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### Symposium

**Fractures Around the Knee**

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

- **FRACTURE AROUND THE KNEE-INTRODUCTION**
  Vilmos VECSEI (AUSTRIA)

- **PERIPROSTHETIC FRACTURES - DIAGNOSTIC AND CURRENT CONCEPTS**
  James WADDELL (CANADA)

- **TREATMENT OPTION IN THE TREATMENT OF DISTAL FEMORAL FRACTURES**
  Dariush GOURAN SAVADKOOH (IRAN)

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

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

- **TIBIA PLATEAU**
  Reinhard SCHNETTLER (GERMANY)

### Lecture / Free Papers

**Hip - THA Outcome**

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

- **RELEVANT OUTCOME ASSESSMENT IN THR**
  Henrik MALCHAU (UNITED STATES)

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

- **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
Didier MAINARD¹, Julien MAYER¹, Didier GUIGNAND¹, Francois DAUBRESSE², Jean-Manuel POIRECUTTE², Laurent GALOIS¹
¹(FRANCE), ²(BELGIUM)

29109  EARLY LOOSENING OF AL2O3 FREE SURFACE ZWEYMUELLER FEMORAL STEMS IN TOTAL HIP ARTHROPLASTY - A PROSPECTIVE RANDOMIZED STUDY USING DUAL-X-RAY-ABSORPTIOMETRY
Michael Tobias HIRSCHMANN, Lukas Dominik BURGER, Faik Kamel AFIFI, Lena FRIEDRICH, Carsten HELFRICH, Niklaus Felix FRIEDERICH (SWITZERLAND)

29508  RESULTS OF CEMENTLESS THA IN INDICATIONS FOR NARROW FEMORAL CAVITIES
Steffen KOHLER (GERMANY)

29113  IS OSTÉONECROSIS A PREDICTOR OF POOR OUTCOMES IN PRIMARY TOTAL HIP ARTHROPLASTY?
Henning R. JOHANSSON¹, Michael G. ZYWIEL², David R. MARKER², Michael A. MONT¹
¹(GERMANY), ²(UNITED STATES)

28661  THE INFLUENCE OF DEMOGRAPHIC FACTORS, SURGICAL APPROACHES AND IMPLANT DESIGN ON LONG-TERM OUTCOME OF TOTAL HIP REPLACEMENT
Manouchehr VAHID FARAHMANDI (IRAN)

28774  JOINT REPLACEMENT REVIEWS CONDUCTED BY PHYSIOTHERAPISTS – A SAFE AND EFFECTIVE MODEL
Bernarda CAVKA, Andrew BUCKNILL, Arlee HATFIELD, Belinda CAREY (AUSTRALIA)

28763  RETURN TO WORK AFTER TOTAL HIP REPLACEMENT. WHAT SHOULD WE TELL PATIENTS?
Gareth TURNBALL, Jonathan COWIE, Andrew KER, Steffen BREUSCH (UNITED KINGDOM)

15:30 - 16:00  Plenary Lecture

30657  EVIDENCE-BASED ORTHOPAEDICS: WHAT DOES THAT ACTUALLY MEAN?
James WRIGHT (CANADA)

16:00 - 17:30  Lecture / Free Papers

Hip - Periprosthetic Fractures and Dislocations

Moderators:
Daniel BERRY (UNITED STATES) & Peter HERBERTS (SWEDEN)

30310  TREATMENT OF PERIPROSTHETIC FEMUR FRACTURES ASSOCIATED WITH REVISION TOTAL HIP ARTHROPLASTY
Daniel BERRY, Matthew ABDEL, David LEWALLEN (UNITED STATES)

29604  AN ANALYSIS OF THE FAILURE RATES OF LOCKING PLATE FIXATION OF PERIPROSTHETIC FRACTURES OF THE HIP
Simon GRAHAM, Adam PECKHAM-COOPER, James JOEL, Tom GOFF, Eleftherios TSIRIDIS (UNITED KINGDOM)

