVA, Eva SYKOVA (CZECH REPUBLIC)

29643 EXPRESSION OF VASCULAR ENDO THELIAL GROWTH FACTOR AND MATRIX METALLOPROTEINASE-1 IN BONE SARCOMAS
Shishir RASTOGI, Ramakant KUMAR, Shah KHAN, Himanshu GUPTA, Ravi MITTAL (INDIA)

29379 USE OF AUTOLOGICAL MESENCHYMAL STEM CELLS (MSC), AUTOLOGICAL FIBROBLASTS AND AUTOLOGICAL PLAZMA RICH IN GROWTH FACTORS (PRGF) AT TREATMENT OF DEGENERATIVE DAMAGES OF TENDONS (EXPERIMENTAL RESEARCH). ALEXANDR KOSTRUB, ROMAN BLONSKYI Oleksandr KOSTRUB, Roman BLONSKYI, Ivan ZASADNYUK, Volodymyr ZAETS (UKRAINE)

29084 INTRALESIONAL AUTOLOGOUS BONE MARROW STEM CELL INJECTION IN AVASCULAR NECROSIS OF FEMORAL HEAD AND EVALUATION OF OUTCOME USING MRI,PET SCAN AND BONE SCAN A PRELIMINARY STUDY
Shishir RASTOGI, Sukesh Rao SANKINEANI, H.L. NAG (INDIA)

28901 TREATMENT OF OSTEOENECROSIS OF THE FEMORAL HEAD WITH A STEM CELL LOADED SCAFFOLD IN A SHEEP MODEL.
Roberto VÉLEZ (SPAIN)

29243 THE OPPORTUNITIES OF REPARATIVE AND DISTRACTION OSTEOGENESIS OPTIMIZATION IN AUTOLOGOUS MESENCHYMAL STEM CELLS TRANSPLANTATION – THE ANALYSIS AT 5 YEARS

29085 Use of a stem cell loaded scaffold in a sheep model.
FOLLOW-UP PERIOD.
Elena A. SHCHEPKINA, Leonid N. SOLOMIN, Andrei J. ZARITSKY, Dmitiy G. POLYNTZEV, Rashid M. TIKHILOV (RUSSIA)

29326 RESVERATROL SUPPRESSES MMP-1, -3, AND -9 PRODUCTIONS AS WELL AS RANKL EXPRESSION IN RHEUMATOID ARTHRITIS (RA) FLS SUPERNATANT
Margherita BREISACH, Mathias GLEHR, Birgit LOHBERGER, Sonja WALZER, Beate RINNER, Alexander AVIAN, Reinhard WINDHAGER, Andreas LEITHNER (AUSTRIA)

Wednesday, 7 September 2011

Club D

08:00 - 09:30 Free Papers

Hand - Scaphoid & Wrist

Moderators:
Ian LESLIE (UNITED KINGDOM) & Frédéric A. SCHUIND (BELGIUM)

29013 COMPARISON OF THE POSTOPERATIVE COSTS OF VOLAR LOCKING PLATE AND K-WIRE FIXATION OF ISOLATED DISTAL RADIUS FRACTURE IN ADULTS
Andy RIDDICK, Ben HICKEY (UNITED KINGDOM)

26986 FACTORS PREDICTING LATE COLLAPSE OF FRACTURES OF THE DISTAL RADIAL NERITAN MYDERRIZI (ALBANIA)

29414 ULNA SHORTENING
Rajesh KAKWANI¹, Lisa TOURRET², Alan STIRRAT², Les IRWIN²¹ (UNITED STATES), ² (UNITED KINGDOM)

29623 EARLY RESULTS OF A RECENTLY INTRODUCED IMPLANT FOR SCAPHOID FRACTURE FIXATION: 3.0 HEADLESS COMPRESSION SCREW
Kiran SINGISETTI, Alan MIDDLETON (UNITED KINGDOM)

29262 SHORT TERM OUTCOMES OF TRAPEZIECTOMY VERSUS PYROCARBON INTERPOSITION IMPLANT (PI2) ARTHROPLASTY FOR THUMB CARPALMETACARPAL OSTEOARTHRITIS- PRELIMINARY RESULTS.
Prithee JETTOO, M MARU, L TOURRET, L IRWIN, M JONES (UNITED KINGDOM)

28255 PROSPECTIVE COHORT STUDY OF 50 TRAPEZIOMETACARPAL JOINT REPLACEMENTS WITH THE ROSELAND PROSTHESIS AFTER VITAMIN C PROPHYLAXIS
Paul ZOLLINGER, Wim TUINEBREIJER, Maarten ELLIS, Halil UNAL (NETHERLANDS)

28932 A BIOMECHANICAL STUDY ON VARIATION OF COMPRESSIVE FORCE ALONG THE ACUTRAK 2 SCREW.
Hari KOVILAZHIKATHU SUGATHAN, Max KILPATRICK, Tom JOYCE, John HARRISON (UNITED KINGDOM)

29945 1. MEDIAOCCARPAL ARTHRODESIS BY SCREWS A “ ALLOWING EARLY FUNCTIONAL TREATMENT
Werner KNOPP, Mascha LANG (GERMANY)

29945 METHODS FOR CORRECTING THE LENGTH OF FINGERS
Vladimir ZAVARUKHIN, Alexey BAINDURASHVILI, Sergey GOYANA, Anton GOVOROV (RUSSIA)

10:30 - 12:00 Free Papers

Trauma - Distal Radius
28346 EARLY RESULTS OF A VARIABLE-ANGLE VOLAR LOCKING PLATE FOR DISTAL RADIUS FRACTURES: A BI-CENTRE STUDY
Nikolas JAGODZINSKI, Talvinder SINGH, Rory NORRIS, Jonathan JONES, Dominic POWER (UNITED KINGDOM)

28331 ROLE OF INJECTABLE BONE GRAFT SUBSTITUTE IN FUNCTIONAL OUTCOME OF DISTAL RADIUS FRACTURES
Sumit BATRA, Somen AGRAWAL, Vinod SHARMA (INDIA)

28309 CLINICAL PROGRESSION OF PATIENTS IN THE FIRST YEAR TREATED WITH VOLAR LOCKING PLATE FIXATION
Santosh BALIGA, Alan JOHNSTONE, Carol CARNEGIE (UNITED KINGDOM)

29726 OPERATIVE TREATMENT OF 23A3, 23C FRACTURES WITH A VOLAR LOCKING PLATE - RESULTS AFTER THREE YEARS
Mihail RASHKOV, Dian ENCHEV, Nikolay TIVCHEV (BULGARIA)

29121 TREATMENT OF COMMINUTED INTRAARTICULAR FRACTURES OF THE DISTAL END RADIUS BY HINGED EXTERNAL FIXATOR.
Waleed ARAFAT, Nehad EL MAHBOUB (EGYPT)

28726 PRELIMINARY PROSPECTIVE REVIEW OF PATIENTS WITH DISTAL RADIAL VOLAR DISplaced FRACTURE TREATMENT WITH –A MINI-OPEN TECHNIQUE-
Sanjib Kumar BEHERA, Satyanarayana DASARI.S, Ramesh Reddy BHEEMIDI (INDIA)

28448 PERCUTANEOUS KIRSCHNER WIRES VERSUS LOCKED VOLAR PLATING IN UNSTABLE EXTRA-ARTICULAR DISTAL RADIUS FRACTURES.
Christian ALLENDE, Ezequiel CATA (ARGENTINA)

27816 EVALUATION AND COMPARISON OF RADIOLOGICAL AND FUNCTIONAL OUTCOME IN EXTRA-ARTICULAR FRACTURES OF LOWER END RADIUS TREATED CONSERVATIVELY WITH RESPECT TO ITS POSITION OF IMMBOLIZATION
Saurabh JAIN (INDIA)

29543 OUTCOME ASSESSMENT FOLLOWING DISTAL RADIUS FRACTURES
Frankie LEUNG, Grace YUEN, Tak Wing LAU (HONG KONG)

14:00 - 15:30 Free Papers

Hand - Soft Tissues

Moderators:
Ivan BUTKOVIC (SERBIA) & PILNY (CZECH REPUBLIC)

28307 DO OLDER PATIENTS BENEFIT FROM VOLAR LOCKING PLATE FIXATION FOR DISTAL RADIUS FRACTURES
Santosh BALIGA, Alan JOHNSTONE, Carol CARNEGIE (UNITED KINGDOM)

28439 FUNCTIONAL OUTCOME OF ENDOSCOPIC RELEASE AMONG PATIENTS WITH CARPAL TUNNEL SYNDROME BETWEEN 2005 TO 2009
Joyce GARCIA (PHILIPPINES)

28274 A PROSPECTIVE AUDIT OF PATIENT SATISFACTION WITH THE COMPONENT PARTS OF CARPAL TUNNEL DECOMPRESSION
Amit BIDWAI, Harry BENJAMIN-LAING, Debbie SHAW, Tony JONES, Daniel BROWN (UNITED KINGDOM)
29950  ISOLATED TUBERCULOSIS TENOSYNOVITIS- A CASE SERIES
Gaurav SHARMA, Manish CHADHA (INDIA)

29138  FLEXOR SLIDE PROCEDURE AS TREATMENT OF SEVERE CONTRACTURE OF THE FLEXORS OF THE WRIST AND FINGERS IN TRAUMATIC HEMIPLEGIA
Georgios PAPADOPoulos, Ioannis KANAKAKIS, Harilaos SAKELLARIDES (GREECE)

29684  HAND BONES TUMOURS COMPLEX TREATMENT WITH USE OF THE ILIZAROV METHOD
Evgeniy VARGANOV (RUSSIA)

29742  THE USE OF ILIZAROV FIXATOR FOR TREATMENT OF PATIENT WITH DEFECTS OF HAND BONES
Evgeniy VARGANOV, Artem CHUBAKOV (RUSSIA)

29418  HYPERTRrophic GRANULOMA FORMATION FOLLOWING THE USE OF FLEXIGLIDE FOR MEDIAN NERVE PROTECTION IN RECURRENT CARPAL TUNNEL SYNDROME
Rajeshkumar KAKWANI, Irwin LES (UNITED KINGDOM)

30037  TREATING UNSTABLE DISTAL RADIUS FRACTURES WITH VOLAR LOCKING PLATE- FUNCTIONAL AND RADIOLOGICAL OUTCOMES.
Hala KANONA, Sitaram GIRI, Krishnaiya KATAM, Paresh SONSale (UNITED KINGDOM)

16:30 - 18:00  Free Papers

Hand - Miscellaneous

Moderators:
Alexey DOLGOPOLOV (UKRAINE)

29691  INTERPRETATION OF NORMAL HAND AND WRIST RADIOGRAPHS BY EMERGENCY ROOM AND ORTHOPAEDIC CLINICIANS
Ahsan AKHTAR, James DAVENPORT, Chris GEORGE, Simon PLATT (UNITED KINGDOM)

29436  PREOPERATIVE COMPUTERIZED MODELING IN SURGICAL TREATMENT OF WRIST PATHOLOGIES
Alexey VOLOTOSVIII, Evgenii MIKHNOVICH, Alexander MARTINOVICH (BELARUS)

28707  APPLICATION OF MRI IN EARLY DIAGNOSIS AND MEDICAL MANAGEMENT OF WRIST TUBERCULOSIS
Shwetabh RAI, Mathew VARGHESE, Balu SANKARAN (INDIA)

29949  RECONSTRUCTION OF DEFECTS BONES OF UPPER EXTREMITY USING VASCULARIZED DIFFERENT BONES GRAFT IN CHILDREN.
Anton GOVOROV, Sergey GOLYANA, Vladimir ZAVARUKHIN, Anatoly ORESHKOV (RUSSIA)

30245  FREE AND CONSTRAINED MUSCLE GRAFTING IN PATIENTS WITH SEVERE ISCHEMIC HAND CONTRACTURE
Alexey DOLGOPOLOV, Igor KURENNOY, Sergey STRAFUN (UKRAINE)

29039  AMPUTATION OF THUMB IS A VERY SEvere DISABILITY
Giorgio BRUNELLI (ITALY)

29979  DIABETIC HAND PROBLEMS
Wing-Yuk IP, Amil JALIL (HONG KONG)
Wednesday, 7 September 2011

Club E

08:00 - 09:30  Instructional Course

Natural Disasters & Mass Casualties

Moderator:
Nicolaj WOLFSON (UNITED STATES)

INTRODUCTION
Nicolaj WOLFSON (UNITED STATES)

JAPAN, 2011
Taikoh DOHJIMA (JAPAN)

ORTHOPAEDIC INJURIES DURING NATURAL DISASTERS & MASS CASUALTIES: OVERVIEW
Nicolaj WOLFSON (UNITED STATES)

TRIAGE: ORTHOPAEDIC PROSPECTIVE
Moshe MICHAELSON (ISRAEL)

INITIAL STABILIZATION: SPLINT, ETERNAL FIXATION?
Arshak MIRZOYAN (ARMENIA)

CRUSH INJURIES
Bharat KUMAR (INDIA)

AMPUTATION
S. A. SARAVANAN (RUSSIA)

LIMB SALVAGE
Alexander LERNER (ISRAEL)

Q & A

10:30 - 12:00  Symposium

DGU: Trauma Prevention - Road Traffic Accidents

Moderators:
Günter LOB (GERMANY) & Carl HAASPER (GERMANY)

THE TRAUMA NETWORK OF THE GERMAN TRAUMA SOCIETY (DGU) – NATIONAL AND INTERNATIONAL REGIONALISATION OF THE TREATMENT OF THE SEVERELY INJURED
Steffen RUCHHOLTZ (GERMANY)

AUTOMATED CRASH NOTIFIERS: IS THERE EVIDENCE TO IMPROVE SURVIVAL NOT ONLY IN INDUSTRIALIZED COUNTRIES?
Oliver PIESKE (GERMANY)

THINKAUTO - INDO-GERMAN INITIATIVE DEDICATED TO URBAN ROAD SAFETY
Uli SCHMUCKER (GERMANY)

THE UNITED NATIONS IN ACTION: A DECADE DEDICATED TO REDUCE ROAD TRAFFIC INJURY 2011-2020
Marcos MUSAFIR (BRAZIL)

**BICYCLE HELMETS – NEED FOR A EUROPEAN HELMET LEGISLATION JUSTIFIED BY THE MÜNSTER BICYCLISTS STUDY?**
Christian JUHRA (GERMANY)

**ATV RIDING IN GERMANY: LIVE ENDANGERING FUN?!**
Carl HAASPER, Christian W MÜLLER, Christian KRETTEK (GERMANY)

### Free Papers

**Road Trauma**

**Moderators:** Günter LOB (GERMANY) & Marcos MUSAFIR (BRAZIL)

**29060 ENDOOSOPYCALLY-ASSISTED RAISING OF THORACODORSAL FREE FLAPS**
Andrey SEREDA, Andrey GRITSYUK, Lyubov GAUER (RUSSIA)

**28493 COMPARISON OF SURGICAL TRAINING BETWEEN SOUTH AFRICA AND THE UK**
David BARLOW¹, Robert DACHS²
¹(UNITED KINGDOM), ²(SOUTH AFRICA)

**29695 TRAUMA PATTERN & IMPACT OF EARLY REHABILITATION, AN EXPERIENCE OF KASHMIR (INDIA) EARTHQUAKE**
Sanjay KESHKAR (INDIA)

**29993 SAHER TECHNOLOGY'S EFFECT ON INJURY SEVERITY SCORE (ISS) AMONG NGHA POPULATION**
Abeer ALZAILAI, Sara FADIL, Nayeef DAJIM, S ALTHUKAIR, Fayez ALMODHEN, Abdulaziz BIN AHMED (SAUDI ARABIA)

**29978 DEVELOPING COUNTRIES NEED MOTOR CYCLE SAFETY STANDARDS**
Chandana KARUNATHILAKA, Narendra PINTO (SRI LANKA)

**29850 IS DRIVING SAFE WITH UPPER LIMB PLASTER CASTS?**
Ozkan KOSE, Mustafa CELIKTAS, Mahmut TAS, Serkan GURCAN, Onur COSKUN (TURKEY)

**29419 THE EFFECT OF KNEE / ANKLE IMMOBILISATION ON BRAKE REACTION TIME**
Rajeshkumar KAKWANI, A WATON, N COOKE, D KOK, H MIDDLETON, Litchfield D, Les IRWIN (UNITED KINGDOM)

**30003 RSA EVALUATION OF AN IMPLANT SYSTEM FOR ABOVE THE KNEE AMPUTEE PATIENTS**
Henrik MALCHAU¹, Charles BRAGDON¹, Audrey NEBERGALL¹, Anne ANTONELLIS¹, Johan KÄRRHOLM², Rickard BRANEMARK², Orjan BERLIN²
¹(UNITED STATES), ²(SWEDEN)

### Symposium

**Natural Disasters - Amputation: When, How and After**

**Moderator:** Maurice HINSENKAMP (BELGIUM)

**AMPUTATION IN EMERGENCY, INDICATIONS, TECHNIQUES, THE MSF EXPERIENCE**
Patrick HERARD (FRANCE)

**AMPUTATION IN NATURAL DISASTERS AND MASS CASUALTIES: STAGED APPROACH**
Nikolaj WOLFSON (UNITED STATES)
AMPUTATION: HOW TO FACE CHALLENGING PROBLEMS IN A PRECARIOUS ENVIRONMENT
Sylvain RIGAL (FRANCE)

AMPUTATION IN NATURAL DISASTER IN PAKISTAN
Syed AWAIS (PAKISTAN)

REHABILITATION: FROM PREOPERATIVE PLANNING TO HOME
Didier DEMEY (BELGIUM)

Wednesday, 7 September 2011
Club H

08:00 - 08:45
Symposium
CAOS: Science

Moderators:
Frederic PICARD (UNITED KINGDOM)

WHY NAVIGATE? ENGINEER'S OPINION
Stéphane LAVALLÉE (FRANCE)

WHY NAVIGATE? SURGEON'S OPINION
Frédéric PICARD (UNITED KINGDOM)

CURRENT STATE OF THE ART
Jörg LÜTZNER (GERMANY)

08:45 - 09:30
Symposium
CAOS: Clinical applications in knee replacement

Moderators:
J. JANACEK (CZECH REPUBLIC)

TOTAL KNEE REPLACEMENT (1)
Frank LAMPE (GERMANY)

TOTAL KNEE REPLACEMENT (2)
Eric STINDEL (FRANCE)

REVISION TOTAL KNEE REPLACEMENT
Friedrich THIELEMANN (GERMANY)

10:30 - 11:15
Symposium
CAOS: Clinical applications in other indications

Moderators:
Jean-Yves JENNY (FRANCE)

ANTERIOR CRUCIATE RECONSTRUCTION
Stéphane PLAWESKI (FRANCE)

TOTAL HIP REPLACEMENT
Hartmut KIEFER (GERMANY)
HIGH TIBIAL OSTEOTOMY
Dominique SARAGGLIA (FRANCE)
11:15 - 12:00 Symposium

**CAOS: Future**

**Moderators:**
Klaus RADERMACHER (GERMANY)

**SURGEON’S OPINION**
Eric STINDEL (FRANCE)

**ENGINEER’S OPINION**
Klaus RADERMACHER (GERMANY)

**NAVIGATION AS A LEARNING TOOL**
Jean-Yves JENNY (FRANCE)

14:00 - 15:30 Free Papers

**Navigation**

**Moderators:**
Mahmoud HAFEZ (EGYPT) & Nicolai ZAGORODNY (RUSSIA)

29672 **ROLE OF THE COMPUTER NAVIGATION IN ACHIEVING IDEAL MECHANICAL AXIS OF TKR**
Jakub KAUTZNER, Daniel RYBKA, Zdenek KOPECNY, Tomas TRC (CZECH REPUBLIC)

29416 **NAVIGATION SURGERY AS A UNIFYING ELEMENT TO OPTIMAL FINAL MECHANICAL AXIS IN KNEE REPLACEMENT AMONG NOVEL SURGEONS.**
Larrainzar-Garijo RICARDO (SPAIN)

29199 **ROTATIONAL ALIGNMENT OF DISTAL FEMUR IN COMPUTER ASSISTED TOTAL KNEE REPLACEMENT (TKR)**
Alessandro TODESCA, Jacques BEJUI HUGHES, Massimo PENNA, Marco CITI (ITALY)

30024 **COMPARISON OF FUNCTIONAL AND RADIOLOGICAL OUTCOMES AFTER COMPUTER-ASSISTED VERSUS CONVENTIONAL TOTAL KNEE ARTHROPLASTY: A MATCHED-CONTROL RETROSPECTIVE STUDY**
Nikolai ZAGORODNY, Nik WEYAL, Inar SEIDOV, Kyrillos HADJICHARALAMBOUS, Arnold FERNANDES, Vitaly LEVIN, Jeychun ISMAYLOV (RUSSIA)

28687 **COMPUTER ASSISTED TOTAL KNEE ARTHROPLASTY USING EM NAVIGATION, CASE SERIES OF INITIAL EXPERIENCE.**
Mahmoud M. ABDEL KARIM (EGYPT)

28692 **UNICOMPARTMENTAL KNEE ARTHROPLASTY (UKA) REVISIONE USING COMPUTER ASSISTED TECHNIQUE**
Alessandro TODESCA, Jacques BEJUI HUGHES (ITALY)

29953 **3D- BASED NAVIGATION AT INTERVENTIONS OF THE CERVICAL AND THORACIC SPINE- BENEFIT OR WASTE OF TIME- RESULTS OF 449 PLACED SCREWS**
Jan- Sven JARVERS, Sebastian KATSCHER, Alexander FRANCK, Stefan GLASMACHER, Christian SCHMIDT, Christoph JOSTEN (GERMANY)

27040 **ANATOMICAL TIBIAL AXIS DEFINITION FOR COMPUTER GUIDED ANKLE REPLACEMENT SURGERY**
Gavin BRIGSTOCKE, Matthew SOLAN (UNITED KINGDOM)

30168 **A NEW CLASSIFICATION SYSTEM FOR COMPUTER ASSISTED ORTHOPAEDIC SURGICAL TECHNIQUES**
Mahmoud HAFEZ (EGYPT)
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<td>Spine - Cervical</td>
<td>Moderators: Shanmuganathan RAJASEKARAN (INDIA) &amp; Joseph S. THAMBIH (SINGAPORE)</td>
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<td>27768</td>
<td>POSTERIOR OCCIPITOCERVICAL FUSION IN RHEUMATOID ARTHRITIS OF UPPER CERVICAL SPINE - ANALYSIS OF OUR RESULTS</td>
<td>Vinodh Kumar PANIRSELVAM, Hee HWAN TAK (SINGAPORE)</td>
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<td>29481</td>
<td>A PROSPECTIVE RANDOMIZED STUDY OF CLINICAL OUTCOMES IN ELDERLY PATIENTS WITH CERVICAL SPONDYLOTIC MYELOPATHY TREATED WITH TWO TYPES OF FRENCH-DOOR LAMINOPLASTY</td>
<td>Mamoru KAWAKAMI, Shinichi NAKAO, Daisuke FUKUI, Yoshio ENYIO (JAPAN)</td>
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<td>28463</td>
<td>CRANIOCERVICAL FLEXORS ENDURANCE TRAINING: TREATMENT APPROACH FOR CERVICAL SPONDYLOSIS</td>
<td>Shallu SHARMA (INDIA)</td>
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<td>27355</td>
<td>AN OBJECTIVE CASE CONTROLLED STUDY: DOES CERVICAL MUSCLE ADAPTATION IN MALE RUGBY PLAYERS AGED 13-18 OCCUR WHEN COMPARED TO AGE MATCHED CONTROLS?</td>
<td>James PEGRUM, Don GATHERER, Zoe HUDSON (UNITED KINGDOM)</td>
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<td>30026</td>
<td>A NOVEL TECHNIQUE FOR RESECTION AND STABILIZATION OF C2 DESTRUCTIVE LESIONS</td>
<td>Mohammad EL-SHARKAWI, Essam EL-SHERIF (EGYPT)</td>
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<td>29947</td>
<td>PROGNOSTIC VALUE OF SIGNAL INTENSITY CHANGE IN CERVICAL SPONDYLOTIC MYELOPATHY</td>
<td>S RAJASEKARAN, Ashwin AVADHANI, Ajoy P SHETTY (INDIA)</td>
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<td>30241</td>
<td>TREATMENT OF INJURES OF UPPER CERVICAL SPINE</td>
<td>Marcel VETRILE (RUSSIA)</td>
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Thursday, 8 September 2011

Forum Hall

08:00 - 09:30
Free Papers

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<td>Hip Resurfacing - Cemented THP</td>
<td>Antonio MORONI, Martha HOQUE, Giovanni MICERA, Riccardo ORSINI, Rajesh RAJULE (ITALY)</td>
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**Moderators:**
László BUCSI (HUNGARY) & James WADDELL (CANADA)

28794 HIP RESURFACING IN THE ELDERLY
Antonio MORONI, Martha HOQUE, Giovanni MICERA, Riccardo ORSINI, Rajesh RAJULE (ITALY)

27799 HIP RESURFACING. WHAT WE LEARNED AFTER OUR FIRST 486 CASES.
Manuel RIBAS, Carlomagno CÁRDENAS - NYLANDER, Rubén LEDESMA, Vittorio BELLOTTI, Enric CÁCERES, Oliver MARÍN (SPAIN)

28824 FEMORAL HEAD AVASCULAR NECROSIS CAN BE SUCCESSFULLY ADDRESSED WITH HIP RESURFACING
Antonio MORONI, Rajesh RAJULE, Martha HOQUE, Giovanni MICERA, Riccardo ORSINI (ITALY)

30187 LEARNED LESSONS IN OUR FIRST CONSECUTIVE 486 HIP RESURFACINGS
Manuel RIBAS, Rubén LEDESMA, Carlomagno CÁRDENAS, Vittorio BELLOTTI, Oliver MARÍN, Enric CÁCERES (SPAIN)

30234 INTRAMEDULLARY ASPIRATION OF THE ILIUM DURING CEMENTING OF THE SOCKET IN TOTAL HIP ARTHROPLASTY (THA) IMPROVED RADIOGRAPHIC APPEARANCE OF THE BONE-CEMENT INTERFACE
Kobayashi SENEKI (JAPAN)

28915 A BIOMECHANICAL COMPARISON OF EPIPHYSEAL VERSUS METAPHYSEAL FIXED CONSERVATIVE HIP ARTHROPLASTY
James WADDELL, Michael Olsen, Michael Sellan, Rad Zdero, Emil Schemitsch (Canada)

29484 ERADICATION OF NEGATIVE BONE REMODELLING USING THE CEMENTED C-STEM POLISHED TRIPLE TAPERED FEMORAL IMPLANT.
Ravi Badge, Amit Shah, Nargis Chaudhary, D S Sochart (United Kingdom)

30166 RADIOGRAPHIC ASSESSMENT OF CEMENTATION IN HIP HEMIARTHROPLASTY FOR TRAUMA
Roger Walton, David Melling, Andy Molloy (United Kingdom)

28736 CEMENTED POLISHED STEMS PRESERVE THE FEMUR IN YOUNG PATIENTS UNDERGOING PRIMARY HIP ARTHROPLASTY
Bogdan Solomon, Kerry Costi, Margaret MCGee, Angela Standen, Donald Howie (Australia)

10:30 - 12:00
Symposium

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<td>Modular Stem Prosthesis of the Hip</td>
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**Moderator:**
Tomas TRC (Czech Republic)

INTRODUCTION
Karl-Heinz Widmer (Switzerland)
SAFE "POSITIONING" IN HIP ARTHROPLASTY
Karl-Heinz WIDMER (SWITZERLAND)

ADVANTAGE OF MODULAR STEM
Ulrich DORN (GERMANY)

POSSIBILITIES OF MODULAR STEMS
Tomas TRC (CZECH REPUBLIC)

COMPLICATIONS
Frank RAUHUT (GERMANY)

DISCUSSION AND CONCLUSION
Karl-Heinz WIDMER¹, Ulrich DORN², Frank RAUHUT³
¹(SWITZERLAND), ²(AUSTRIA), ³(GERMANY)

Lecture / Free Papers

Hip - Minimally Invasive

Moderator:
Henri JUDET (FRANCE)

30269 MINI INVASIVE ANTERIOR APPROACH AND NAVIGATION IN HIP PROSTHESIS
Henri JUDET (FRANCE)

29431 FEMUR EXPOSURE IN DIRECT ANTERIOR APPROACH FOR TOTAL HIP ARTHROPLASTY:
CONTRIBUTION OF THE HIP JOINT CAPSULE AND SHORT EXTERNAL ROTATORS
Thomas RING, Michael JACOBS (UNITED STATES)

28452 A COMPARATIVE STUDY OF THE POSTEROLATERAL AND ANTEROLATERAL APPROACHES FOR
ISOLATED ACETABULAR REVISION
Youn-Soo PARK, Young-Wan MOON, Seung-Jae LIM, Min-Soo SHON (KOREA SOUTH)

28505 PROCESS OPTIMIZED, MINIMALLY INVASIVE TOTAL HIP REPLACEMENT - MAKING A ROUTINE
PROCEDURE MORE ECONOMICAL AND ERGONOMIC: A SINGLE-ARM, NON-RANDOMIZED
PROSPECTIVE STUDY
Philipp GEBEL (SWITZERLAND)

30229 COMPARISON OF CLINICAL AND RADIOGRAPHIC RESULTS OF DIRECT ANTERIOR MINIMALLY
INVASIVE TOTAL HIP ARTHROPLASTY IN OBESE AND NON-OBESE PATIENTS
Reinhard SCHUH¹, Marc HUNGERFORD²
¹(AUSTRIA), ²(UNITED STATES)

29072 THE NEW SL-PLUS-MIA-TIHA STEM - RESULTS AFTER 12 TO 24 MONTHS
Gerald PFLÜGER, Sabine JUNK-JANTSCH, Johannes BONOMO (AUSTRIA)

29070 RADIOLOGICAL ANALYSIS OF OSSEOINTEGRATION IN MIS-THA AND POSTOPERATIVE FULL
WEIGHT MOBILIZATION ON THE BASIS OF 200 TIHA-COATED AND UNCOATED SL-PLUS-MIA-
STEMS AFTER ONE YEAR.
Gerald PFLÜGER, Sabine JUNK-JANTSCH, Johannes BONOMO (AUSTRIA)

28461 BIOMECHANICAL AND RADIOLOGICAL ANALYSIS WITH A 4 YEAR CLINICAL OUTCOME OF SHORT
HIP STEM METHA WITH AN EXPERIENCE OF MORE THAN 750 IMPLANTATIONS
Andreas GRUNER, Karl-Dieter HELLER (GERMANY)

30149 EARLY DISCHARGE FOLLOWING PRIMARY TOTAL HIP ARTHROPLASTY BY MINIMALLY INVASIVE
TECHNIQUE – DISTRICT GENERAL HOSPITAL EXPERIENCE
Jagan Mohana Reddy VELPULA, Partha GAJULA, Anand SWAMINATHAN, Mahesh THIBIAH, N
16:30 - 18:00 Free Papers Hip - Bearing Surface

**Moderators:**
Henrik MALCHAU (UNITED STATES) & Laurent SEDEL (FRANCE)

**28643** A PROSPECTIVE RANDOMIZED CONTROLLED TRIAL COMPARING THREE ALTERNATIVE BEARING SURFACES IN PRIMARY TOTAL HIP ARTHROPLASTY
James WADDELL, Vassilios NIKOLAOU, Max EDWARDS, Earl BOGOCH, Emil SCHEMITSCH (CANADA)

**30009** TEN YEAR FOLLOW-UP OF HIGHLY CROSS-LINKED POLYETHYLENE LINERS IN TOTAL HIP ARTHROPLASTY
Henrik MALCHAU, Charles BRAGDON, Young-Min KWON, Andrew FREIBERG, Harry RUBASH (UNITED STATES)

**30016** MULTI-CENTER MINIMUM 5-YEAR WEAR ANALYSIS OF LARGE FEMORAL HEADS ON HIGHLY-CROSSLINKED POLYETHYLENE
Henrik MALCHAU, Charles BRAGDON, Michael DOERNER, John MARTELL, Paul LACHIEWICZ, Young-Min KWON (UNITED STATES)

**29110** THE EFFECT OF ACETABULAR INCLINATION ANGLE ON THE SURVIVORSHIP OF ALUMINA-CERAMIC ARTICULATIONS
Henning R. JOHANSSON¹, Michael G ZYWIEL², David R. MARKER², Michael A. MONT², Peter M. BONUTTI²
¹(GERMANY), ²(UNITED STATES)

**28438** LONG-TERM RESULTS OF TOTAL HIP ARTHROPLASTY WITH A SANDWICH TYPE ALUMINA-CERAMIC BEARING
Youn-Soo PARK, Young-Wan MOON, Seung-Jae LIM, Sang-Min KIM, Jae-Woo SHIM, Hyun-Seok YIM (KOREA SOUTH)

**29741** NAVIGATED BILATERAL MODULAR SHORT STEM THA
Hartmuth KIEFER, Bjoern LEDER (GERMANY)

**29373** PRIMARY TOTAL HIP ARTHROPLASTY WITH DURALOC CUP
Liang TIAN (CHINA)

**29977** A MINIMUM 8 YEAR FOLLOW-UP OF PRIMARY TOTAL HIP ARTHROPLASTY WITH A PROXIMALLY-COATED TAPERED TITANIUM FEMORAL STEM
Henrik MALCHAU, Young-Min KWON, Phillip GLASSNER, Charles BRAGDON, Michael DOERNER (UNITED STATES)

**29959** DOES RADIATION THERAPY IN CANCER PATIENTS INCREASE THE RISK OF RECEIVING A TOTAL HIP ARTHROPLASTY? A LINKAGE STUDY BETWEEN THE CANCER REGISTER OF NORWAY AND THE NORWEGIAN ARTHROPLASTY REGISTER.
Eva DYBVIK, Ove FURNES, Sophie Dorothea FOSSÅ, Stein Atle LIE (NORWAY)

**28610** IMPACATION BONE GRAFTING: COMPARISION OF TWO IMPACTION MODES
David PUTZER, Michael NOGLER, Eckart MAYR, Christian HAID, Andrea REINTHALER (AUSTRIA)
Thursday, 8 September 2011

Meeting Hall I

08:00 - 09:30
Instructional Course

Reverse Total Shoulder Arthroplasty

Moderator:
Christian GERBER (SWITZERLAND)

BIOMECHANICS AND INDICATIONS
Pierre HOFFMEYER (SWITZERLAND)

REVERSE TOTAL SHOULDER ARTHROPLASTY IN MASSIVE ROTATOR CUFF DISEASE
Marius SCARLAT (FRANCE)

REVERSE TOTAL SHOULDER ARTHROPLASTY FOR ACUTE FRACTURES
Frank GOHLKE (GERMANY)

REVERSE TOTAL SHOULDER ARTHROPLASTY FOR POSTTRAUMATIC SITUATIONS
Geraldo MOTTA (BRAZIL)

REVERSE TOTAL SHOULDER ARTHROPLASTY FOR FAILED ARTHROPLASTY
Christian GERBER (SWITZERLAND)

CASE PRESENTATION
Christian GERBER (SWITZERLAND)

10:30 - 12:00
Lecture / Free Papers

ESSE/SECEC - Shoulder I

Moderators:
Frank GOHLKE (GERMANY) & Geraldo MOTTA FILHO (BRAZIL)

30317 INDICATION AND LIMITS OF HUMERAL HEAD SURFACE REPLACEMENT
Frank GOHLKE (GERMANY)

29349 EARLY RESULTS OF EXTENDED ARTICULAR SURFACE COPELAND SURFACE REPLACEMENT FOR SHOULDER CUFF ARTHROPATHY.
Moez BALLAL, Andy ROCHE, Mark WEBB, Ian HARVEY (UNITED KINGDOM)

28929 HOW SAFE IS SHOULDER RESURFACING? INTRA OPERATIVE AND IMMEDIATE POSTOPERATIVE COMPLICATIONS
Vinay SINGH, Ravi TREDIAN, Vipul PATEL (UNITED KINGDOM)

29650 OUTCOME OF REVISION TOTAL SHOULDER REPLACEMENT AFTER FAILURE OF COPELAND SHOULDER RESURFACING
Anuj JAISWAL, Ron DODENHOFF, Stuart HAY, Cormac KELLY (UNITED KINGDOM)

29718 EARLY OUTCOMES OF PROXIMAL HUMERUS FRACTURES TREATED WITH REVERSE TOTAL SHOULDER ARTHROPLASTY.
Stipe KRAJINOVIĆ, Martin MAJEWSKI (SWITZERLAND)

28823 INFRAGLENOIDAL SCAPULAR NOTCHING IN REVERSE TOTAL SHOULDER REPLACEMENT: ANALYSIS OF 60 CASES AND SYSTEMATIC REVIEW OF THE LITERATURE
Patrick SADOIGHI, Andreas LEITHNER, Matthias GLEHR, Joerg FRIESENBICHLER, Gerald GRUBER,
Michael PECHMANN, Josef HOCHREITER, Georg WEBER (AUSTRIA)

29661 USE OF AN ECCENTRIC GLENOSPHERE IN REVERSE TOTAL SHOULDER ARTHROPLASTY: TWO YEARS MINIMUM FOLLOW-UP RESULTS
Carlo F. DE BIASE, Giontony DI GIORGIO, Marina ANGELONI, Claudio BARRESI (ITALY)

30285 LATISSIMUS DORSI AND TERES MAJOR TRANSFER FOR EXTERNAL ROTATION WITH REVERSE SHOULDER ARTHROPLASTY
Geraldo MOTA FILHO (BRAZIL)

14:00 - 15:30 Lecture / Free Papers

ESSSE/SECEC - Shoulder II

Moderators:
Ales PODSKUBKA (CZECH REPUBLIC) & Marius SCARLAT (FRANCE)

30320 LABRUM REPAIR FOR SHOULDER INSTABILITY: INDICATIONS, TECHNIQUE AND PITFALLS
Marius SCARLAT (FRANCE)

28359 COMPARISON BETWEEN BEACH CHAIR AND LATERAL DECUBITUS POSITION IN ARTHROSCOPIC SHOULDER STABILIZATION WITH SUTURE ANCHOR TECHNIQUE
Gregor MÖCKEL, Ulf KUHLEE, Theresa BLANKE, Karsten LABS (GERMANY)

27029 THE RELIABILITY OF MRI ARTHROGRAPHY IN THE IDENTIFICATION OF GLENOID LABRAL PATHOLOGY IN CLINICALLY UNSTABLE SHOULDERS
Sam JONAS, Michael WALTON, Partha SARANGI (UNITED KINGDOM)

28272 PREDICTION OF CORACOID WIDTH USING A GLENOID WIDTH BASED MODEL: IMPLICATIONS FOR BONE TRANSFER PROCEDURES IN ANTERIOR SHOULDER INSTABILITY.
Karin LJUNGUQUIST, Michael GRIESSER, Julie BISHOP (UNITED STATES)

29800 GLENOPLASTY FOR RECURRENT ANTERIOR DISLOCATION OF SHOULDER
Sudhir KUMAR, Surender Mohan TULI (INDIA)

28358 ARTHROSCOPIC STABILIZATION FOR TRAUMATIC ANTERIOR DISLOCATION OF THE SHOULDER: SUTURE ANCHOR FIXATION VERSUS KNOTLESS IMPLANT TECHNIQUE
Karsten LABS, Ulf KUHLEE, Theresa BLANKE (GERMANY)

30099 THE SUPINATION-ELBOW-EXTENSION-TEST FOR HYPERLAXITY AT THE SHOULDER
Christoph ZISKOVEN, Joern KIRCHER, Carolin BRUCKMANN, Thilo PATZER, Ruediger KRAUSPE (GERMANY)

28487 MODIFIEID L’EPISCOPO PROCEDURE FOR TREATMENT OF ERB’S PALSY
Munzir ODEH, Rabea ODEH (JORDAN)

29397 TENDON TRANSFER AROUND THE SHOULDER FOLLOWING PARALYSIS OF THE BRACHIAL PLEXUS
Georgios Gr. PAPADOPOULOS, Harilaos SAKELLARIDES (UNITED STATES)

16:30 - 18:00 Lecture / Free Papers

ESSSE/SECEC - Shoulder III

Moderators:
Christian GERBER (SWITZERLAND) & Osvandre LECH (BRAZIL)

30286 EVIDENCE-BASED COMPARISON BETWEEN OPEN AND ARTHROSCOPIC RESECTION OF THE DISTAL CLAVICLE
Osvandre LECH (BRAZIL)
OUTCOMES WITH COMBINED ARTHROSCOPIC ROTATOR CUFF REPAIR AND CAPSULAR RELEASE FOR PARTIAL-THICKNESS ROTATOR CUFF TEARS WITH SEVERE SHOULDER STIFFNESS
Hiroshi HASHIGUCHI, Satoshi IWASHITA, Kazufumi MINAMI, Hiromoto ITO (JAPAN)

THE EFFECT OF PLATELET-RICH-PLASMA ON ROTATOR CUFF TENDON HEALING
Onur HAPA, Husamettin CÄ‡AKICI, Raif OZDEN, Aysel KUKNER, Tulin FIRAT, Gokhan BAYSAL, Nazli SARKALKAN, Aydiner KALACI, Ahmet Nedim YANAT (TURKEY)