29881  IS MOVEMENT RESTRICTIONS AFTER HEMIARTHROPLASTY TREATMENT OF FEMORAL NECK FRACTURES NECESSARY?
Cecilia ROGMARK, Inger NILSSON, Louise DAHLQVIST, Cecilia ARVIDSSON, Olof LEONARDSSON, Kristina ÅKESSON (SWEDEN)

28733  REDUCED OPERATING RISKS WITHOUT COMPROMISED COMPONENT STABILITY WHEN TREATING SELECTED B2 PERIPROSTHETIC FEMORAL FRACTURES BY INTERNAL FIXATION WITH STEM RETENTION RATHER THAN STEM REVISION
Donald HOWIE, Saleem HUSSENBOCUS, Tania CARBONE, Bogdan SOLOMON (AUSTRALIA)
INCIDENCE OF IMPLANT FRACTURES AT TOTAL HIP ARTHROPLASTY: A COMPREHENSIVE LITERATURE REVIEW INCLUDING ARTHROPLASTY REGISTER DATA
Reinhard SCHUH, Wolfram PAWELKA, Gerold LABEK (AUSTRIA)

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 LACHANİETTE (FRANCE)

DOES THE DOUBLE MOBILITY CUP HAVE A LOW RISK OF DISLOCATION?
Ana TORRES1, Jean Michel LAFFOSSE2, Antonio MEROÑO1, Antonio MURCIA1, Jean PUGET2
1(Spain), 2(France)

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)

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)

CURRENT STATUS AND TRENDS WITH THE REVERSE TOTAL SHOULDER ARTHROPLASTY - THE THIRD GENERATION GRAMMONT PROSTHESIS
Marius SCARLAT, Emmanuel BAULOT, Pierre TROUILLOUD (FRANCE)

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

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

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

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

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

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)
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<td>Dhyan Patel (India)</td>
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### Instructional Course

**Revision of Total Knee Arthroplasty – principles and results**

**Moderators:**
- Urs Munzinger (Switzerland)

- Removal 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)

### Tuesday, 6 September 2011

**Meeting Hall V**

### Free Papers

#### Trauma - Humerus

**Moderators:**
- Vojtech Havlas (Czech Republic) & Hatem Said (Egypt)

- IS THE MINIMALLY INVASIVE PLATE OSTEOSYNTHESIS (MIPO) BY ANTERIOR APPROACH THE BEST OPTION FOR DISTAL THIRD HUMERAL FRACTURES?
  - Paul Dan Sirbu, Razvan Asaftei, Tudor Petreus, Eugen Carata, Vladimir Poroch, Grigore Berea, Paul Dan Botez (Romania)

- EARLY EXPERIENCE OF THE IMPACTION METHOD IN COMBINATION WITH A LOCKING PLATE FOR THE PROXIMAL HUMERAL FRACTURES IN OLDER ADULTS.
  - Jiro Namba, Tatsuji Fujiwara, Ko Temporin, Koji Yamamoto (Japan)

- CAN WE STILL RELY ON RUSH NAILS FOR FRACTURES OF THE HUMERAL DIAPHYSIS?
  - Yogesh Sharad Salphale, Wasudeo Gadegone (India)

- REVISION WITH PLATES OF HUMERUS NONUNIONS SECONDARY TO INTRAMEDULLARY NAILING.
  - Christian Alende, Damian Bustos, Pablo Bruno (Argentina)

10
TREATMENT OF HUMERAL SHAFT NON-UNIONS AFTER INTRAMEDULLARY AND INTERLOCKED INTRAMEDULLARY NAILING
Asen Baltov, Nedelcho Tzachev, Borislav Zlatev, Andrey Iotov (BULGARIA)

Free Papers

Trauma Committee - Fractures Around the Knee I: Distal Femur

Moderators:
Peter Bibertehler (GERMANY) & Hitendra Doshi (SINGAPORE)

PRO-POLYAXIAL LOCKING PLATE
Peter Bibertehler (GERMANY)