DEBRIDEMENT VERSUS LABRAL REPAIR IN FAI
Gregor MOECKEL, Karsten LABS (GERMANY)

EFFECTS OF SELECTIVE PARALYSIS OF THE SUPRASPINATUS MUSCLE WITH BOTULINUM TOXIN A IN ROTATOR CUFF HEALING IN RATS.
Andreas FICKLSCHERER, Matthias F. PIETSCHMANN, Markus SCHARF, Peter E. MÜLLER, Birte SIEVERS (GERMANY)

SHOULDER INSTABILITY AS A CAUSE OF ROTATOR CUFF IMPINGEMENT. AN ENTITY THAT SHOULD BE EMPHASIZED IN OVERHEAD ATHLETES.
Dimosthenis ALASEIRLIS, Eleftherios STEFAS, Antonios KOUZELIS, Christos PAPAGEORGIOU (GREECE)

ACUTE SUBSCAPULARIS CALCIFIC TENDONITIS MIMICKING SEPTIC ARTHRITIS DIAGNOSED AND MANAGED IN THE EMERGENCY DEPARTMENT UNDER ULTRASOUND GUIDANCE
John DABIS, Jonathan STEVENSON, Cormac KELLY (UNITED KINGDOM)

CALCIFIC TENDINOSIS OD SUPRASPINATUS TREATED BY RADIOFREQUENCY MICROTECTOMY
Vojtech HAVLAS, Tomas TRC (CZECH REPUBLIC)

Thursday, 8 September 2011
Meeting Hall IV

08:00 - 09:30

Guided TKA: Is it worth it?
Moderator:
Frederic PICARD (UNITED KINGDOM)

INTRODUCTION
Frederic PICARD (UNITED KINGDOM)

BASIC SCIENCES
Jean-Yves JENNY (FRANCE)

PUBLISHED EVIDENCE AND OUTCOME
Mahmoud HAFEZ (EGYPT)

BEST PRACTICE AND HOW TO DO IT
Alberto GREGORI (UNITED KINGDOM)

NEW TECHNOLOGY IN THE FIELD AND THE FUTURE OF NAVIGATION INCLUDING ALGORITHM FOR SOFT-TISSUE BALANCING
Jon CLARKE (UNITED KINGDOM)

TAKE HOME MESSAGE
10:30 - 12:00 Lecture / Free Papers

Knee - Long-Term Results

Moderators:
Seth GREENWALD (UNITED STATES) & Karel KOUDELA (CZECH REPUBLIC)

30268 PERFORMANCE CHARACTERISTICS OF MOBILE BEARING TKA
Seth GREENWALD (UNITED STATES)

28488 LONG TERM SURVIVORSHIP OF PFC PRIMARY TOTAL KNEE ARTHROPLASTY: A SURGEON’S EARLY EXPERIENCE!
Aravind DESAI, Devendar CHAUHAN, Caroll BRIGNALL (UNITED KINGDOM)

28997 COMPARISON OF 4-YEARS SURVIVAL OF CEMENTED AND CEMENTLESS TOTAL KNEE PROSTHESES
Venceslav PISOT, Vesna LEVASIC, Simon KOVAC, Ingrid MILOSEV (SLOVENIA)

30226 COMPARISON OF RESULTS OF AGC TKA BETWEEN CLINICAL STUDIES AND NATIONAL ARTHROPLASTY REGISTERS
Reinhard SCHUH, Nikolaus BOEHLER, Gerold LABEK (AUSTRIA)

29581 RETROSPECTIVE ANALYSIS OF THE RESULTS OF APPLICATION OF TOTAL KNEE IMPLANTS WITH METAL-BASE AND ALL-POLYETHYLENE TIBIAL COMPONENTS
Timur TAZIEV, Olga SEDOVA, Gennady KUROPATKIN (RUSSIA)

28176 CONGENITAL DISLOCATION OF THE PATELLA TREATED BY COMBINED ROTATIONAL HIGH TIBIAL OSTEOTOMY AND KNEE ARTHROPLASTY
John CAMERON (CANADA)

14:00 - 15:30 Lecture / Free Papers

Knee - Patella

Moderators:
Chadwick F. SMITH (UNITED STATES) & Albert VAN KAMPEN (NETHERLANDS)

28176 CONGENITAL DISLOCATION OF THE PATELLA TREATED BY COMBINED ROTATIONAL HIGH TIBIAL OSTEOTOMY AND KNEE ARTHROPLASTY
John CAMERON (CANADA)
PATELLAR SUBLUXATION IN CR TYPE TKA WITH NONRESURFACING PATELLA.
Patekkari NOMURA, Hiroaki MATSUMOTO, Motoyasu INOUE (JAPAN)

PATELLOFEMORAL INSTABILITY TREATED BY ARTHROSCOPIC TROCINGLEOPLASTY – THE NEW
TECHNIQUE WITH EARLY PROMISING RESULTS
P Nithin UNNIKRISHNAN, Paul MAYERS, Alison HATCHER, Mark CAPLAN, Michael MCNICHOLAS
(UNITED KINGDOM)

clinical and functional outcome of total knee arthroplasty (TKA) with or
without pateellar resurfacing - Asian perspective.
Vinodhkumar PANNIRSELVAM, Wilson WANG, Justin BOEY (SINGAPORE)

Occurrence of DVT in patients with patella fractures
H. Del SCHUTTE JR., Greg COLBATH (UNITED STATES)

PATELLAR RESURFACING VERSUS NON-RESURFACING IN STAGED REVISION OF THE INFECTED
TOTAL KNEE ARTHROPLASTY
Nong Kyoum AHN, Dong Won LEE, Kwang Am JUNG, Moon Bok SONG (KOREA SOUTH)

Comparing the mid-vastus and medial parapatellar approaches in total knee
arthroplasty: a meta-analysis
Ilhan ALCELIK, Mohamed SUKEIK, Raymond POLLOCK, Anand MISRA, Ashraf NAGUIB, Fares
HADDA (UNITED KINGDOM)

PATELLOFEMORAL HEMICAP RESURFACING ARTHROPLASTY: LITERATURE REVIEW AND CLINICAL
RESULTS
Chinyelu MENAKAYA, David TEANBY (UNITED KINGDOM)

Computer assisted primary total knee arthroplasty between obese and non obese
patients: is navigation the answer to knee arthroplasty in obesity?
Vinay Kumar SINGH, Ravi TREHAN, Ranjive VARKEY, Ramakrishna RAGHAVAN, Yogeesh KAMAT,
Ajeya ADHIKARI (UNITED KINGDOM)

Does an experienced knee surgeon benefit from the use of a navigation system in
TKA?
Rolf K. MIEHLKE, Ludwig BAUSE (GERMANY)

Free Papers
Knee - Balancing

Moderators:
Thami BENZAKOUR (MOROCCO) & Antonin SOSNA (CZECH REPUBLIC)

Isolated lateral ligament laxity in primary total knee arthroplasty: cohort study
of stemmed versus unstemmed implants
Ohsoo KWON1, Weon-Yoo Kim2, Atul KAMATH2, Gwo Chin LEE2, Jonathan GARINO2
1(KOREA SOUTH), 2(UNITED STATES)

Gap changes after popliteus tendon resection during total knee arthroplasty
(TKA): a cadaveric study in Thai female knees.
Saran TANTAVISUT, Aree TANAVEE, Srihatach NGARMUKOS, Vajara WILLAIRATANA, Pongsak
YUKTANANDANA, Yongsa WANGROONGSUB (THAILAND)

Posterior stabilised implants in primary total knee replacement
Pierre-Paul CASTELEYN1, Dirk GANZER2, Robert KRAUSE2, Hans BAYER-HELM5
1(BELGIUM), 2(GERMANY)
LONG-TERM RESULTS OF A ROTATING-PLATFORM POSTERIOR STABILIZED TKR DESIGN
Chitranjan RANAWAT, Morteza MEFTAH, Amar RANAWAT (UNITED STATES)

REVISION KNEE PROSTHESES FOR DIFFICULT PRIMARY TOTAL KNEE REPLACEMENT: INDICATIONS AND OUTCOME
Ayman EBIED, Sameh MARIE (EGYPT)

HOW RELIABLE IS FIXED VALGUS DISTAL FEMORAL RESECTION IN PRIMARY TOTAL KNEE ARTHROPLASTY?
Praveen BASANAGUDAR, Basavaraj KYAVATER, Ranganadham A V, Ramesh B (INDIA)

CONDYLAR DIFFERENTIAL IN PLANNED TIBIAL CUTS IN TOTAL KNEE REPLACEMENT
Kodali Siva Rama Krishna PRASAD1, Emil SCHEMITSCH2, Peter LEWIS3
1(UNITED KINGDOM), 2(CANADA)

HINDFOOT ALIGNMENT VARIATION BEFORE AND AFTER TOTAL KNEE ARTHROPLASTY - RESULTS OF A PILOT STUDY.
Ashok SHYAM, Surendra PATIL, Rajeev JOSHI, Parag SANCHETI, Kh SANCHETI (INDIA)

POSTOPERATIVE LATERAL LIGAMENTOUS LAXITY AFTER TKA IN THE VALGUS KNEE
Hitoshi SEKIYA, Kenzo TAKATOKU, Hisashi TAKADA, Hideyuki SASANUMA (JAPAN)

Thursday, 8 September 2011
Meeting Hall V

08:00 - 09:30

Instructional Course

Lengthening of Long Bones

Moderator:
Tomas TRC (CZECH REPUBLIC)

INTRODUCTION
Tomas TRC (CZECH REPUBLIC)

LENGHTENING OF LONG BONE – ILIZAROV PRINCIPLES
Konstantin NOVIKOV (RUSSIA)

LENGHTENING ON LOCKIN NAIL
Tomas TRC (CZECH REPUBLIC)

ISKD
Tomas TRC (CZECH REPUBLIC)

FITBONE
Rainer BAUMGART (GERMANY)

LENGHTENING OF SMALL BONE
Jiri CHOMIAR (CZECH REPUBLIC)

COMPLICATIONS AND SALVAGE PROCEDURE
Jan POUL (CZECH REPUBLIC)

CONCLUSION AND DISCUSSION
10:30 - 12:00 Symposium
High Tibial Osteotomy

Moderator:
Thami BENZAKOUR (MOROCCO)

INDICATIONS AND PRE-OP PLANNING
Hatem SAID (EGYPT)

HIGH TIBIAL WEDGE OSTEOTOMY FOR MEDIAL KNEE ARTHRITIS
Thami BENZAKOUR (MOROCCO)

MEDIAL OPEN-WEDGE HTO VS MEDIAL UKA
Alex STAUBLI (SWITZERLAND)

OPENING WEDGE TIBIAL OSTEOTOMY FOR LARGE VARUS DEFORMITY
Philippe HERNIGOU, Alexandre POIGNARD, Charles Henri FLOUZAT LACHANETTE (FRANCE)

TAILORED HTO: WHICH TECHNIQUE FOR WHOM?
Semih AYDOGDU (TURKEY)

COMPLICATIONS OF CLOSING WEDGE HIGH TIBIAL OSTEOTOMY
James WADDELL (CANADA)

14:00 - 15:30 Symposium
Russian Symposium

Moderators:
(to be confirmed)

TREATMENT OF PATIENTS WITH SEVERE ISCHEMIC CONTRACTURE
Sergey STRAFUN, I.N. KURINOI, O.G. GAIKO, A.V. DOLGOPOLOV (UKRAINE)

TREATMENT OF NON JOINT INFECTED FRACTURES OF LONG BONES: STUDY AND RESULTS OF TREATMENT OF 350 CASES

RECONSTRUCTION OF THE DYSPLASTIC HIP AT ADOLESCENTS
Alexander BELETSKY, O.A., SOKOLOV (BELARUS)

ARTHROSCOPY IN DIAGNOSTICS AND TREATMENT OF KNEE JOINT PATHOLOGY IN CHILDREN
Mikhail GERASIMENKO, Alexander BELETSKY (BELARUS)

NEW POSSIBILITIES OF USING TITANIUM ALLOYS IN ENDOPROSTHESIS OF LARGE JOINTS
Nikolay ZAGORODNIY, Alexander BALBERKIN, Alexander ILYIN (RUSSIA)

DYNAMIC LSZ INSTRUMENTATION IN TREATMENT OF CHILDREN SCOLIOSIS
Mukhammad SAMPIEV, Nikolay ZAGORODNIY, Alexander LAKA, Stepan BALASHOV, Artem LYAGIN (RUSSIA)
**Symposium**

**Lengthening of Upper Extremity Using External Fixator**

Moderators:
Tomas TRC (CZECH REPUBLIC)

COMPLICATION IN HUMERAL LENGTHENING OF ACHONDROPLASTIA PATIENTS
O. KLIMOV (RUSSIA)

FEMORAL LENGTHENING
Konstantin NOVIKOV (RUSSIA)

REPEATED LENGTHENING FOR CORRECTION OF SHORT STATURE
Anna MAJOROVNA ARANOVICH (RUSSIA)

CORRECTION DEFORMITIES OF UPPER AND LOWER EXTREMITIES
Sergey MURADISINOV (RUSSIA)

**Thursday, 8 September 2011**

*Panorama Hall*

**Symposium**

**SRS: Infection & Tumour**

Moderator:
Shanmuganathan RAJASEKARAN (INDIA)

NOVEL TECHNIQUES IN SPINAL IMAGING
S. RAJASEKARAN (INDIA)

TB SPONDYLITIS WITH AND WITHOUT NEUROLOGICAL IMPAIRMENT
Keith LUK (HONG KONG)

NONSPECIFIC INFECTIONS
Petr SUCHOMEL (CZECH REPUBLIC)

PRIMARY EXTRADURAL OSSEOUS SPINAL TUMOURS
Keith LUK (HONG KONG)

ALGORITHMS IN THE MANAGEMENT OF EXTRADURAL SPINAL METASTASIS
Cody BÜNGER (DENMARK)

DISCUSSION

**Symposium**

**SRS: Complications of Spinal Deformity Surgery**

Moderator:
Kamal IBRAHIM (UNITED STATES)
NON-NEUROLOGICAL COMPLICATIONS IN DEFORMITY SURGERY AND HOW TO AVOID THEM
Oheneba BOACHIE-ADJEI (UNITED STATES)

NEUROLOGICAL COMPLICATIONS IN DEFORMITY SURGERY AND HOW TO AVOID THEM
John DORMANS (UNITED STATES)

INSTRUMENTATION RELATED COMPLICATIONS IN OSTEOPOROTIC SPINE AND HOW TO AVOID THEM
Ahmet ALANAY (TURKEY)

DISCUSSION

CASE DISCUSSION

14:00 - 15:30 Lecture / Free Papers

Spine - Special Topics

Moderators:
Shanmuganathan RAJASEKARAN (INDIA) & Yan WANG (CHINA)

30276 VERTEBREAL COLUMN DECANCELLATION(VCD) FOR SHARP ANGULAR SPINAL DEFORMITY
Yan WANG (CHINA)

29952 IN-VIVO DEMONSTRATION OF SPONTANEOUS APICAL VERTEBRAL DEROTATION IN THORACIC ADOLESCENT IDIOPATHIC SCOLIOSIS
Keith Dip-Kei LUK, Wai Yuen CHEUNG, Kmc CHEUNG, Yat Wa WONG, Dino SAMARTZIS (HONG KONG)

27236 DISTAL ADDING-ON PHENOMENON IN LENKE 1A SCOLIOSIS : RISK FACTOR IDENTIFICATION AND TREATMENT STRATEGY COMPARISON
Yu WANG, Cody BUNGER, Ebbe HANSEN (DENMARK)

29382 CORRELATION OF ADULT SPINAL SAGITTAL IMBALANCE AND LIFE QUALITY ASSESSED WITH SF-36
Zhaomin ZHENG, Taiping WANG, Hui LIU, Hua WANG, Kuibo ZHANG (CHINA)

27475 TRANSARTICULAR SCREW FIXATION FOR ATLANTOAXIAL INSTABILITY - MODIFIED MAGERL'S TECHNIQUE IN 38 PATIENTS.
Tarun GOYAL, Raj BAHADUR, Sujit K TRIPATHY (INDIA)

29660 IS SPINAL DYSRAPHISM A PROBLEM IN CASES OF CONGENITAL KYPHOSIS AND KYPHOSCOLIOSIS?
Shalin MAHESHWARI, Ashok JOHARI, Ratna JOHARI, Amit NEMADE, Maulin SHAH (INDIA)

27817 SIMULTANEOUSLY ANTERIOR DECOMPRESSION AND POSTERIOR INSTRUMENTATION BY SINGLE EXTRA PLEURAL RETROPERITONEAL APPROACH IN THORACOLUMBAR LESIONS
Saurabh JAIN (INDIA)

29933 ASSESSMENT OF FIBER TRACT INTEGRITY IN SPINAL CORD BY DIFFUSION TENSOR IMAGING EVALUATION OF DTI DATAMETRICS AND TRACTOGRAPHY OF NORMAL SPINAL CORD, ACUTE AND CHRONIC SPINAL CORD INJURIES
S RAJASEKARAN, Rishi M KANNA, Ajoy P SHETTY (INDIA)

29817 ASSOCIATION BETWEEN THE POLYMORPHISM OF VDR GENE AND DEGENERATIVE DISC DISEASE OF THE LUMBAR SPINE IN A CHINESE HAN POPULATION
Bin YU, Zhihong WU, Guixing QIU, Jia ZHANG (CHINA)
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<td>16:30 - 18:00</td>
<td>Free Papers</td>
<td><strong>Spine - Fractures</strong></td>
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<td><strong>Moderators:</strong> Nanjundappa S. HARSHA HARRYDANA (UNITED KINGDOM) &amp; Petr KORBELAR (CZECH REPUBLIC)</td>
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<td>28422</td>
<td>Free Papers</td>
<td>NEGLECTED TRAUMATIC DISLOCATION OF THE SUBAXIAL CERVICAL SPINE.</td>
<td>Anil JAIN, Ish DHAMMI, Ajay PAL, Puneet MISHRA (INDIA)</td>
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<td>28544</td>
<td>Free Papers</td>
<td>PROBLEMS IN DIAGNOSING CERVICAL SPINE INJURY, SPINAL CORD INJURY, OR BOTH AND RELATED MEASURES: A STUDY OF 9468 CASES OF CERVICAL SPINE TRAUMA</td>
<td>Hiroki YOSHIMATSU, Kenji YOSHIDA, Hisashi YAMASHITA, Kimiaki SATO, Kensei NAGATA (JAPAN)</td>
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<td>29746</td>
<td>Free Papers</td>
<td>SURGICAL TREATMENT OF LOWER CERVICAL COLUMN TRAUMATIC FRACTURES</td>
<td>Hector Francisco GUTIERREZ, Francisco Javier CERVANTES Lizarraga, Raul MONROY MAYA (MEXICO)</td>
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<td>27310</td>
<td>Free Papers</td>
<td>ELECTRONUROSTIMULATION CAPABILITIES IN VICTIMS OF VERTEBRAL CEREBRO-SPINAL INJURIES</td>
<td>Alexander TOMA, Svetlana GRAMMA, George TOMA, Ilya TOMA, Svetlana TOMA, Vyacheslav NINEL (RUSSIA)</td>
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<td>29983</td>
<td>Free Papers</td>
<td>PEDICLE SCREW FIXATION FOR UNSTABLE THORACIC SPINE FRACTURES: CLINICAL AND RADIOLOGICAL EVALUATION OF 120 CASES.</td>
<td>Efe Levent ARAS, Ebbe Stander HANSEN, Kristian HØY, Peter HELMIG, Bent NIEDERMANN, Cody BUNG (DENMARK)</td>
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<td>29405</td>
<td>Free Papers</td>
<td>ANTERIOR COLUMN RECONSTRUCTION IN BURST FRACTURES OF THORACOLUMBAR REGION: RATIONALE AND INDICATIONS</td>
<td>Anil K JOSHI, Saurabh SINGH, Narender ROHILLA, Kamran FAROOQUE, Buddhadev CHOWDHURY, Arvind JAYASWAL (INDIA)</td>
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<td>28418</td>
<td>Free Papers</td>
<td>SIMULTANEOUS ANTERIOR DECOMPRESSION AND POSTERIOR INSTRUMENTATION BY EXTRAPLEURAL RETROPERITONEAL APPROACH FOR THORACOLUMBAR LESIONS – A SERIES OF 52 CASES</td>
<td>Anil JAIN, Ish DHAMMI, Saurabh JAIN, Jaswant KUMAR (INDIA)</td>
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<td>28507</td>
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<td>INITIAL PERCUTANEOUS SPINAL INSTRUMENTATION IN POLYTRAUMATIZED PATIENTS, THE CONCEPT OF DAMAGE CONTROL SPINAL SURGERY</td>
<td>Ahmed SHAWKY, Heinrich BOEHM (GERMANY)</td>
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<td>29527</td>
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<td>MRI PATTERN OF VERTEBRAL FRACTURES DUE TO OSTEOPOROSIS, INFECTION AND MALIGNANT TUMORS</td>
<td>Mohamed ABDEL-WANIS, Mohamed SOLYMAN, Nahla Mohamed Ali HASAN (EGYPT)</td>
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<td>28299</td>
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<td>CRESCENT FRACTURE DISLOCATION OF THE SACROILIAC JOINT: USE OF ILIOSACRAL SCREWS.</td>
<td>Mahmoud M. ABDEL KARIM, Sherif A. KHALED, Ahmed H. ABDEL AZEEM (EGYPT)</td>
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**Thursday, 8 September 2011**