PRO-NAIL
Andreas Ruecker (GERMANY)

Prospective Evaluation of Locking Plate Construct for Osteosynthesis of Complex Intra-articular Distal Femoral Fractures.
Vivek Trikha (INDIA)

Open Reduction and Internal Fixation of Supracondylar Fractures of the Femur by the Locking Compression Plate.
Nehad El Mahboob, Waleed Arafat, Mohamed Awad (EGYPT)

HOFFA Fractures – How Uncommon Are They?
Marta Gomes (PORTUGAL)

Mipo Technique for Distal Femur Fractures in the Elderly – A Retrospective Study
Hitendra Doshi, Wenxian PNG, Vaarun Burgula, Diarmuid Murphy (SINGAPORE)

TREATMENT OF THE PATIENTS WITH COMPLEX SEGMENTAL (C2) AND COMPLEX ALLORHYTHMIC (C3) FRACTURES OF SHIN BONE
Anton Selitskiy, Oleg Kezlya (BELARUS)

Tuesday, 6 September 2011
Panorama Hall

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 Samartzis, Patrick Vavken, Hitesh Modi, Kenneth Cheung, Keith Luk
1(Hong Kong), 2(UNITED STATES)

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, Michał 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 FRACUTRES  
Zdeslav MILINKOVIC, Stanko MILICKOVIC, Oleg KRNETA, Draza DOZIC (SERBIA)

29288  LONG-TERM FOLLOW-UP OF LUMBAR TOTAL DISC REPLACEMENT.  
Thomas TAMPERE, Dimitri VERBRUGGEN, Gwen SYS, Thierry PARLEVLIET, Bart POFFYN, Dirk UYTTENDAELE (BELGIUM)

29345  PROTEOMIC ANALYSIS POST ACUTE SPINAL CORD INJURY IN HUMAN.  
Kayode ODUWOLE, Alan LANG, Kingsley CHUKWUYERENWA, Damian MCCORMACK, Ashley POYNTON (IRELAND)

29565  LUMBIIACL FIXATION IN PELVIC RING FRACTURES  
Jíří SKÁLA-ROSENBAUM, Valér DŽUPA, Pavel DOUŠA, Martin KRBEC (CZECH REPUBLIC)

16:00 - 17:30  Free Papers  
Spine - Vertebroplasty

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

28190  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)

29677  VERTEBROPLASTY TECHNIQUE OPTIMIZATION EXPERIENCE  
Nikolay CHUMAK, Andrey BABKIN, Alexandr BELETSKI (BELARUS)

30120  PREVENTION OF DEVASTATING COMPLICATIONS FOLLOWING VERTEBROPLASTY, A ‘TECHNICAL NOTE ’-  
Sandesh LAKKOL, Shailesh HADGAONKAR, Chandra BHATIA, Manoj KRISHNA (UNITED KINGDOM)

27311  DIFFERETIATED APPROACH TO KYPHO- AND VERTEBROPLASTY IN SPINE FRACTURES  
Alexander TOMA, Svetlana GRAMMA, Anna ANISIMOVA, Ilya TOMA (RUSSIA)

27258  KYPHO-IORT: TECHNICAL FEASIBILITY OF A NOVEL COMBINED KYPHOPLASTY AND INTRAOPERATIVE RADIATION FOR SPINAL METASTASES  
René SCHMIDT, Udo OBERTACKE (GERMANY)

29145  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 SINGH\(^1\), Andrea LA MAIDA\(^2\)
\(^1\)(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

**13:30 - 15:00**

- **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, Yaser KHALIFA (EGYPT)

- **29182** VESICO-CUTANEOUS FISTULA FOLLOWING PUBIC RAMI FRACTURE – A CASE REPORT
  Ashok MARUDANAYAGAM, Chandrasekhar DHANNANA, Sadai APPAN (UNITED KINGDOM)