**Terrace I**

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<td>08:00 - 09:30</td>
<td>Instructional Course</td>
<td>Surgical Management of Spinal Deformities</td>
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Moderator:
Martin KRBEC (CZECH REPUBLIC)

INTRODUCTION
Martin KRBEC (CZECH REPUBLIC)

CONGENITAL SCOLIOSIS AND TIS
Martin REPKO (CZECH REPUBLIC)

ADOLESCENT IDIOPATHIC SCOLIOSIS
Martin KRBEC (CZECH REPUBLIC)

JUVENILE IDIOPATHIC SCOLIOSIS
Richard CHALOUPKA (CZECH REPUBLIC)

NEUROMUSCULAR SCOLIOSIS
Martin REPKO (CZECH REPUBLIC)

DEGENERATIVE SCOLIOSIS
Martin KRBEC (CZECH REPUBLIC)

CONCLUSION

10:30 - 12:00 Lecture / Free Papers

ISMISS/SICOT: Minimally Invasive Spinal Techniques I

Moderators:
Hansjoerg LEU (SWITZERLAND), Vladimir RADCHENKO (UKRAINE)

29370 ISMISS SESSION - PRESIDENTS OPENING ADDRESS
Hansjoerg LEU (SWITZERLAND)

28914 ENDOSCOPY IN DDD: FACTS SINCE 1982 AND STATE OF THE ART
Hansjoerg LEU (SWITZERLAND)

28681 LATERAL AND FAR LATERAL HERNIAS (FORAMINAL AND EXTRAFORAMINAL) CURRENT ASPECTS
NEW TRENDS ACCORDING TO A PARTICULAR SERIES OF 64 FULL-ENDOSCOPIC DISCECTOMIES
Daniel GASTAMBIDE, Frederic JACQUOT, Patrice MOREAU (FRANCE)

29200 NEW GRID POSITIONING SYSTEM (GPS) GUIDANCE FOR ENDOSCOPIC TRANSFORAMINAL
MICRODECOMPRESSIVE LUMBAR DISC SURGERY IN THE MORBID OBESE PATIENT.
John CHIU (UNITED STATES)

29329 MINIMALLY INVASIVE SURGICAL TREATMENT OF COMPRESSION SYNDROMES IN PATIENTS WITH
UNCOVERTEBRAL ARTHROSIS.
Mykola KORZH, Volodymyr RADCHENKO, Konstantin POPSUISSHAPKA (UKRAINE)

29204 ENDOSCOPIC ANTERIOR CERVICAL DISCECTOMY/FORAMINOPLASTY WITH INTRAOPERATIVE
NEUROPHYSIOLOGICAL MONITORING (IOM)
John CHIU (UNITED STATES)

29250 MUST YOU IMMEDIATELY MAKE A FUSION ON A FORAMINAL HERNIA?
Daniel GASTAMBIDE, Frederic JACQUOT, Patrice MOREAU (FRANCE)

27537 MINIMALLY INVASIVE TRANSFORAMINAL INTERBODY FUSION FOR DEGENERATIVE LUMBAR
DISORDERS
Keisuke NAKANO, Toshimitsu KAWAGISHI, Toshitada SAWADA (JAPAN)
30242 OUR EXPERIENCE OF MINIMALLY INVASIVE SPINAL TECHNIQUES IN TREATMENT OF DIFFERENT SPINAL DISORDERS
Marcel VETRILE (RUSSIA)

30315 WHAT WE HAVE TO KNOW TO SAFELY PERFORM LUMBAR TRANSFORAMINAL PERCUTANEOUS PROCEDURES
Pil Sun CHOI (BRAZIL)

28641 AUTOMATED PERCUTANEOUS LUMBAR DISCECTOMY VS ENDOSCOPIC DISCECTOMY ; LONGTERM RESULTS
Tolgay SATANA, Murat ERGUVEN, Mehmet ALTUG, Kamil BARLAS, Ali FINCAN (TURKEY)

14:00 - 15:30 Lecture / Free Papers
ISMIS/SICOT: Minimally Invasive Spinal Techniques II

Moderators:
Pil-Sun CHOI (BRAZIL) & Sang-Ho LEE (SOUTH KOREA)

30247 ADVANCED MINIMALLY INVASIVE SPINE SURGERY (MISS) IN KOREA WITH PERSONAL ACHIEVEMENT
Sang-Ho LEE (KOREA SOUTH)

29325 MONOCLONAL ANTIBODY TUMOR NECROSIS FACTOR (TNF) IN THE TREATMENT OF DISC HERNIATION
Vasiliy SHIMON, Volodymyr RADCHENKO, Inga FEDOTOVA (UKRAINE)

29323 REPAIR OF INTERVERTEBRAL DISC IN MINIMAL INVASIVE SPINE SURGERY
Vladimir RADCHENKO, Olga KOSTITZKY (UKRAINE)

29202 BIOLOGIC VERTEBRAL AUGMENTATION AND RECONSTRUCTION WITH MORCELIZED BONE GRAFT
John CHIU (UNITED STATES)

29882 PERCUTANEOUS KYPHOPLASTY: SUN YAT-SEN UNIVERSITY 10 YEAR EXPERIENCES
Zhaomin ZHENG, Taiping WANG, Hui LIU (CHINA)

29880 VERTEBRAL AUGMENTATION WITH A NOVEL BONE VOID FILLING CONTAINER SYSTEM; A BIOMECHANICAL STUDY
Zhaomin ZHENG, Taiping WANG, Hui LIU (CHINA)

29612 THE ADVISABILITY OF THE APPLICATION OF PERCUTANEOUS TRANSPEDICULAR SCREW FIXATION IN THE TREATMENT OF METASTASIS TO VERTEBRAL COLUMN BASED ON SELECTED CASES FROM THE MATERIAL OF ORTHOPAEDIC AND TRAUMATOLOGY WARD IN SZCZECIN
Karol ROGAS, Michal KEDZIERSKI, Konrad DOBIECKI, Andrzej BOHATYREWICZ (POLAND)

29805 VESSELPLASTY FOR THE TREATMENT OF OSTEOPOROTIC VERTEBRAL COMPRESSION FRACTURES
Aloysius Bambang DARWONO (INDONESIA)

29327 MINIMAL INVASIVE SURGICAL TREATMENT OF THE LATERAL RECESS STENOSIS
Artem SKIDANOV, Volodymyr RADCHENKO (UKRAINE)

29203 MINIMALLY INVASIVE SPINE SURGERY (MISS): A SURGEON’S PERSPECTIVE ON TECHNOLOGICAL CONVERGENCE AND DIGITAL OR CONTROL SYSTEM
John CHIU (UNITED STATES)
16:30 - 18:00 Free Papers

**Spine - Surgery of the Degenerative Lumbar Spine**

*Moderators:*
José A. GUIMARAES CONSCIENCIA (PORTUGAL) & Kandiah RAVEENDRAN (MALAYSIA)

28667 **BONE DENSITY VARIATION ABOVE INTERSPINOUS INSTRUMENTATION**
José A GUIMARAES CONSCIENCIA (PORTUGAL)

28918 **DID REPEAT MRI SCANNING AFFECT MANAGEMENT OF SURGICAL LEVEL DECOMPRESSION OF THE LUMBAR-SACRAL SPINE?**
Dushan THAVARAJAH, Mathew YOUSEF, Patrick MCKENNA, Robert MARSHALL (UNITED KINGDOM)

27508 **PROPERTIES OF SENSITIVITY AND MOTOR RESTORATION AFTER PERCUTANEOUS ENDOSCOPIC REMOVAL OF SPINAL DISC HERNIATION IN PATIENTS WITH LUMBAR OSTEochondrosis**
Oxana PRUDNIKOVA, Elena SHCHUROVA, Oleg KULIKOV (RUSSIA)

29494 **EXTENDED FENESTRATION SURGERY IN DEGENERATIVE LUMBAR CANAL STENOSIS**
Ashwani SINGH, Anil DHAL, Sumit SURAL (INDIA)

29835 **DYNAMIC STABILISATION FOR GRADE I & II DEGENERATIVE LUMBAR SPONDYLOLISTHESIS WITH STENOSIS: EARLY CLINICAL RESULTS OF A NEW DYNAMIC STABILISATION SYSTEM.**
Sandesh LAKKOL, Razvan TARANU, Chandra BHATIA, Manoj KRISHNA, Tai FRIESEM (UNITED KINGDOM)

30218 **A NOVEL MINIMALLY INVASIVE APPROACH TO LUMBOSACRAL SPINE**
Tariq SOHAIL (PAKISTAN)

28913 **CAUDAL EPIDURAL STEROID INJECTIONS FOR THE MANAGEMENT OF LOWER BACK PAIN AND SCIATICA: A REGIONAL SURVEY**
Syed HAQUE, Julian GASKIN, Anthony UGOWUKE, Shuaib KARMANI (UNITED KINGDOM)

28189 **THREE DIMENSIONAL COMPUTED TOMOGRAPHY(3D-CT) AND RADIOGRAPHS ASSESSMENT OF INTERBODY FUSION**
Yan-Ping ZHENG, Xin-Yu LIU, Suo-Mao YUAN (CHINA)

30072 **LOW BACK PAIN: A COMPARISON OF PHYSICAL THERAPY AND SURGERY. WHAT DETERMINES FUNCTIONAL OUTCOME AT TWO YEARS? AN OBSERVATIONAL STUDY.**
José DE PEDRO, Alfonso GONZÁLEZ-ORÚS, Maximiliano TERRÓN, Javier DOMÍNGUEZ (SPAIN)

29876 **GINKGOLIDE B PROMOTES PROLIFERATION AND FUNCTIONAL ACTIVITIES OF BONE MARROW-DERIVED ENDOThelial PROGENITOR CELLS: INVOLVEMENT OF AKT/ENOS AND MAPK/P38 SIGNALING PATHWAYS**
Yubo TANG, Xuenong ZOU, Xiao CHEN, Xinsheng PENG, Baoding HUANG (CHINA)

Thursday, 8 September 2011

*Club A*

08:00 - 09:30 Free Papers

**Trauma - Pelvis & Proximal Femur**
**Moderators:**
Jan BARTONICEK (CZECH REPUBLIC) & Miroslav HASPL (CROATIA)

**28196 OUTCOMES OF PLATE FIXATION IN PUBIC DIASTASIS: OUR EXPERIENCE WITH 19 PATIENTS AND REVIEW OF LITERATURE.**
Vibhu KRISHNAN, Kamal BALI, Sameer AGGARWAL, Ramesh Kumar SEN, Sakthivel Rajan RAJARAM MANOHARAN (INDIA)

**27336 OUTCOME OF SURGICAL MANAGEMENT OF UNSTABLE PELVIC FRACTURES**
Kaushik Reddy MADUGULA (INDIA)

**28262 PATHOLOGY OF NEGLECTED FEMORAL NECK FRACTURE**
Hardas Singh SANDHU, Parvinder Singh SANDHU, Atul KAPOOR, Rajinder RAJAN (INDIA)

**27381 THE USE OF ELLITTICA HEMIARTHROPLASTY FOR THE TREATMENT OF DISPLACED FEMORAL NECK FRACTURES IN PATIENTS OLDER THAN 60 YEARS**
Felipe MATURANA, Maturana ERNESTO, Ricardo STAUB, Jose Pedro SIMONETTI (CHILE)

**29911 RESULTS OF MIS USING ADJUSTABLE SLIDING HIP SCREWS IN HIP FRACTURES.**
Ichiro NAKAYAMA (JAPAN)

**29738 RISK FACTORS FOR LAG SCREW CUT-OUT IN INTERTROCHANTERIC FRACTURES**
Helle KRISTENSEN, Ole BRINK, Rikke THORNINGER, Lars BORRIS, Kjeld ANDERSEN (DENMARK)

**29946 IPSILATERAL FRACTURES OF THE PROXIMAL FEMUR AND THE FEMORAL SHAFT**
Pavel DOUŠA, Tomáš PAVELKA (CZECH REPUBLIC)

**27713 SELF-DYNAMISABLE INTERNAL FIXATOR (SIF) ONE NEW AND MINIMALLY INVASIVE METHOD IN FEMORAL FRACTURES TREATMENT**
Milorad MITKOVIC, Desimir MLADENOVIC, Sasa MILENKOVIC, Ivan MICIC, Milan MITKOVIC (SERBIA)

**28269 MINIMALLY INVASIVE PLATE OSTEOSYNTHESIS (MIPO) FOR FIXATION OF FEMORAL FRACTURES**
Mahmoud M. ABDEL KARIM, Mohamed YOUNESS, Ashraf N MOHARRAM, Mohamed KADDAH, Hazem ABDEL AZEEM (EGYPT)

### 10:30 - 12:00

**Symposium**

**Cartilage Repair**

**Moderators:**
Stephen P. ABELOW (United States) & Pedro GUILLEN (Spain)

**AUTOLOGOUS CHONDROCYTE IMPLANTATION - CONCEPT, SCIENCE, AND 20-YEAR EXPERIENCE**
Lars PETERSON (SWEDEN)

**STEM CELLS - CONCEPT AND APPLICATIONS IN ARTICULAR CARTILAGE**
Mats BRITTBERG (SWEDEN)

**MACI - MATRIX AUTOLOGOUS CHONDROCYTE IMPLANTATION: NINE YEAR EXPERIENCE AND NEW SCIENCE**
Stephen ABELOW (UNITED STATES)

**HYALOGRAFT AND BIOMIMETIC CONSTRUCTS AND NEW SCIENCE**
Elezaveta KON (ITALY)

**ACI WITH COLLAGEN TYPE I HYDROGELS**
Ulrich NOTH (GERMANY)
14:00 - 15:30  
**Lecture / Free Papers**  
**Sports Traumatology - Anterior Cruciate Ligament I**

*Moderators:*
Fatih KUCUKDURMAZ (TURKEY) & Albert VAN KAMPEN (NETHERLANDS)

**30265**  
**DIAGNOSIS AND MODERN TREATMENT OPTIONS FOR PATELLA INSTABILITIES**  
Albert VAN KAMPEN (NETHERLANDS)

**28563**  
**THE CLINICAL LOCATION OF TUNNELS AFTER ANATOMIC DOUBLE-BUNDLE ANTERIOR CRUCIATE LIGAMENT (ACL) RECONSTRUCTION ANALYZED BY THREE-DIMENSIONAL COMPUTED TOMOGRAPHY (CT)**  
Kenji TOKUNAGA¹, Masashi KIMURA¹, Yasukazu KOBAYASHI¹, Nadim ASLAM², Rad ZDERO³  
¹(JAPAN), ²(UNITED KINGDOM), ³(CANADA)

**30184**  
**DOUBLE BUNDLE ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION USING EZLOC FMORAL FIXATION DEVICE.**  
Takafumi HIRANAKA, Yuichi HIDA, Harunobu UEMOTO, Minoru DOITA, Yutaro KANDA, Yuichi KURODA, Mitsuo TSUJI (JAPAN)

**29252**  
**TUNNEL POSITIONS AND GRAFT SIZE IN ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTIONS PREDICT PROBABILITY OF GRAFT IMPINGEMENT**  
Wp YAU, August Wm FOK (HONG KONG)

**27055**  
**ANTEROMEDIAL BUNDLE INFLUENCES INTERNAL TIBIAL ROTATION MORE THAN POSTEROLATERAL BUNDLE - A CADAVER STUDY**  
Radek HART, Martin KOMZÁK, František OKÁL (CZECH REPUBLIC)

**30210**  
**A MATHEMATICAL MODEL OF THE OPTIMAL TIBIAL TUNNEL POSITION FOR DOUBLE BUNDLE RECONSTRUCTION OF THE ANTERIOR CRUCIATE LIGAMENT**  
Takafumi HIRANAKA, Yuichi HIDA, Harunobu UEMOTO, Minoru DOITA, Yuichi KURODA, Yutaro KANDA, Mitsuo TSUJI (JAPAN)

**30125**  
**LACKING RE-INNERVATION OF THE RUPTURED ACL-GRAFT – A CAUSE OF GRAFT-FAILURE?**  
Philippe TSCHOLL, Roland BIEDERT (SWITZERLAND)

**28584**  
**COMPARISON OF 3 DIFFERENT FEMORAL FIXATION (APERFIX, TRANSFIX, ENDOBUTTON) FOR ACL RECONSTRUCTION. A PROSPECTIVE RANDOMISED CLINICAL TRIAL STUDY**  
Firooz MADADI, Firoozeh MADADI, Alireza EAJAZI (IRAN)

16:30 - 18:00  
**Lecture / Free Papers**  
**Sports Traumatology - Anterior Cruciate Ligament II**

*Moderators:*
Shiyi CHEN (CHINA) & Ulrich NÖTH (GERMANY)

**30274**  
**ACL RECONSTRUCTION WITH ARTIFICIAL LIGAMENT--- MULTI-CENTRALCLINICAL STUDY& NEW DEVELOPED LIGAMENT**  
Shiyi CHEN (CHINA)

**29854**  
**MAGNETIC RESONANCE IMAGING DOCUMENTS INCREASED INCIDENCE OF MENISCAL TEARS IN THE ANTERIOR CRUCIATE LIGAMENT DEFICIENT KNEE**  
Saker KHAMAISY, Adi FRIEDMAN, Joe LOWE (ISRAEL)

**28513**  
**ANATOMIC SINGLE BUNDLE ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION USING TWO CROSS PINS: CADAVERIC STUDY**  
Ayman EBIED, Mahmoud TAHOON, Wael EL KHOLY (EGYPT)
26920  MEDIAL PATELLO‐FEMORAL LIGAMENT RECONSTRUCTION: IS A CLINICAL METHOD OF IDENTIFYING THE ISOMETRIC FEMORAL ATTACHMENT RELIABLE? A CLINICAL AND RADIOLOGICAL STUDY
Gautam TALAWADEKAR, Barry ROSE, Elnikety SHERIF, Marian GRIGORAS, Chan JEER (UNITED KINGDOM)

29714  ARTHROSCOPIC NEEDLE‐KNIFE SURGICAL DEVICE (ANKSD)
Fabio Ferraz Do Amaral RAVAGLIA, Tiago Fonseca BARCELLOS, Alberto CLIQUET JUNIOR (BRAZIL)

28705  THE IMPORTANCE OF INDEPENDENT MEASUREMENT OF WIDTH AND LENGTH OF LATERAL MENISCUS DURING PREOPERATIVE SIZING FOR MENISCAL ALLOGRAFT TRANSPLANTATION
Jae Hyuk YANG, Jung‐Ro YOON, Young Soo SHIN, Eui Dong YE, Hyung Won JANG (KOREA SOUTH)

28588  SURGICAL SYNOVECTOMY COMBINED 90Y SYNOVECTOMY RECURRENT KNEE SYNOVITIS
Zekeriya OZTEMUR, Okay BULUT, Umut Hatay GOLGE, Gunduz TEZEREN, Hayati OZTURK (TURKEY)

Thursday, 8 September 2011

Club C

08:00 - 09:30  Instructional Course

Current management of Osteoporosis

Moderators:
Vaclav VYSKOCIL (CZECH REPUBLIC)

OVERVIEW OF CLINICAL PRACTICE: DIAGNOSTIC TECHNIQUES AND TREATMENT ALGORITHMS
Vaclav VYSKOCIL (CZECH REPUBLIC)

GLUCOCORTICOID INDUCED OSTEOPOROSIS - CURRENT APPROACH
O. RUZICKOVA (CZECH REPUBLIC)

SURGICAL TREATMENT OF OSTEOPOROTIC FEMORAL FRACTURE
Zbynek ROZYDAL (CZECH REPUBLIC)

VERTEBRAL BODY AUGMENTATION USING VERTEBRAL STENT
Jiri MATEJKA (CZECH REPUBLIC)

FUTURE OF OSTEOPOROSIS TREATMENT
Jaroslav BLAHOS (CZECH REPUBLIC)

TAKE HOME MESSAGE
Vaclav VYSKOCIL (CZECH REPUBLIC)

10:30 - 12:00  Free Papers

Research - Miscellaneous I

Moderators:
Syed Muhammad AWAI (PAKISTAN)

29747  GLUCOSAMINE‐SULFATE ON FRACTURE HEALING
Ali Akin UGRAS, Ibrahim KAYA, Emrah Riza DEMIRBAS, Ercan CETINUS (TURKEY)

28827  CARTILAGE REGENERATION: THE PHENOTYPE OF CHONDROCYTES IN TGF‐β1 MODIFIED BOVINE ACHILLES TENDON COLLAGEN SPONGE
Chien‐Hao CHEN, Chih‐Hwa CHEN, Shu‐Wen WHU, Chih‐Hsiang CHANG, Bo‐Nian LIN (TAIWAN)
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<th>Paper Number</th>
<th>Title</th>
<th>Authors</th>
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<tr>
<td>29209</td>
<td>INTERLEUKIN-1 BETA GENE POLYMORPHISM ASSOCIATED WITH RADIOGRAPHIC KNEE OSTEOARTHRITIS IN CHINESE</td>
<td>Chun Hoi YAN, Yiyan QIU, Kwong Yuen CHIU, Fu Yuen NG (HONG KONG)</td>
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<td>29442</td>
<td>PROSPECTS OF USE OF PREPARATIONS ON THE BASIS OF BLOOD SERUM AS SYNOVIAL MEDIUM FOR MEDICAL CORRECTION TRIBOLOGY JOINTS</td>
<td>Vladimir NIKOLAEV, Alexander BELETSKII, S.F. ERMAKOV (BELARUS)</td>
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<td>28867</td>
<td>ALKAPTONURICochronosis- a review of 8 cases</td>
<td>Sandeep KASYAP, Mukand LAL (INDIA)</td>
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<td>29005</td>
<td>TRACTION REGENERATION OF PERIPHERAL NERVES TO TREAT SEGMENTAL DEFECTS</td>
<td>Syed AWAIS (PAKISTAN)</td>
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<td>29641</td>
<td>TNF-α INHIBITS MINERALIZATION BUT NOT OSTEOGENIC DIFFERENTIATION INDUCED BY BMP-2</td>
<td>Hui LIU, Zhaomin ZHENG, Kuibo ZHANG, Hua WANG, Hao YANG, Zemin Li (CHINA)</td>
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<td>29670</td>
<td>A NOVEL BIODEGRADABLE INJECTABLE POLYCAPROLACTONE-MAGNESIUM HYBRID FOR ORTHOPAEDIC IMPLANTATION</td>
<td>Hoi Man WONG, Kelvin YEUNG, Paul CHU, Keith LUK, Kenneth CHEUNG (HONG KONG)</td>
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<td>29931</td>
<td>MORPHOLOGICAL ANALYSIS OF SYNOVIAL FLUID IN DIAGNOSIS OF OSTEOARTHRITIS</td>
<td>Vadim ZAR, Victor VOLOSHIN, Svetlana SHATOKHINA, Vladimir SHABALIN, Vladimir ZUBIKOV (RUSSIA)</td>
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<td>30138</td>
<td>LAMA 4 EXPRESSION IN HUMAN CHONDROCYTES AND REGULATION BY EPIGENETIC MECHANISMS</td>
<td>Gerald GRUBER, Florentine FÜRST, Mathias GLEHR, Norbert KASTNER, Patrick SADHOGI, Andreas LEITHNER (AUSTRIA)</td>
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<td>29198</td>
<td>INTRAOPERATIVE CELL SALVAGE IN PRIMARY HIP ARTHROPLASTY</td>
<td>Peter RALTE, Stephen GRANT, Syam MORAPUDI, Peter DENN, Keith BARNES (UNITED KINGDOM)</td>
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<td>29752</td>
<td>USE OF AUTOLOGOUS DECAL BONE GRAFT IN THE TREATMENT OF NON-UNIONS AND DELAYED-UNIONS OF LONG BONES</td>
<td>Ghanshyam Narayan KHARE (INDIA)</td>
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<td>27449</td>
<td>PLATELET-RICH PLASMA IS MORE EFFECTIVE THAN CORTISONE FOR CHRONIC PLANTAR FASCIITIS</td>
<td>Raymond MONTO (UNITED STATES)</td>
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<td>29518</td>
<td>CHRONIC LATERAL ELBOW EPICONDYLITIS TREATED WITH EITHER PLATELET RICH PLASMA OR AUTOLOGOUS WHOLE BLOOD. A RANDOMIZED CONTROLLED CLINICAL TRIAL.</td>
<td>Athanassios PAPANIKOLAOU, Christos THANASSAS, George PAPADIMITRIOU, Charalambos CHARALAMBIDES, IliaS PARASKEVOPOULOS (GREECE)</td>
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<tr>
<td>27119</td>
<td>A NOVEL METHOD TO TREAT THROMBOANGITIS OBLITERANS BY ILIZAROV RING FIXATOR-A STUDY OF 30 CASES</td>
<td>Shreemath KULKARNI, Govind KULKARNI, Ruta KULKARNI, Sunil KULKARNI, Vidisha KULKARNI (INDIA)</td>
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**Regenerative Orthopaedics**

Moderators: Johannes REICHERT (GERMANY) & Kelvin YEUNG (HONG KONG)

- **14:00 - 15:30 Free Papers**
  - **Regenerative Orthopaedics**
    - **Moderators:** Johannes REICHERT (GERMANY) & Kelvin YEUNG (HONG KONG)

- **30138 LAMA 4 EXPRESSION IN HUMAN CHONDROCYTES AND REGULATION BY EPIGENETIC MECHANISMS**
  - Gerald GRUBER, Florentine FÜRST, Mathias GLEHR, Norbert KASTNER, Patrick SADHOGI, Andreas LEITHNER (AUSTRIA)

- **29198 INTRAOPERATIVE CELL SALVAGE IN PRIMARY HIP ARTHROPLASTY**
  - Peter RALTE, Stephen GRANT, Syam MORAPUDI, Peter DENN, Keith BARNES (UNITED KINGDOM)

- **29752 USE OF AUTOLOGOUS DECAL BONE GRAFT IN THE TREATMENT OF NON-UNIONS AND DELAYED-UNIONS OF LONG BONES**
  - Ghanshyam Narayan KHARE (INDIA)

- **27449 PLATELET-RICH PLASMA IS MORE EFFECTIVE THAN CORTISONE FOR CHRONIC PLANTAR FASCIITIS**
  - Raymond MONTO (UNITED STATES)

- **29518 CHRONIC LATERAL ELBOW EPICONDYLITIS TREATED WITH EITHER PLATELET RICH PLASMA OR AUTOLOGOUS WHOLE BLOOD. A RANDOMIZED CONTROLLED CLINICAL TRIAL.**
  - Athanassios PAPANIKOLAOU, Christos THANASSAS, George PAPADIMITRIOU, Charalambos CHARALAMBIDES, IliaS PARASKEVOPOULOS (GREECE)

- **27119 A NOVEL METHOD TO TREAT THROMBOANGITIS OBLITERANS BY ILIZAROV RING FIXATOR-A STUDY OF 30 CASES**
  - Shreemath KULKARNI, Govind KULKARNI, Ruta KULKARNI, Sunil KULKARNI, Vidisha KULKARNI (INDIA)

**16:30 - 18:00 Free Papers**
Research - Miscellaneous II

Moderators:
Marco PECINA (CROATIA) & Haroon Khizir Taqi RAZA (INDIA)

30284   INTERNAL ARCHITECTURE OF BONES
Haroon Khizir Taqi RAZA (INDIA)

28327   ANALYSIS OF PERFORMANCE METRICS REPORTING IN PAPERS COMPARING TREATMENTS OR MATERIALS/DEVICES IN FOUR IMPORTANT ORTHOPEDIC JOURNALS FOR THE YEAR 2009
Cyril MAUFFREY, Rick BOWLES, David SELIGSON (UNITED STATES)

28242   ALBUMIN COATING FOR PREVENTING BACTERIAL BIOFILM FORMATION ON TITANIUM SURFACES
Yuehuei AN, Qian KANG, Thomas NIEMEIER, Xiaoyan LIU (UNITED STATES)

28131   VALUE OF USING CEMENT SPACERS AND ALLOGRAFTS WHIT ANTIBIOTIC FOR THE RECONSTRUCTION OF INFECTED BONE DEFECTS.
Christian ALLENDE, Julio BAGLIARDELLI, Pablo BRUNO, Damien BUSTOS (ARGENTINA)

29132   RELATIONSHIP BETWEEN SAGITTAL BALANCE OF PELVIS AND OSTEOARTHRITIS: PROPOSAL OF A METHOD OF ANALYSIS AND PRELIMINARY RESULTS
Radwan HILMI, Eric BERTHONNAUD, Franck PLOTARD, Daniel NOYER (FRANCE)

29334   PERI OPERATIVE HIGH VOLUME LOCAL INFILTRATION OF LOCAL ANAESTHETICS, ADRENALINE AND KETOROLAC DOES NOT INCREASE THE INTRA AND IMMEDIATE POST OPERATIVE BLOOD LOSS AFTER TOTAL HIP REPLACEMENT. A RANDOMISED CONTROLLED STUDY.
Banerjee PURNAJYOTI, Chris MCLEAN, Alexander KIDD (UNITED KINGDOM)

29465   METASTATIC BONE DISEASE STUDY OF 250 CASES
Vijay Kumar KHARIWAL (INDIA)

30038   INTERPRETATING A HIGH METAL ION RESULTS FOR THE MOM PATIENT
Raghavendra SIDAGINAMALE, Jimmy GANDHI, Praveen MEREDDY, David LANGTON, Tom JOYCE, Antoni NARGOL (UNITED KINGDOM)

26945   BONE FORMATION INDUCED BY GROWTH FACTORS EMBEDDED INTO THE NANOSTRUCTURED PARTICLES
Sybille FACCA, Carlos MENDOZA-PALOMARES, Florence FIORETTI, Stephanie GOUZOU, Didier MAINARD, Nadia BENKIRANE-JESSEL (FRANCE)

Thursday, 8 September 2011

Club D

08:00 - 09:30 Free Papers

ICFC: Clubfoot - Basic Science & Clinical Research

Moderators:
Christina GURNETT, Nelson CASSIS, Ernesto IPPOLITO, Ashok JOHARI

29676   THE ROLE OF LEG MUSCLE ATROPHY IN THE PATHOGENESIS OF IDIOPATHIC CONGENITAL CLUBFOOT
Vito POTENZA, Fernando DE MAIO, Pasquale FARSETTI, Ernesto IPPOLITO (ITALY)

28517   EVIDENCE THAT PITX1 HAPLOINSUFFICIENCY CAUSES CLUBFOOT IN HUMANS AND MICE
Christina GURNETT, Matthew DOBBS, David ALVARADO, Kevin MCCALL (UNITED STATES)
TREATMENT OF IDIOPATHIC CONGENITAL CLUBFOOT: THE EXPERIENCE OF THE ITALIAN GROUP FOR PROMOTION AND PROTECTION OF PONSETI METHOD (IGPPPM)
Ernesto IPPOLITO, Ignazio D’ADDETTA, Pasquale FARSETTI, Cosimo GIGANTE, Sergio MONFORTE, Gaetano PAGNOTTA, Vito PAVONE, Roberto SCHIAVON (ITALY)

FAMILIAL ISOLATED CLUBFOOT IS ASSOCIATED WITH RECURRENT CHROMOSOME 17Q23.1Q23.2 MIRCO Duplications Containing TBX4
Christina GURNETT, David ALVARADO, Hyuliya AFEROL, Kevin MCCALL, Jason HUANG, Matthew TECHY, Buchan JILLIAN, Janet CADY, Patrick GONZALES, Matthew DOBBS (UNITED STATES)

EXOME SEQUENCING IDENTIFIES MYH3 MUTATION IN FAMILY WITH DISTAL ARTHROGRYPOSIS TYPE I
Matthew DOBBS, David ALVARADO, Jillian BUCHAN, Christina GURNETT (UNITED STATES)

KINETIC ANALYSIS OF THE HIP JOINT IN CHILDREN WITH IDIOPATHIC CLUBFOOT
Mohammed EL-SOBKY, Rania Salah SWILAM, Amira Mohamed EL TOHAMY (EGYPT)

PREDICTION OF THE CLUBFOOT PROGNOSIS BY THE RADIOGRAPH AT NEONATE
Shinichi SATSUMA, Daisuke KOBAYASHI, Maki KINUGASA (JAPAN)

RELIABILITY OF THE DIMEGLIO CLASSIFICATION FOR CLUBFOOT
Armando TORRES-GOMEZ, Nelson CASSIS, Gilberto RIOS, Ricardo VELUTINI, Juan-Carlos FALCON (MEXICO)

EVALUATION OF THE ACCURACY OF THE I-BUTTON FOR THE MEASURING PATIENT COMPLIANCE WITH BRACE WEAR IN IDIOPATHIC CLUB FOOT
P Nithin UNNIKRISHNAN, Viju PETER, Harvey L GEORGE, Jayanth SAMPATH (UNITED KINGDOM)

THE ACCESSORY SOLEUS MUSCLE AS A CAUSE OF PERSISTENT EQUINUS IN CLUBFEET TREATED BY THE PONSETI METHOD: A REPORT OF 16 CASES
Emad MANSOUR, Waleed KISHTA, Mazen IBRAHIM (KUWAIT)

ASSESSMENT OF THE TALO-NAVICULAR JOINT BY ULTRASOUND DURING PONSETI MANAGEMENT OF CLUBFEET
Arne JOHANSSON, Ylva AURELL, Paula BERG, Bertil ROMANUS (SWEDEN)

CLUBFOOT SEVERITY CHANGES DURING THE FIRST WEEK OF LIFE
Nikolay RUMYANTSEV (RUSSIA)

ULTRASOUND ASSESSMENT OF CLUBFOOT IN INFANTS
Guy GRIMARD, Marie-Claude MIRON, Benoit MORIN, Marie-Andrée CANTIN, Morris DUHAIME (CANADA)
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<th>10:30 - 12:00</th>
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<tr>
<td><strong>ICFC: International Clubfoot Treatment Programs &amp; Strategies for Managing Difficult Clubfeet</strong></td>
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**Moderators:**
Shafique PIRANI (CANADA), Armando TORRES (MEXICO), Bobby NG (HONG KONG), Steve MANNION (UNITED KINGDOM)

29114 **IMPLEMENTING NATIONAL PONSETI CLUBFOOT PROGRAMS IN UNDER-RESOURCED NATIONS: FACTORS FOR SUCCESS**
Mannion STEVE¹, John Norgrove PENNY², Rosalind OWEN³, Andrew MAYO³, Jose MORCUENDE³, Christopher LAVY³
¹(UNITED KINGDOM), ²(CANADA), ³(UNITED STATES)

29809 **PONSETI CLUBFOOT TREATMENT BY ORTHOPAEDIC OFFICERS: PROSPECTIVE COHORT STUDY IN UGANDA**
Shafique PIRANI¹, Richard MATHIAS¹, Edward NADDUMBA²
¹(CANADA), ²(UGANDA)

30029 **LESSONS AND RESULTS FROM THE FIRST THREE YEARS OF THE MALAWI NATIONAL CLUBFOOT PROGRAM**
Andrew MAYO¹, John CASHMAN², Harris SAKALA³, Linda HANSEN³
¹(UNITED STATES), ²(MALAWI), ³(KENYA)

29377 **UNDERSTANDING THE BARRIERS FOR EFFECTIVE TREATMENT OF CLUBFOOT BY THE PONSETI METHOD: AN INDIAN PERSPECTIVE**
Mandar AGASHE, Alaric AROOJIS (INDIA)

28944 **A MANAGEMENT PROTOCOL TO MINIMIZE THE SURGICAL INTERVENTION IN LATE NEGLECTED CLUBFOOT (ABOVE 5 YEARS).**
Sandeep SHRIVASTAVA (INDIA)

29566 **THE UGANDA SUSTAINABLE CLUBFOOT CARE PROJECT (USCCP)**
Shafique PIRANI¹, Richard MATHIAS², Edward NADDUMBA²
¹(CANADA), ²(UGANDA)

28369 **TREATMENT OF SEVERE TALIPES EQUINOVARUS IN CHILDREN**
Irina KLYCHKOVA, Vladimir KENIS, Nadezhda KOVALENKO-KLYCHKOVA, Yulia STEPANOVA (RUSSIA)

28943 **PREDICTIVE FACTORS OF EARLY RECURRANCE DURING CLUBFOOT TREATMENT WITH THE PONSETI METHOD: DOES TEMPERAMENT MATTER?**
Joshua HYMAN, Jeanne FRANZONE, Hiroko MATSUMOTO, Daniel MILLER, Margaret WRIGHT, Benjamin ROYE (UNITED STATES)

28419 **OPTIMAL ASSEMBLY OF SOFTWARE BASED ORTHO-SUV FRAME FOR FOREFOOT COMPLEX DEFORMITY CORRECTION**
Leonid SOLOMIN¹, Viktor VILENSKY¹, Konstantin UKHANOV¹, Alexandr UTEKHIN¹, Munetomo TAKATA²
¹(RUSSIA), ²(JAPAN)

28271 **APOS THERAPY FOR MAINTAINING CORRECTION AFTER RECURRENCE OF CLUBFOOT DEFORMITY**
Avi PANSKI, Ron LAMDAN, Naum SIMANOVSKI (ISRAEL)

28191 **ASSESSMENT OF CHILDREN WITH CTEV PRE-TIBIALIS ANTERIOR TENDON TRANSFER. DO THEY DIFFER FROM THOSE WHO DON'T REQUIRE A TATT?**
Kelly GRAY, Paul GIBBONS, David LITTLE, Joshua BURNS (AUSTRALIA)
### 14:00 - 15:30 Free Papers

**ICFC: Ponseti Method**

*Moderators:*  
Peter SMITH (UNITED STATES), Hidehiko KAWABATA (JAPAN), Morris DUHAIME (CANADA), Gamal HOSNY (EGYPT)

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<td>28534</td>
<td><strong>TIBIALIS ANTERIOR TENDON TRANSFER FOR DEFORMITY CORRECTION IN CLUBFOOT PATIENTS TREATED WITH THE PONSETI METHOD</strong></td>
<td>Nelson CASSIS, Gilberto RIOS, Armando TORRES-GOMEZ, Andrea ZEDILLO (MEXICO)</td>
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<td>29744</td>
<td><strong>THE PONSETI LEARNING CURVE</strong></td>
<td>Peter DACOMBE, Jas DAURKA, Stuart EVANS, Alison HULME, Denise WATSON (UNITED KINGDOM)</td>
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<td>28664</td>
<td><strong>FURTHER ADVANCES OF THE DYNAMIC FUNCTIONAL TREATMENT</strong></td>
<td>Verena HALDI-BRÄNDLE (SWITZERLAND)</td>
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<td>28197</td>
<td><strong>PREDICTING THE NEED FOR ANTERIOR TIBIALIS TENDON TRANSFER IN CLUBFEET TREATED WITH THE PONSETI METHOD</strong></td>
<td>Alice CHU, Rachel GOLDSTEIN, Debra SALA, Wallace LEHMAN (UNITED STATES)</td>
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<td>28897</td>
<td><strong>A PHYSIOTHERAPIST-LED PONSETI SERVICE FOR THE MANAGEMENT OF IDIOPATHIC AND COMPLEX CLUBFOOT DEFORMITY</strong></td>
<td>Yael GELFER, Mia DUNKLEY, Deborah JACKSON, Cristina RAFTER, Jen ARMSTRONG, Evette PARNELL, Deborah EASTWOOD (UNITED KINGDOM)</td>
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| 28730 | **VULPIUS PROCEDURE FOR CORRECTION OF EQUINUS DEFORMITY IN PATIENTS WITH RESIDUAL OR RELAPSED CLUBFOOT** | Soo-Sung PARK¹, Sang-Ho HAN¹, Jin Woong PARK¹, Maria Josephine PERALTA²  
²(KOREA SOUTH), ¹(PHILIPPINES) |
| 28378 | **CAN SOFT CAST BE AN ALTERNATIVE MATERIAL IN PONSETI CLUBFOOT TREATMENT?** | Chien-Chung KUO, Ken N. KUO, Horng-Chaung HSU, Tung-Wu LU (TAIWAN)                                 |
| 28332 | **RESULTS OF AN EFFECTIVE HUB AND SPOKE MODEL FOR TREATMENT OF CLUBFOOT** | Nikolas JAGODZINSKI, Noel FISHER, Louise BRYAN, Hari PREM (UNITED KINGDOM)                        |
| 27393 | **MANAGEMENT OF IDIOPATHIC CLUBFOOT BY PONSETI TECHNIQUE : OUR EXPERIENCE AT A TERTIARY REFERRAL CENTRE** | Kamal BALI, Aditya MOOTHA, Pebam SUDESH (INDIA)                                                   |
| 30114 | **THE ROLE OF ULTRASOUND IN CLUBFOOT TREATMENT. CORRELATION WITH THE PIRANI SCORE AND ASSESSMENT OF THE PONSETI METHOD.** | Khaled Loutfy EL-ADWAR, Hesham Taha KOTB, Hesham Taha KOTB, Hesham Taha KOTB (EGYPT)             |
| 29997 | **USE OF DYNAMIC VS STATIC ABDUCTION BARS WITH MITCHELL SHOES**     | Shawn GILBERT, David CHONG (UNITED STATES)                                                        |

### 16:30 - 18:00 Free Papers

**ICFC: Long-term Follow-Up Studies & Surgical Intervention**

*Moderators:*  
Franz GRILL (AUSTRIA), Saw AIK (MALAYSIA), Alain DIMEGLIO (FRANCE), Nikolay RUMYANTSEV (RUSSIA)

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<td>29123</td>
<td><strong>REVISION CLUBFOOT SURGERY WITH CALCANEOCUBOID FUSION: RESULTS AT LONG-TERM FOLLOW-UP</strong></td>
<td>Wallace LEHMAN¹, Sonia CHAUDHRY², Alice CHU¹, Dan ATAR³, Debra SALA¹</td>
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PROGRESSIVE SOFT TISSUE RELEASE PROCEDURE FOR IDIOPATHIC CLUBFOOT: 10-YEAR FOLLOW-UP
Noppachart LIMPAFAYOM, Pairatch PRASONGCHIN (THAILAND)

LONG TERM OUTCOMES OF COMPREHENSIVE SURGICAL INTERVENTION VS. PONSETI CASTING IN THE TREATMENT OF IDIOPATHIC CLUBFOOT
Ken N. KUO1, Adam GRAF2, Sahar HASSANI2, Joseph KRZAK2, Angela CAUDILL2, Jason LONG2, Fredrick DIETZ2, Jose MORCUENDE2, Gerald HARRIS2, Peter SMITH2
1(TAIWAN), 2(UNITED STATES)

RESULTS OF TREATMENT OF CLUBFOOT BY THE PONSETI METHOD: 10 YEARS FOLLOW-UP
Luiz Carlos LARA (BRAZIL)

SHORT-TERM CLINICAL RESULTS AFTER THE TREATMENT OF IDIOPATHIC CLUBFOOT — COMPARISON OF PONSETI METHOD AND COMPLETE SUBTALAR RELEASE—
Takeshi KINJO, Masako GOTO, Taichi IRIE, Yoichi KOIKE, Itaru IMAMURA, Masahiro ONUMA, Masamizu OYAMA, Hirotaka SANO, Atsushi KITA (JAPAN)

IS MEASURING THE LENGTH OF THE FOOT A USEFUL TOOL IN THE CLUBFOOT FOLLOW-UP?
Evgenia MANOUSAKI, Hanneke ANDRIESSE, Gunnar HÄGGLUND, Philippe WAGNER (SWEDEN)

IS JESS EXTERNAL FIXATION USEFUL IN TREATING CLUBFOOT?
Ram PRABHOO (INDIA)

FROM CONVENTIONAL ILIZAROV TREATMENT TO PONSETI TAYLOR EXPERIENCES IN CLUBFOOT TREATMENT USING EXTERNAL FIXATION
Franz GRILL, Rudolf GANGER, Christof RADLER, Albert HANDLBAUER (AUSTRIA)

Thursday, 8 September 2011

Club E

08:00 - 09:30

Instructional Course

Role of Pelvic Osteotomy in Early OA

Moderator:
Jaroslaw CZUBAK (POLAND)

OA IN DYSPLASTIC HIP - PATHOBIOLOGY, LIMITS OF TREATMENT
Guido GRAPPIOLO (ITALY)

PRINCIPLES OF PERIACETABULAR OSTEOTOMY IN THE HIP OA TREATMENT - WHY AND HOW I DO IT
Jaroslaw CZUBAK (POLAND)

EVOLUTION IN THE TECHNIQUE OF PERIACETABULAR OSTEOTOMY
Kjeld SOBALLE (DENMARK)

PERIACETABULAR OSTEOTOMY IN EARLY OA - LONG FOLLOW-UP
Klaus SIEBENROCK (SWITZERLAND)

PERSPECTIVES OF PAO FROM LONG-TERM BOSTON EXPERIENCE
Michael MILLIS (UNITED STATES)
10:30 - 12:00 Symposium

How to Write and Publish a Paper

Moderator:
Frank HORAN (UNITED KINGDOM)

HOW TO WRITE A PAPER
Frank HORAN (UNITED KINGDOM)

HOW TO EVALUATE A PAPER
James SCOTT (UNITED KINGDOM)

EVALUATING DIFFERENT TYPES OF PAPERS IN ORTHOPAEDIC LITERATURE
Marius SCARLAT (FRANCE)

INTERNATIONAL ORTHOPAEDICS – TODAY
Marko PECINA (CROATIA)

QUESTIONS AND ANSWERS

14:00 - 15:30 Free Papers

Spine - Deformities I

Moderators:
Mohamed EL-SHARKAWI (EGYPT) & Shoichi KOKUBUN (JAPAN)

28121 PREVENTION OF PROGRESSION OF ADOLESCENT IDIOPATHIC SCOLIOSIS WITH THE NIGHT TIME BENDING BRACE IN A DEVELOPING COUNTRY.
Luigi Andrew SABAL (PHILIPPINES)

29318 SURGERY FOR SEVERE CAMPTOCORMIA IN PARKINSON’S DISEASE
Dharmendra SINGH, Cody BÜNGER, Ebbe Stender HANSEN (DENMARK)

29158 BENEFIT OF PERIOPERATIVE CELL SALVAGE SYSTEM FOR POSTERIOR SPINAL FUSION IN ADOLESCENT IDIOPATHIC SCOLIOSIS
Erbil OGUZ, Serkan BILGIC, Omer ERSEN, Kenan KOCA, Ali SEHIRLIOGLU (TURKEY)

28640 THE USE OF SOMATOSENSORY EVOKED POTENTIAL (SSEP) MONITORING IN THE PREVENTION OF NEUROLOGICAL INJURY IN SPINAL SURGERY: A 5 YEAR REVIEW OF TIMING AND RESPONSE TO AN ABNORMAL TRACE
Ivor VANHEGAN, Gemma CANNON, Syed KABIR, Joseph COWAN, Adrian CASEY (UNITED KINGDOM)

27455 BIOMECHANICAL GROUNDING FOR MINI-INVASIVE TECHNOLOGY OF SPINAL OSTEOSYNTHESIS FOR MANAGEMENT OF PATIENTS WITH SCOLIOSIS
Oksana PRUDNIKOVA (RUSSIA)

28182 THE APPLICATION OF SELECTIVE SCREW INSERTION AND CORRECTION ON THE CONVEX SIDE IN THE TREATMENT OF SCOLIOSIS
Yan-Ping ZHENG, Xin-Yu LIU, Suo-Mao YUAN (CHINA)

30048 HIGHER DEGREES OF CURVE CORRECTION CORRELATE WITH WORSENED SAGITTAL BALANCE
David ROYE, Jaime GOMEZ, Michael VITALE, Hiroko MATSUMOTO, Nicholas COLACCHIO, John EMANS, Stephens RICHARDS, Daniel SUCATO, Mark ERICKSON, James SANDERS, Lawrence LENKE,
Joshua HYMAN (UNITED STATES)

29827 THE INFLUENCE OF BRACE TREATMENT ON THE PULMONARY FUNCTION TEST IN ADOLESCENT IDIOPATHIC SCOLIOSIS
Jianguo ZHANG, Bin YU, Jianxiong SHEN, Yipeng WANG, Guixing QIU (CHINA)

29603 SPONTANEOUS DEROTATION OF THE LUMBAR CURVES DURING THORACIC CURVE CORRECTION AND COMPLEX GEOMETRIC SPINAL TORSION IN AIS.
Martin REPKO, Richard CHALOUPKA, Martin KRBEC (CZECH REPUBLIC)

16:30 - 18:00 Lecture / Free Papers
Spine - Complications in Spine Surgery

Moderators:
Dariush GOURAN SAVADKOOGHI (IRAN) & Lars Rune HEDLUND (SWEDEN)
(to be confirmed)
Lars Rune HEDLUND (SWEDEN)

29714 REDUCTION OF THE DOSE OF IONISING RADIATION IN NAVIGATED TRANSPEDICULAR SCREW PLACEMENT
Radek HART, Martin KOMZÁK, František OKÁL (CZECH REPUBLIC)

29585 CAUSES OF MALPOSITION OF CERVICAL PEDICLE SCREWS INSERTED WITH INTRAOPERATIVE-3D-IMAGE BASED NAVIGATION
Yoshimoto ISHIKAWA, Tokumi KANEMURA, Kotaro SATAKE, Akiyuki MATSUMOTO (JAPAN)

28976 HOW TO INCREASE THE ACCURACY OF CERVICAL PEDICLE SCREW PLACEMENT – ANALYSIS OF CONSECUTIVE 100 CERVICAL TRAUMA CASES TREATED BY A SAME SURGEON
Kota SUDA, Hiroshi TANEICHI, Tomomichi KAJINO, Hiroshi MORIDAIRA, Satoko MATSUMOTO, Seiji IMOTO, Haruki UEDA, Yasuaki TOJO, Terufumi KOKABU, Yaoki NAKAO, Tomohiro SHIMIZU (JAPAN)

28494 PEDICLE SCREW PLACEMENT WITH O-ARM AND STEALTH NAVIGATION
Evalina BURGER, Suresh PATIL, Emily LINDLEY, Vikas PATEL (UNITED STATES)

29848 EVALUATION OF THE PULMONARY COMPLICATIONS OF CONCAVE RIB OSTEOTOMIES IN SCOLIOTIC PATIENTS WITH RIGID CURVES IN SINA HOSPITAL 2001-2003
Dariush GOURAN SAVADKOOGHI, Hooman BAKHSHI, Mir Mostafa SADAT, Zahra MEYGHANI, Mir Mostafa SADAT (IRAN)

30063 DO WE NEED TO KNOW SACRAL HIATUS ANATOMY FOR SUCCESSFUL CAUDAL EPIDURAL BLOCK?
Aditya AGGARWAL, A AGGARWAL, D SAHNI, K HARJIT (INDIA)

30209 TREND OVER TIME AND FACTORS INFLUENCING BLOOD LOSS DURING POSTERIOR SPINAL FUSION IN AIS
Guy GRIMARD, Julie JONCAS, Martin FORCIER, Marjolaine ROY-BEAUDRY, Stefan PARENT, Hubert LABELLE, Benoit POITRAS, Morris DUHAIME (CANADA)
Thursday, 8 September 2011

Club H

08:00 - 12:00

Instructional Course

ARTOF Trauma: Distal Radius Fractures - Hands-on Volar Plating / Blaster Cast

Moderator:
Peter BIBERTHALER (GERMANY)

THEORETICAL MODULE: INTRODUCING THEORETICAL PART REFRESHING THE BACKGROUND OF FRACTURE TREATMENT IN DISTAL RADIUS FRACTURES DRF
Michael ROBINSON (UNITED KINGDOM)

THEORETICAL MODULE: INDICATIONS FOR CONSERVATIVE TREATMENT
James WADDELL (CANADA)

THEORETICAL MODULE: INDICATION FOR SURGICAL THERAPY
Martin LUCKE (GERMANY)

THEORETICAL MODULE: SURGICAL TECHNIQUE FOR VOLAR PLATING AND RESULTS
Steffen RUCHHOLTZ (GERMANY)

THEORETICAL MODULE: FIXATEUR EXTERNE, DORSAL PLATE, K-WIRES
Andreas RUECKER (GERMANY)

THEORETICAL MODULE: HANDS-ON VOLAR PLATING/PLASTER CAST
Philipp AHRENS (GERMANY)

14:00 - 15:30

Free Papers

Knee - Blood Loss Control

Moderators:
Philippe DELINCE (BELGIUM) & Chang Wug OH (SOUTH KOREA)

28833 BLOOD SAVING TECHNIQUES DURING PRIMARY TOTAL KNEE REPLACEMENT
Michalis PANTLEI, Peter DOMOS, Tanuja RUDRA, Willem SHENK, Andrew DUNN (UNITED KINGDOM)

28225 A COMPARATIVE STUDY OF USE OF TOPICAL VERSUS INTRAVENOUS TRANEXAMIC ACID FOR MINIMIZING BLOOD LOSS IN CARDIAC PATIENTS UNDERGOING TOTAL KNEE ARTHROPLASTY
Tanveer Singh BHUTANI, Harpreet Singh GILL, Harmandeep Singh PAWAR (INDIA)

29922 THE COMPARISON OF AMOUNT OF BLOOD FROM WOUND DRAINAGE AFTER TKA BETWEEN POSTOPERATIVE CAST IMMOBILIZATION AND NON IMMOBILIZATION. A RANDOMIZED CONTROLLED TRIAL.
Saran TANTAVISUT, Vajara WILAIRATANA, Yongsak WANGROONGSUB, Srihatach NGARMUKOS,
29115  THE EFFECTS OF PRE AND POST-OPERATIVE HAEMOGLOBIN ON TRANSFUSION REQUIREMENTS AND LENGTH OF STAY IN PATIENTS UNDERGOING A TOTAL KNEE REPLACEMENT
Shruti RAUT, Stephan MERTES, Vikas KHANDUJA (UNITED KINGDOM)

28533  POSTOPERATIVE BLOOD LOSS REDUCTION IN COMPUTER-ASSISTED SURGERY TOTAL KNEE REPLACEMENT BY INTRA-ARTICULAR TRANEXAMIC ACID INJECTION TOGETHER WITH 2-HOUR CLAMP DRAIN: A PROSPECTIVE TRIPLE-BLINDED RANDOMIZED CONTROLLED TRIAL.
Thanaphot CHANNOOM, Paphon SA-NGASOONGSONG, Viroj KAWINWONGGOWIT, Patarawan WORATANARAT, Pongsthorn CHANPLAKORN, Bussanee WIBULPOLPRASERT, Siwadol WONGSAK, Umaporn UDOMSUBPAYAKUL, Supaporn WECHMONGKOLGORN (THAILAND)

29372  THE PERCENTAGE OF POLYMORPHONUCLEAR CELLS (PPMNC) IN SYNOVIAL FLUID SUSPICIOUS FOR PROSTHETIC JOINT INFECTION (PJI) CAN PREDICT REVISION SURGERY AFTER TOTAL KNEE REPLACEMENT (TKR) IN EARLY POSTOPERATIVE STAGE
Byungho LEE, Ki-Hyun JO, Nong Kyoum AHN, Il Seok PARK, Hong-Sub LIM, Su Chan LEE (KOREA SOUTH, KOREA NORTH)

29169  BIOTRANX: A BIOMECHANICAL STUDY OF THE EFFECT OF TOPICAL TRANEXAMIC ACID ON ARTIFICIAL JOINTS.
Praveen SHARDA, T LOU, Martin STANLEY, Tony UNSWORTH (UNITED KINGDOM)

29164  A RANDOMISED CONTROLLED TRIAL OF THE TOPICAL TRANEXAMIC ACID IN TOTAL HIP REPLACEMENT
Praveen SHARDA, Manesh VAGHELA, Anup SHETTY, Antoni NARGOL, Sattar ALSHRIDA (UNITED KINGDOM)

28835  IS ROUTINE USE OF ANTICOAGULANT CHEMOPROPHYLAXIS IN JOINT REPLACEMENT ARTHROPLASTY JUSTIFIED: A CLINICAL STUDY
Chandra Shekhar YADAV, Ashok KUMAR, Sameer NARANGE, Shah KHAN, Shishir RASTOGI (INDIA)

28843  CLINICAL EFFICACY AND SAFETY OF CONTINUOUS INTRA-ARTICULAR LEVOBUPIVACAINE INFUSION FOLLOWING KNEE ARTHROPLASTY
Michalis PANTELI, Ziad DAHABREH, Karen NIBLOCK, Francis HOWELL (UNITED KINGDOM)

16:30 - 18:00 Free Papers

Osteoporosis

Moderators: Patrick HAENTJENS (BELGIUM) & Frankie LEUNG (HONG KONG)

28094  EFFECTS OF STRONTIUM RANELATE OR BISPHosphONATE TREATMENT ON FRACTURE RISK IN WOMEN AGED 80 AND OLDER: META-ANALYSIS
Patrick HAENTJENS, Brigitte VELKENIERS, Dirk VANDERSCHUEREN, Steven BOONEN (BELGIUM)

29303  X-RAY ABSORPTIOmetry INDEXES FOR WOMEN IN POSTMENOPAUSAL PERIOD WITH OSTEOPOROTICAL FRACTURES
Vladyslav POVOROZNYUK, Mashtaler TARAS, Mashtaler ROMAN (UKRAINE)

27888  TIMING FOR ADMINISTRATION OF BISPHosphONATE (Risedronate) AFTER THE OPERATION ON PATIENTS WITH HIP FRACTURE AND OSTEOPOROSIS
Tae-Young KIM (KOREA SOUTH)

28553  COMPARISON BETWEEN SINGH’S INDEX AND PHALANGEAL BMD IN PATIENTS OF FRACTURE PROXIMAL FEMUR WITH REFERENCE TO OSTEOPOROSIS
Kisan PATOND (INDIA)
27266 DISTRIBUTION OF ATYPICAL FRACTURES AND CORTICAL STRESS LESIONS ASSOCIATED WITH BISPHOSPHONATE THERAPY:
Joyce KOH, Seo Kiat GOH, Meng Ai PNG, Alvin NG, Tet Sen HOWE (SINGAPORE)

29298 VITAMIN D-DEFICIENCY AND INSUFFICIENCY IN UKRAINIAN POPULATION
Vladyslav POVOROZNYUK, Nataliya BALATSKA, Victor MUTS, Olena VDOVINA (UKRAINE)

30084 COMBINED PубIC RAMI AND SACRAL OSTEOPOROTIC FRACTURES.
Mustafa ALNAIB, Yusif SHANSHAL, Deiary KADER (UNITED KINGDOM)

28417 EFFECT OF "BIVALOS" THERAPY ON LOWER LEG LENGTHENING IN RABBITS AT PRESENCE OF BONE OSTEOPOROSIS
Leonid SOLOMIN, Georgy NETILKO, Alla USIKOVA, Vladimir POPOV, Andrej LOZDOVSKY, Aleksej BOZHKO (RUSSIA)
### Friday, 9 September 2011

**Forum Hall**

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<td>08:00 - 09:30</td>
<td><strong>Lecture / Free Papers</strong>&lt;br&gt;Hip - Metal-on-Metal Bearing&lt;br&gt;&lt;br&gt;Moderators:&lt;br&gt;William J. MALONEY (UNITED STATES) &amp; Laurent SEDEL (FRANCE)</td>
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<td>09:30 - 10:00</td>
<td><strong>Lecture / Free Papers</strong>&lt;br&gt;Hip - Revision&lt;br&gt;&lt;br&gt;Moderators:&lt;br&gt;Stuart GOODMAN (UNITED STATES) &amp; Maurice HINSENKAMP (BELGIUM)</td>
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#### Lecture / Free Papers

**Hip - Metal-on-Metal Bearing**

- **30290** PROBLEMS WITH METAL-METAL BEARINGS IN TOTAL HIP REPLACEMENT<br>  William J. MALONEY (UNITED STATES)
- **28804** NINE-YEAR CLINICAL EXPERIENCE WITH METAL-ON-METAL HIP RESURFACING<br>  Riccardo ORSINI, Antonio MORONI, Martha HOQUE, Rajesh RAJULE, Giovanni MICERA (ITALY)
- **29552** EARLY RESULTS OF TREATMENT OF ADVERSE REACTION TO METAL DEBRIS<br>  Praveen MEREDDY, Raghavendra SIDAGINAMALE, Jimmy GANDHI, David LANGTON, Rajikanth LOGISHETTY, Nicholas COOKE, Antoni NARGOL (UNITED KINGDOM)
- **28157** ACCURACY, SENSITIVITY, SPECIFICITY AND PREDICTOR VALUE OF SERUM METAL IONS FOR DIAGNOSIS OF ARMD IN MOM HIP.<br>  Amanda KING, Ibrahim MALEK, Narendra RATH, Hemant SHARMA, Alun JOHN (UNITED KINGDOM)
- **28443** OSTEOLYSIS AFTER CONTEMPORARY METAL-ON-METAL TOTAL HIP ARTHROPLASTY<br>  Sang-Min KIM, Youn-Soo PARK, Young-Wan MOON, Seung-Jae LIM, Hyun-Seok YIM, Jae-Woo Shim SHIM (KOREA SOUTH)
- **28933** METAL ON METAL HIPS AND ADVERSE REACTION TO METAL DEBRIS, READING EXPERIENCE.<br>  Sitthu THIAGARAJ, Shawn TAVARES (UNITED KINGDOM)
- **29617** ULTRASOUND FEATURES OF ADVERSE REACTION FOLLOWING METAL ON METAL HIP REPLACEMENT: A CASE CONTROL STUDY.<br>  Kiran SINGISETTI, Praveen MEREDDY, David LANGTON, Ppj RAJU, Antoni NARGOL (UNITED KINGDOM)
- **29557** POOR PROGNOSTIC INDICATORS OF ADVERSE REACTION TO METAL DEBRIS OUTCOMES IN METAL-ON-METAL HIPS<br>  Praveen MEREDDY, Jimmy GANDHI, Raghavendra SIDAGINAMALE, David LANGTON, Nicholas COOKE, Chris TULLOCH, Antoni NARGOL (UNITED KINGDOM)
- **30025** EARLY FAILURE OF THE 36MM MOM PINNACLE TOTAL HIP ARTHROPLASTY<br>  Raghavendra SIDAGINAMALE, Jimmy GANDHI, Praveen MEREDDY, David LANGTON, Tom JOYCE, Rajikanth LOGISHETTY, Chris TULLOCH, Antoni NARGOL (UNITED KINGDOM)
- **27886** METAL ION LEVELS IN METAL-ON-METAL TOTAL HIP ARTHROPLASTY WITH LARGE-DIAMETER HEAD<br>  Masahiro HASEGAWA, Kakunoshin YOSHIDA, Hiroki WAKAYASHI, Akihiro SUDO (JAPAN)

### 10:00 - 11:30

**Lecture / Free Papers**

- **Hip - Revision**

  Moderators:<br>Stuart GOODMAN (UNITED STATES) & Maurice HINSENKAMP (BELGIUM)
30277  REVISION JOINT REPLACEMENT AND OSTEOLYSIS
Stuart GOODMAN (UNITED STATES)

28136  FEMORAL REVISION WITH IMPACTION GRAFTING WITH THE UNCEMENTED MRP-TITAN
REVISION STEM: RESULTS OF A PROSPECTIVE CONTROLLED STUDY OF 243 PATIENTS
Matthias WIMMER, Dieter WIRTZ, Moritz DEML, Nadine KRASKA, Rudolf ASCHERL, Raimund
FORST, Ulrich NOTH, Philipp BERDEL, Oliver WEBER, Sascha GRAVIUS (GERMANY)

28718  REVISION AND RE-OPERATION AT ONE YEAR IN AN RCT OF LARGE ARTICULATIONS IN TOTAL HIP
REPLACEMENT
Oksana HOLUBOWYCZ, Donald HOWIE, Bogdan SOLOMON (AUSTRALIA)

28386  PROXIMAL FEMORAL ALLOGRAFT-PROSTHESIS COMPOSITES WITH CEMENTLESS DISTAL
INTERLOCKING STEM IN REVISION TOTAL HIP REPLACEMENT
Katsufumi UCHIYAMA, Naonobu TAKAHIRA, Kensuke FUKUSHIMA, Takeaki YAMAMOTO,
Mitsutoshi MORIYA, Tadashi KAWAMURA, Rina SAKAI, Moritoshi ITOMAN, Masashi TAKASO
(JAPAN)

29031  REVISION TOTAL HIP ARTHROPLASTY WITH SEVERE PROXIMAL BONE LOSS
Borislav DULIC, Aleksandar TUTOROVIC, Cedomir VUCETIC, Goran TULIC, Sanja TOMANOVIC,
Aleksandar DJURDJEVIC, Radan MILOVANCEVIC, Marko KADIJA (SERBIA)

28353  THE UNCEMENTED CANNULATED CANNULOK REVISION PROSTHESIS: DO WE KNOW ENOUGH
ABOUT IT?
Henry BUDD, Chris LAWRENCE, James WIMHURST, Nader REHMATULLAH, Chris MARTIN (UNITED
KINGDOM)

29505  REVISION TOTAL HIP REPLACEMENT USING FULLY COATED DISTALLY LOCKED LONG STEM
Mohamed AWAD, Nehad EL MAHBOUB, Ahmed GALAL, Waleed ARAFAT (EGYPT)

28446  IS EXTENDED TROCHANTERIC OSTEOTOMY SAFE FOR USE IN 2-STAGE REVISION OF
PERIPROSTHETIC HIP INFECTION?
Sang-Min KIM, Yoon-Soo PARK, Young-Wan MOON, Seung-Jae LIM, Jae-Woo SHIM, Hyun-Seok YIM
(KOREA SOUTH)

28516  INTRAOPERATIVE FEMORAL FRACTURES IN REVISION TOTAL HIP REPLACEMENT: WHOM CAN
WE BLAME?
Ayman EBIED, Sameh MARIE (EGYPT)

Friday, 9 September 2011
Meeting Hall I

08:00 - 09:30
Lecture / Free Papers
Trauma - Shoulder

Moderators:
Jose Sergio FRANCO (BRAZIL) & Pierre HOFFMEYER (SWITZERLAND)
30287  COMPLEX FRACTURES OF THE PROXIMAL HUMERUS
Jose Sergio FRANCO (BRAZIL)

28837  ENDOSCOPIC STABILIZATION OF ACUTE ACROMIOCLAVICULAR JOINT DISLOCATION USING A SYNTHETIC LIGAMENT. RESULTS AFTER A MINIMUM OF 12 MONTHS.
Patrick BOYER, Gilles COHEN, Guy MYLLE, Ferjani BEN HAMIDA, Philippe MASSIN, Philippe HARDY (FRANCE)

28852  VARIABILITY IN CLAVICLE FRACTURES DISPLACEMENT ACCORDING TO PATIENT POSITIONING DURING RADIOLOGIC EVALUATION
Christian ALLENDE, Damian BUSTOS, Pablo BRUNO (ARGENTINA)

28355  OPEN REDUCTION INTERNAL FIXATION OF MIDSHAFT CLAVICLE FRACTURES AUGMENTED WITH AUTOGENOUS BONE GRAFT VERSUS BIORESORBABLE CALCIUM PHOSPHATE: A COMPARATIVE STUDY.
Cyril MAUFFREY, Joe GREEN, Travis CLEGG, David SELIGSON (UNITED STATES)

28902  LOCKING PLATE OSTEOSYNTHESIS OF CLAVICLE NON-UNION
Richard STANGL, Matko DEZULOVIC (GERMANY)

29923  ACROMIOCLAVICULAR JOINT REDUCTION AND RECONSTRUCTION USING SUTURE ANCHOR AND ENDOBUTTON: A MODIFIED SURGICAL TECHNIQUE.
Sumit BANERJEE, H.L. NAG (INDIA)

29700  PLATING FOR FRACTURE CLAVICLE: IS IT ESSENTIAL TO PRESERVE THE SUPRACLAVICULAR NERVES?
Ghanshyam Narayan KHARE (INDIA)

27392  DISPLACED PROXIMAL HUMERAL FRACTURES: AN INDIAN EXPERIENCE WITH LOCKING PLATE
Kamal BALI, Sameer AGGARWAL (INDIA)

10:00 - 11:30  Lecture / Free Papers

ESSSE/SECEC - Shoulder IV

Moderators:
Pierre HOFFMEYER (SWITZERLAND)

30318  LIFE THREATENING SHOULDER TRAUMA
Pierre HOFFMEYER (SWITZERLAND)

30002  EPIDEMIOLOGY OF ADULT HUMERUS FRACTURES (1998-2009)
Rohit DHAWAN, Mirna AL-KHOURI, Vikas SHARMA (UNITED KINGDOM)

29666  MANAGEMENT OF FOUR PART FRACTURE-DISLOCATION OF SHOULDER
Y.J. MAHALE, Naveed AGA (INDIA)

29839  FUNCTIONAL OUTCOME OF HUMERAL SHAFT FRACTURES WITH ANTEGRADE HUMERAL LOCKING INTRAMEDULLARY NAIL.
Sandeep KASHYAP, Mukand LAL (INDIA)

29674  ANGULAR STABILITY PLATE FOR TREATMENT OF THE FRACTURES OF PROXIMAL HUMERUS IN OLD PATIENTS
Carlo F. DE BIASE, Giantony DI GIORGIO, Francesco PEZZILLO, Domenico MAROTTA (ITALY)

30088  COMPLEX HUMERAL FRACTURES: SHOULD WE FIX THESE?
Avtar SUR, Bhalla AMIT, Mahmood TARIQ, Shazad SADIQ (UNITED KINGDOM)
Comparative Study of Proposed Mukherjee’s Shoulder Score for Effective Evaluation of Shoulder Hemiarthroplasty in Indian Scenario
Amitava Narayan Mukherjee, Nirmalya Deb, Ananda Kishore Pal (India)

Plating versus Intramedullary Pin or Conservative Treatment for Mid-Shaft Clavicle Fracture: A Meta-Analysis of Randomized Controlled Trials
Ming Xiang, Zhou Xiang, Xin Duan, Yue Fang, Tao Li (China)

Friday, 9 September 2011
Meeting Hall IV

08:00 - 09:30
Lecture / Free Papers
Knee - Soft Tissue
Moderator:
Anthony J. Hall (United Kingdom)

28156 Implant Position and Knee Alignment after Patient-Specific Unicompartmental Knee Arthroplasty
Franz Kock, Johannes Beckmann, Philipp Lechler, Clemens Baier, Hans - Robert Springorum, Erhan Basad, Joachim Grifka (Germany)

28298 Periprosthetic Tibial Fractures Using the Minimal Invasive Medial Unicompartmental Knee Arthroplasty „Oxford Uni”
Joern Seeger, Peter Aldinger, Michael Clarius (Germany)

29375 Bone Loss During Revision Unicompartmental and Total Knee Replacement: An Analysis of the National Joint Registry Data
Khaled Sarraf, Sam Ousseidi, Naresh Somashek (United Kingdom)

28126 Comparative Study of Proposed Mukherjee’s Shoulder Score for Effective Evaluation of Shoulder Hemiarthroplasty in Indian Scenario
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28156 Implant Position and Knee Alignment after Patient-Specific Unicompartmental Knee Arthroplasty
Franz Kock, Johannes Beckmann, Philipp Lechler, Clemens Baier, Hans - Robert Springorum, Erhan Basad, Joachim Grifka (Germany)

28298 Periprosthetic Tibial Fractures Using the Minimal Invasive Medial Unicompartmental Knee Arthroplasty „Oxford Uni”
Joern Seeger, Peter Aldinger, Michael Clarius (Germany)

29375 Bone Loss During Revision Unicompartmental and Total Knee Replacement: An Analysis of the National Joint Registry Data
Khaled Sarraf, Sam Ousseidi, Naresh Somashek (United Kingdom)

28126 Comparative Study of Proposed Mukherjee’s Shoulder Score for Effective Evaluation of Shoulder Hemiarthroplasty in Indian Scenario
Amitava Narayan Mukherjee, Nirmalya Deb, Ananda Kishore Pal (India)

28388 Plating versus Intramedullary Pin or Conservative Treatment for Mid-Shaft Clavicle Fracture: A Meta-Analysis of Randomized Controlled Trials
Ming Xiang, Zhou Xiang, Xin Duan, Yue Fang, Tao Li (China)
Moderators:
Mourad HAMIDANI (ALGERIA), Luis LOPEZ-DURAN STERN (SPAIN)

29112 REVISION IN KNEE ARTHROPLASTY WITH BONE LOSS USING ROTATING HINGED PROSTHESIS. MID TERM RESULTS.
Miltiadis AVRAMLIDIS, Michail BOZOGLOU, Christos LYRTZIS, Spiridon ALEXIADIS, Aristotelis HATZIDELOS (GREECE)

29519 REVISION TOTAL KNEE ARTHROPLASTY USING TEMPORAL SPACERS
Igor ZAZIRNYI (UKRAINE)

30019 SURFACE MODIFICATION OF IMPLANTS INHIBITS PRIMARY ATTACHMENT IN BIOFILM FORMING BACTERIA
Olufunso ONAYEMI, Mick DONEGAN, John COTTER, Jim O’GARA (IRELAND)

30012 REVISION TYPE KNEE ARTHROPLASTIES: SEMI-CONSTRAINED OR CONSTRAINED? RESULTS AFTER MEAN FOLLOW UP OF 7 YEARS
Luis LOPEZ-DURÁN, Rafael LUQUE, Antonio URDA, Belen RIZO, Rodrigo GARCIA-CRESPO, Fernando MARCO (SPAIN)

29264 USE OF FEMORAL HEAD ALLOGRAFT FOR SEVERE BONE DEFECT IN REVISION TOTAL KNEE ARTHROPLASTY
Churl Hong CHUN, Tae Kyun KIM, Seok Hyun KWON, Keun Churl CHUN (KOREA SOUTH)

30131 SURVIVORSHIP AND REVISION CAUSES IN FIXED MODULAR, FIXED NON-MODULAR AND MOBILE TIBIAL BEARINGS IN PRIMARY TOTAL KNEE ARTHROPLASTY. A REPORT FROM THE NORWEGIAN ARTHROPLASTY REGISTER 1994-2009
Oystein GOTESEN, Birgitte ESPEHAUG, Stein Hakon LASTAD LGRE, Gunnar PETURSSON, Leif Ivar HAVELIN, Ove FURNES (NORWAY)

28722 DETECTION OF PERIPROSTHETIC OSTEOLYSIS IN TOTAL KNEE REPLACEMENTS USING A HUMAN CADAVER MODEL
Bogdan SOLOMON, Roumen STAMENKOV, Andrew MACDONALD, Susan NEALE, David FINDLAY, Donald HOWIE (AUSTRALIA)

29658 PROPIONIBACTERIUM ACNES AS AN AGENT OF PROSTHETIC JOINT INFECTION AFTER HIP AND KNEE ARTHROPLASTY: DIAGNOSTIC AND THERAPEUTIC STRATEGIES
Alexander David LIDDLE (UNITED KINGDOM)

Friday, 9 September 2011
Meeting Hall V

10:00 - 11:30 Lecture / Free Papers

Hip - Osteotomy

Moderators: Philippe CHIRON (FRANCE) & Kjeld SOBALLE (DENMARK)

30278 OUTCOMES AFTER MINIMAL INVASIVE PERIACETABULAR OSTEOTOMY
Kjeld SOBALLE (DENMARK)

28558 CROSS-OVER SIGN AFTER ROTATIONAL ACETABULAR OSTEOTOMY FOR DYSPLASIA OF THE HIP
Yuji YASUNAGA, Takuma YAMASAKI, Keiichiro YAMASAKI, Toshihiro MATSUO, Mitsuo OCHI (JAPAN)

27800 PERIACETABULAR OSTEOTOMY. A SEVEN YEARS EXPERIENCE.
Manuel RIBAS, Rubén LEDESMA, Carlomagno CÁRDENAS - NYLANDER, Vittorio BELLOTTI, Oliver
28288  MODIFIED SALTER INNOMINATE OSTEOOTOMY WITHOUT INTERNAL PINS FIXATION FOR THE TREATMENT OF HIP DISORDERS
Jun Li (CHINA)

29829  CHIRON’S VIEW FOR CAM FEMOROACETABULAR IMPINGEMENT: AN ANATOMIC STUDY
Etienne CAVAIGNAC, Nicolas REINA, Jean Michel LAFFOSSE, Philippe CHIRON (FRANCE)

29857  DOES AN EFFECTIVE NON-OPERATIVE TREATMENT EXIST FOR FEMOROACETABULAR IMPINGEMENT? A SYSTEMATIC REVIEW OF THE LITERATURE
Peter WALL, Damian GRIFFIN (UNITED KINGDOM)

28754  PELVIC AND FEMORAL OSTOTOMIES IN SPASTIC HIP
Petr CHLADEK, Tomas TRC, Alena SCHEJBALOVA (CZECH REPUBLIC)

28751  FEMOROACETABULAR IMPINGEMENT SYNDROMA – OUR EXPERIENCE WITH OSTEOCHONDROPLASTY VIA SURGICAL DISLOCATION AND VIA ANTERIOR MIS APPROACH
Petr CHLADEK, Tomas TRC, Viktor REHACEK, Vojtech HAVLAS (CZECH REPUBLIC)

Friday, 9 September 2011
Panorama Hall

08:00 - 09:30  Symposium

Paediatric Trauma

Moderator:
Patricia FUCS (BRAZIL)

SUPRACONDYLAR FRACTURES IN CHILDREN
George THOMPSON (UNITED STATES)

FOOT AND ANKLE FRACTURES
David ARONSSON (UNITED STATES)

PATHOLOGICAL FRACTURES
John DORMANS (UNITED STATES)

FEMUR FRACTURES
Patricia FUCS (BRAZIL)

FRACTURE INVOLVING THE ENTIRE DISTAL HUMERAL PHYSIS: A PROBLEMATIC PEDIATRIC FRACTURE
Petr HAVRANEK (CZECH REPUBLIC)

10:00 - 11:30  Lecture / Free Papers

Spine - Lumbar

Moderators:
Sabri EL BANNA (BELGIUM) & Wichien LAOHACHAROENSOMBAT (THAILAND)

30266  LUMBAR INTERBODY FUSION WITH CAGES: TWENTY YEARS AFTER
Sabri EL BANNA (BELGIUM)
## Spine - Deformities II

**Friday, 9 September 2011**

**Terrace I**

### Free Papers

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<tr>
<td>08:00 - 09:30</td>
<td><strong>THE INFLUENCE OF MUSCLE FORCES ON THE STRESS DISTRIBUTION IN LUMBAR SPINE</strong></td>
<td>Eva POSNER, Christian WONG, Sebastian DENDORFER, John RASMUSSEN, Erik B. SIMONSEN, Lone HANSEN, Mark DE ZEE (DENMARK)</td>
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<td>08:00 - 09:30</td>
<td><strong>LONGITUDINAL RADIOGRAPHIC CHANGES IN SUCCESSFUL ARTHRODESIS PATIENTS AFTER POSTERIOR LUMBAR INTERBODY FUSION USING A INTERBODY CARBON CAGE—A PROSPECTIVE 5-YEAR STUDY</strong></td>
<td>Tokumi KANEMURA, Yoshimoto ISHIKAWA, Akiyuki MATSUMOTO, Kotaro SATAKE, Yoshihito SAKAI, Zenya ITO, Akio MURAMOTO, Shiro IMAGAMA (JAPAN)</td>
</tr>
<tr>
<td>08:00 - 09:30</td>
<td><strong>SYNOVIAL FACET CYSTS AFTER DECOMPRESSIVE SURGERY FOR LUMBAR SPINAL CANAL STENOSIS - A PROSPECTIVE COHORT STUDY</strong></td>
<td>Akihiro NAGAMACHI, Shunichi TOKI, Takahiko TSUTSUI, Hiroshi YONEZU, Keisuke ADACHI, Kazumasa INOUE, Toru ENDO (JAPAN)</td>
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<td>08:00 - 09:30</td>
<td><strong>THE PREVALENCE OF SPONDYLOLYSIS AND ITS RELATIONSHIP WITH LOW BACK PAIN IN SELECTED POPULATION</strong></td>
<td>Ko SANG-BONG, Cho MYUNG-RAE, Park CHANG-MIN, Baek SEUNG-HOON (KOREA SOUTH)</td>
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<td>08:00 - 09:30</td>
<td><strong>ARE “PATTERNS” OF LUMBAR DISC DEGENERATION ASSOCIATED WITH LOW BACK PAIN ? NEW INSIGHTS BASED ON SKIPPED LEVEL DISC PATHOLOGY</strong></td>
<td>Dino SAMARTZIS¹, Jaro KARPPINEN², Keith LUK¹, Kenneth CHEUNG¹</td>
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<td>08:00 - 09:30</td>
<td><strong>ACUPUNCTURE THERAPY FOR CHRONIC LOWER BACK PAIN: A SYSTEMATIC REVIEW</strong></td>
<td>Dionysios TRIGKILIDAS (UNITED KINGDOM)</td>
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<td>08:00 - 09:30</td>
<td><strong>ROLE OF FACET JOINT TROPISM IN LUMBAR DISC HERNIATION</strong></td>
<td>Gaurav SHARMA, Manish CHADHA, Shobha ARORA (INDIA)</td>
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<td>08:00 - 09:30</td>
<td><strong>INTERVERTEBRAL DISC DEGENERATION ON MRI IS ASSOCIATED WITH LOW BACK PAIN: A POPULATION-BASED STUDY</strong></td>
<td>Dino SAMARTZIS¹, Jaro KARPPINEN², Keith LUK¹, Kenneth CHEUNG¹</td>
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<td>08:00 - 09:30</td>
<td><strong>PARS INTERARTICULARIS REPAIR WITH PERCUTANEOUS SCREW FIXATION</strong></td>
<td>Farhaan ALTAF, Lester WILSON, Philippa TYLER (UNITED KINGDOM)</td>
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**Moderators:**

Cody BÜNGER (DENMARK) & Pierre FABECK (BELGIUM)

### New Understanding of Etiology and Pathogenesis of Idiopathic Scoliosis (IS). Prospects for Its Successful Treatment.

Valentyn SERDYUK (UKRAINE)

### Right Thoracic Curvature Progresses in Adolescent Period in the Normal Spine

Toshiro DOI, Osamu TOHNO, Kiyoshi TARUKADO, Yukihide IWAMOTO (JAPAN)

### Surgical Correction of Scoliosis in Neurofibromatosis: Are All Pedicle Screw Constructs Better?

Toshio DOI, Osamu TOHNO, Kiyoshi TARUKADO, Yukihide IWAMOTO (JAPAN)
29163 THE EFFECTIVENESS OF POSTERIOR ONLY PEDICLE SCREW INSTRUMENTATION IN THE TREATMENT OF SEVERE SCOLIOSIS (GRATER THAN 70 DEGREES)
Erbil OGUZ, Serkan BILGIC, Omer ERSEN, Tolga EGE, Yuksel YURTAS, Ali SEHIRLOGLU (TURKEY)

29823 CORONAL AND SAGITTAL PLANE CORRECTION OF THE MAIN THORACIC CURVE IN ADOLESCENT IDIOPATHIC SCOLIOSIS: A COMPARISON OF DIFFERENT FIXATION DENSITY
Jianguo ZHANG, Bin YU, Yipeng WANG, Guixing QIU (CHINA)

29344 POSTERIOR SELECTIVE THORACIC FUSION IN LENKE I C ADOLESCENT IDIOPATHIC SCOLIOSIS
Stanko MILICKOVIC, Zdeslav MILINKOVIC, Oleg KRNETA, Vojislav BASARA, Vladimir LALOSEVIC, Budimir JESIC, Zdravko POLEKSIC, Aleksandar CURCIC (SERBIA)

29130 ASYMMETRIC PEDICLE SUBTRACTION OSTEOTOMY: A USEFUL TOOL FOR SEVERE ScoliOTIC DEFORMITIES
Mohammad EL-SHARKAWI, Wael KOPTAN, Yasser EL-MILIGUI, Essam EL-SHERIF (EGYPT)

29396 TRUNK DIS-PROPORTIONALITY REGRESS DYNAMICS IN THE SCOLIOTIC SPINE DEFORMITIES
Darya TESAKOVA, Dmitry TESAKOV (BELARUS)

10:00 - 11:30
Lecture / Free Papers

Trauma - Soft Tissue & Miscellaneous

Moderators:
Jean-Louis ROUVILAIN (FRANCE) & Hatem SAID (EGYPT)

30298 PERCUTANEOUS REPAIR OF ACUTE ACHILLES TENDON RUPTURE
Jean Louis ROUVILAIN, Thomas NAVARRE, Octavio LABRADA BLANCO, Emmanuel GARRON, Wael DAOUD, Cyril GANE, Chafiq ZEKHNINI (MARTINIQUE)

29865 MANIPULATION OF THE INVOLUCRUM FOR FEMORAL RECONSTRUCTION AFTER CIERNY-MADER TYPE IV OSTEOMYELITIS: A NEW CLASSIFICATION SCHEME AND MANAGEMENT ALGORITHM.
## Instructional Course

**TKR Balancing**

**Moderator:**
Antonin SOSNA (CZECH REPUBLIC)

**Biomechanics of the Knee Joint Rationale for the Design and Balancing of the TKR**
Vera PINSKEROVA (CZECH REPUBLIC)

**Optima Rotational Adjustment of the Femoral Component in Total Knee Arthroplasty**
Karel KOUDELA, Karel KOUDELA JR, Jana KOUDELOVA (CZECH REPUBLIC)

**Our Own Simple System of Ligament Balancing of the Knee Joint**
Antonin SOSNA, David POKORNY (CZECH REPUBLIC)

## Free Papers

### Sports Traumatology - Cartilage

**Moderators:**
Milan HANDL (CZECH REPUBLIC) & Ulrich NÖTH (GERMANY)

**28466**
**Evaluation of Outcomes in Conservatively Managed Concomitant Type A and B Posterolateral Corner Injuries in ACL Deficient Patients Undergoing ACL Reconstruction.**
Kamal BALI, Mandeep DHILLON, Narendranath AKKINA, Sharad PRABHAKAR (INDIA)

**29516**
**Isolated Injuries of the Posterior Cruciate Ligament. A Seven-Year Follow-Up.**
Athanassios PAPANIKOLAOU, Christos THANASSAS, George PAPADIMITRIOU, Evangelos TSIALOJIANNIS, Grigoris KATSOLIS (GREECE)

**28492**
**The Effect of Proximal Tibial Valgus Osteotomy on Articular Cartilage Pressure After Medial Meniscectomy: A Finite Element Model Study**
Halil ATMACA, Cumhur Cevdet KESEMENLI, Kaya MEMISOGLU, Arif ÖZKAN (TURKEY)

**27892**
**Arthroscopic Cartilage Regeneration Facilitating Procedure for OA Knee**
Shaw-Ruey LYU (TAIWAN)

**28683**
**A Generalised Linear Model to Predict Outcome Following Autologous Chondrocyte Implantation for Osteochondral Defects of the Knee.**
Parag Kumar JAISWAL, Simon MACMULL, Tim MORRIS, Richard CARRINGTON, John SKINNER, Tim BRIGGS, George BENTLEY (UNITED KINGDOM)

**30135**
**Mesenchymal Stem Cells in Combination with Chondrocytes in the Treatment of Deep Articular Surface Defect**
Ladislav PLANKA, Robert SRNEC, Petr RAUSER, David STARY, Jana JUHASOVA, Jiri KLIMA, Lucy VOITOVA, Josef JANCAR, Karel VESELY, Petr GAL, Alois NECAS (CZECH REPUBLIC)

28631  **COMBINED ANTERIOR CRUCIATE LIGAMENT REPAIR AND AUTOLOGOUS CHONDROCYTE IMPLANTATION**  
Baljinder DHINSA, Syed NAWAZ, Kieran GALLAGHER, Richard CARRINGTON, Tim BRIGGS, John SKINNER, George BENTLEY (UNITED KINGDOM)

29832  **PRELIMINARY RESULT OF CLINICAL FEASIBILITY TO REPAIR ARTICULAR CARTILAGE DEFECT WITH AUTOGENOUS CHONDROCYTE IMPLANTATION BY A NOVEL BIPHASIC OSTEOCHONDRAL COMPOSITE**  
Hongsen CHIANG, Ching-Chuan JIANG, Chun-Jen LIAO (TAIWAN)

**Friday, 9 September 2011**

**Club B**

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| 08:00 - 09:30 | **Instructional Course**  
**Musculoskeletal Tumours in Children: Evaluation and Treatment 2011**  
**Moderator:** John DORMANS (UNITED STATES)  
**INTRODUCTION**  
John DORMANS (UNITED STATES)  
**BENIGN TUMOR GROUP (3 OR 4 BENIGN TUMORS SOFT TISSUE, FIBROUS DYSPLASIA, ADAMANTINOMA, NOFS, OSTEOFIBROUS DYPLASIA, ETC)**  
Maximilian RUDERT (GERMANY)  
**BENIGN TUMOR GROUP (UBC, ABC, OO, LCH)**  
John DORMANS (UNITED STATES)  
**CASES**  
Juan PRETELL (UNITED STATES)  
**MALIGNANT TUMOR GROUP (APPROACH TO MALIGNANT TUMORS)**  
Maximilian RUDERT (GERMANY)  
**MALIGNANT TUMOR GROUP (APPROACH TO MALIGNANT BONE TUMORS - EMPHASIS ON RECONSTRUCTION)**  
John DORMANS (UNITED STATES)  
**CASES**  
Juan PETRELL (UNITED STATES) |
| 10:00 - 11:30 | **Symposium**  
**Ultrasound in Orthopaedics**  
**Moderator:** Tomas TRC (CZECH REPUBLIC)  
**CURRENT POSSIBILITIES OF MUSCULOSKELETAL ULTRASOUND**  
Lubos HRAZDIRA (CZECH REPUBLIC) |
DDH ULTRASONOGRAPHY HIP SCREENING
Reinhard GRAF (AUSTRIA)

BASIC PRINCIPLES OF MUSCULOSKELETAL ULTRASOUND
Ondrej BENACKA (CZECH REPUBLIC)

FUNCTION OF THE JOINTS UNDER ULTRASOUND CONTROL
Petr CHLADÉK (CZECH REPUBLIC)

Friday, 9 September 2011

*Club C*

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<td><strong>Trauma - Miscellaneous I</strong></td>
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<td><em>Moderators:</em> Vladislav FRIC (CZECH REPUBLIC) &amp; Thamer HAMDAN (IRAQ)</td>
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<td>29733 Autoologous Bone Marrow Cells with Collagen Fleece in Treatment of Lower Limb Non-Union: A New Method</td>
<td>Ehab Mohamed SHEHATA (EGYPT)</td>
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<td>27275 Stimulation of Fracture Healing with Pulsed Electromagnetic Fields: Potentials in Non-Union Management</td>
<td>Angelos ASSIOTIS, Nick SACHINIS, Ioannis PENGAS, Ahmad ALI (UNITED KINGDOM)</td>
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<td>29177 Intra-Osseous Blackthorn Granuloma: A Rare Case Report</td>
<td>Ashok MARUDANAYAGAM, Sadai APPAN, Taimoor MIAN, Karen BRADSHAW (UNITED KINGDOM)</td>
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<td>29859 Can In-Hospital Medication Reviews Reduce Re-Admissions, New Falls and Fractures After Hip Fracture?</td>
<td>Cecilia ROGMARK, Maria HÄRSTEDT, Ingemar SERNBO, Artur FEDOROWSKI (SWEDEN)</td>
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<td>29683 Negative Pressure Wound Therapy in an Indian Setting</td>
<td>Ratna JOHARI, Govind KULKARNI, Shalin MAHESHWARI (INDIA)</td>
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<td>28857 Can Patient Discharge from a Trauma Unit Be Improved by Dedicated Discharge Nurses?</td>
<td>Sean MCKENNA, David ANDERSON (UNITED KINGDOM)</td>
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<td>26974 CK-MB/CK Ratio as an Indirect Predictor for Survival in Patients with Polytrauma</td>
<td>Florian M KOVAR, Endler GEORG, Vilmos VECSÉI, Stefan HAJDÚ, Thomas HEINZ, Oswald F. WAGNER, Silke ALDRIAN (AUSTRIA)</td>
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<td>28330 Distraction Osteogenesis and Bone Transport by Monolateral External Fixator for Infected Nonunion of Femur Diaphysis with Bone Loss</td>
<td>Vinod SHARMA, Sumit BATRA, Aman GOYAL, Vikas GUPTA, Sumit ARORA (INDIA)</td>
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<td>27702 Outcomes of Hip Fracture Patients with Renal Impairment</td>
<td>Prithee JETTOO, P J GILL (UNITED KINGDOM)</td>
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**Strategy of Orthopaedic Treatment in Cerebral Palsy Patients**

*Moderator:*
Alena SCHEJBALOVA (CZECH REPUBLIC)

**Management of Cerebral Palsy in Hands of Neurologist**
Josef KRAUS (CZECH REPUBLIC)

**Does Gait Analysis Contribute to Management of Cerebral Palsy Patients?**
Martin SVEHLÍK (AUSTRIA)

**Soft Tissue Surgery Overview**
Alena SCHEJBALOVA (CZECH REPUBLIC)

**Surgical Procedures in the Hip Area**
Petr CHLÁDEK (CZECH REPUBLIC)

**Surgical Procedures in the Knee Area**
Milan KOKAVEC (SLOVAKIA)
MANAGEMENT OF FOOT DEFORMITIES
Jan POUL (CZECH REPUBLIC)

CONCLUSION & DISCUSSION

10:00 - 11:30
Symposium
WOC: Infections

Moderator:
Ger OLIJOEK (NETHERLANDS)

THE TREATMENT OF (NEGLECTED) FRACTURES IN DEVELOPING COUNTRIES, SAFETY FIRST!
Ger OLIJOEK (NETHERLANDS)

QUALITY OF ORTHOPAEDIC CARE IN DEVELOPING COUNTRIES - STRATEGIES TO IMPROVE
Anil JAIN (INDIA)

ORTHOPAEDIC CLINICAL OFFICER PROGRAM IN MALAWI - A MODEL FOR PROVIDING ORTHOPAEDIC CARE
Christopher NGULUWE (MALAWI)

CONSERVATIVE; NON OPERATIVE MANAGEMENT OF FRACTURES
Fred OTSYENO, Josephat MULIMBA (KENYA)

PATHOLOGICAL FRACTURE OF THE FEMUR FROM KAPOSI SARCOMA. MANAGEMENT OPTIONS IN THE DEVELOPING WORLD
Michael LAURENCE (UNITED KINGDOM)

PRIMARY ORTHOPAEDIC CARE; THE PLACE OF THE BONE SETTER IN MANAGEMENT
Abera JIMMA (ETHIOPIA)

29990 DEWORMING THE PATIENTS REDUCES SURGICAL SITE INFECTIONS IN A DEVELOPING COUNTRY .
Ghanshyam Narayan KHARE (INDIA)

Friday, 9 September 2011

Club E

08:00 - 09:30
Free Papers
Trauma - Proximal Femur II

Moderators:
Vane ANTOLIC (SLOVENIA) & Mohammed Hassan DARWISH (OMAN)

28119 PATHOLOGICAL FRACTURES OF THE PROXIMAL FEMUR: A REVIEW OF 143 CASES
Asif KHAN, Martyn PARKER (UNITED KINGDOM)

27703 HIP FRACTURE PATIENTS ON WARFARIN-CAN WE MINIMISE DELAY TO SURGERY?
Prithee JETTOO (UNITED KINGDOM)

27804 TO STUDY THE DYNAMIC MRI CURVE PATTERNS OF HIP IN PATIENTS WITH INTRACAPSULAR FRACTURE NECK OF FEMUR PREOPERATIVELY AND 6 MONTHS POSTOPERATIVELY
Ankit GOYAL, Mathew VARGHESE, Balu SANKARAN (INDIA)

30085 TREATMENT OF DISPLACED FEMORAL HEAD FRACTURES: RESULTS AND COMPLICATIONS
Dian ENCHEV, Marcho MARKOV, Nikolai TIVCHEV, Simeon ALTANOV (BULGARIA)
THE EFFECT OF FRACTURE PATTERN AND IMPLANT TYPE ON STABILITY OF TYPE 31-A2 PROXIMAL FEMUR FRACTURES
Amir MATITYAHU, Meir MARMOR, Kate LIDDLE, Jennifer BUCKLEY (UNITED STATES)

EFFECT OF VARUS AND VALGUS ALIGNMENT ON IMPLANT LOADING AFTER PROXIMAL FEMUR FRACTURE FIXATION
Amir MATITYAHU, Meir MARMOR, Kate LIDDLE, Jennifer BUCKLEY (UNITED STATES)

A SYSTEMATIC EVALUATION OF 250 CASES OF FRACTURE PROXIMAL THIRD FEMUR STABILIZED WITH BI-AXIAL FIXATION (HIP SCREW WITH A DE-ROTATION SCREW)
Milind MODAK (INDIA)

INTERNATIONAL SURVEY OF TRAUMA AND ORTHOPAEDIC SURGEONS ON OPERATIVE MANAGEMENT OF EXTRACAPASULAR HIP FRACTURES.
Prithee JETTOO¹, Nc BAYLISS², A P SCHULZ²
¹(UNITED KINGDOM), ²(GERMANY)

INCIDENCE OF HIP FRACTURE IN SOUTHEASTERN NORWAY. A FOLLOW-UP STUDY
Sam POLESIE, Ulf SIGURDSEN, Kristian BJORGUL (NORWAY)

IMPLEMENTATION OF AN EVIDENCE BASED DEPARTMENTAL PROTOCOL FOR HIP HEMIARTHROPLASTY IMPROVES CLINICAL OUTCOME AND IS COST EFFECTIVE
David WORDSWORTH, Anthony RAYMOND, Stephen PRYKE (UNITED KINGDOM)

10:00 - 11:30 Lecture / Free Papers
Arthroplasty - Hemiarthroplasty

Moderators:
Abdullah AL-OTHMAN (SAUDI ARABIA) & Rajeev NAIK (INDIA)

RECENT TRENDS AND PREVENTION OF COMPLICATIONS IN MANAGEMENT OF FRACTURES OF PROXIMAL FEMUR
Rajeev NAIK (INDIA)

A DISCUSSION : NON-CARDIAC SURGERY (DYNAMIC HIP SCREW : DHS) IN SAME SITTING AS A CABG IN A PATIENT SUFFERING FROM ACUTE MYOCARDIAL INFARCTION
Tanveer Singh BHUTANI, Harpreet Singh GILL (INDIA)

OSTEOPOROTIC HIP FRACTURES SHOULD BE FIXED SURGICALLY IN THE VERY OLD
Janise LEE, Joyce KOH, Fook STEPHANIE, Tet Sen HOWE (SINGAPORE)

STRATEGIES TO IMPROVE THE MANAGEMENT OF HIP FRACTURES WITHIN A LARGE TEACHING HOSPITAL
Simon GRAHAM, Adam PECKHAM-COOPER, James JOEL, Tom GOFF, Nicholas FREW (UNITED KINGDOM)

MID-TERM OUTCOME OF HIP FRACTURE PATIENTS: A STUDY ON MORTALITY AND MORBIDITY
Janise LEE, Joyce KOH, Tet Sen HOWE (SINGAPORE)

Cecilia ROGMARK, Olof LEONARDSSON, Johan KÅRKHOLM, Göran GARELLICK (SWEDEN)

UNIPOLAR VERSUS BIPOLAR HEMIARTHROPLASTY FOR DISPLACED FEMORAL NECK FRACTURES IN THE ELDERLY: IS THERE A DIFFERENCE?
Dennis NG, Kevin LEE (SINGAPORE)

UNCEMENTED THOMPSON’S HEMIARTHROPLASTY IN ELDERLY PATIENTS WITH HIP FRACTURES; ARE THEY APPROPRIATE?
Sean McKenna, Sean Kelly, D F Finlayson (United Kingdom)

29906 Monoblock Hemiarthroplasties for Femoral Neck Fractures – A Part of Orthopaedic History?
Cecilia Rogmark, Johan Kärrholm, Olof Leonardsson, Göran Garellick (Sweden)

Friday, 9 September 2011

Club H

Instructional Course

Clubfoot Treatment - Evaluation of Ponseti Method

Moderator:
Pavel Dungl (Czech Republic)

Pathomorphology of Clubfoot
Ernesto Ippolito (Italy)

Pathomorphology of Clubfoot
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Classification Systems of Congenital Clubfoot
Alain Dimeglion (France)

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Treatment by Manipulation ACC to Ponseti Principles
Jiri Chomiak (Czech Republic)

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Evaluation of the Results of Clubfoot Treatment Including Gait Analysis
Franz Grill (Austria)

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Surgical Treatment of Relapsed Clubfoot, of Residual Deformities and Complications
Rüdiger Krauspe (Germany)

Surgical Treatment of Relapsed Clubfoot, of Residual Deformities and Complications
Rüdiger Krauspe (Germany)
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<td><em>Moderators:</em> Hashem ALKHATIB (UNITED ARAB EMIRATES) &amp; Erdal CILA (TURKEY)</td>
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<td>Victor VOLOSHIN, Konstantin SHEVYRIEV, Vladimir ZUBIKOV, Anatoliy EREMIN (RUSSIA)</td>
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<td>Sujith SIDHARATHAN, Andrew JARVIS (UNITED KINGDOM)</td>
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<td>HOW VALID ARE FOOT AND ANKLE OUTCOMES MEASURES AND INSTRUMENTS?</td>
<td>Diarmuid DE FAOITE¹, Beate HANSON², Michael SUK², David HELFET²</td>
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<td>¹(SWITZERLAND), ²(UNITED STATES)</td>
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