- **27905** FUNCTIONAL OUTCOME SCORES OF PERCUTANEOUS SI SCREW FIXATION OF TILE TYPE C FRACTURES USING THE MAJEED AND IOWA PELVIC SCORES
  Ingrid RADOVANOVIC, Syah BAHARI, Joseph QUEALLY, John MCELWAIN (IRELAND)

- **29926** SELECTION OF SURGICAL METHOD FOR TRANSACETABULAR FRACTURES –A DIFFERENTIAL APPROACH.
  Victor VOLOSHIN, Vladimir ZUBIKOV, Dmitriy MARTYNENKO, Anatoliy GALKIN, Lev SHERMAN, Saravanar ARUMUGAM (RUSSIA)

- **27625** TRICORTICAL ILIAC CREST GRAFT IN RECONSTRUCTION OF COMMINUTED POSTERIOR WALL ACETABULUM FRACTURE
  Sujit Kumar TRIPATHY, Ramesh Kumar SEN, Sameer AGGARWAL (INDIA)

- **28230** THE MODIFIED STOPPA APPROACH FOR ACETABULAR FRACTURES: WHAT IS POSSIBLE AND WHAT IS IMPOSSIBLE?
  Osama FAROUK, Ayman KAMAL, Mohammed REFAIE, Mahmoud BADRAN, Mina DAWOOD (EGYPT)

- **28490** LONG-TERM RESULTS OF SURGICAL TREATMENT OF COMPLEX FRACTURES OF THE ACETABULUM
  Alyaksandr MURZICH, Alyaksandr BELETSKIY, Andrey VORONOVICh (BELARUS)

**16:00 - 17:30**

- **Free Papers**
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 SALPHALE (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)

27180 A COMPARATIVE STUDY OF THE INTERNAL FIXATION OF INTERTROCHATERIC FRACTURES USING SLIDING HIP SCREW WITH PLATE AND PROXIMAL FEMORAL NAIL.
Shreenath KULKARNI, Govind KULKARNI, Sunil KULKARNI, Milind KULKARNI (INDIA)

30094 OPERATIVE POSTPONEMENT DUE TO ACUTE MEDICAL PATHOLOGY IN PROXIMAL FEMORAL FRACTURES
Roger WALTON, James WIDNALL, John SAYER, Mark AMBROSE, Charles Vincent JARAMILLO (UNITED KINGDOM)

29347 MORTALITY IN SURGICAL TREATED HIP FRACTURES: WHAT ARE THE PREDICTORS?
Sofia FERNANDES, José FERREIRA, Tiago BARBOSA, Rui CERQUEIRA, Vitor CAETANO (PORTUGAL)

29041 THE IMPORTANCE OF TIP-APEX DISTANCE (TAD) IN SLIDING HIP SCREW FIXATION OF PROXIMAL FEMORAL FRACTURES.
Nickil AGNI, Emma SELLERS, Riem JOHNSON, Andrew GRAY (UNITED KINGDOM)

28866 TRAUMATIC DISLOCATION AND FRACTURE DISLOCATION OF HIP- A RETROSPECTIVE STUDY OF 209 CASES
Sandeep KASHYAP, Ramesh SEN (INDIA)

28556 VALGUS INTERTROCHANTERIC OSTEOTOMY FOR NON-UNION NECK OF FEMUR
Thilak JEPEGNANAM, Viju VARGHESE, Anil OOMMEN, Palapattu BOOPALAN, Vijay TITUS (INDIA)

Tuesday, 6 September 2011

Club A

13:30 - 15:00

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
Shanmuganathan RAJASEKARAN (INDIA)

THERAPEUTICALLY REFRACTORY DISEASE - TREATMENT PRINCIPLES
Anil JAIN (INDIA)

HIV ASSOCIATED TB SPINE
Shanmuganathan RAJASEKARAN (INDIA)

DISCUSSION

16:00 - 17:30
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 SPONDYLODITIS 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.
Pongsthorn 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 KRBEČ (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 DEBRIDEMENT 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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<td>13:30 - 15:00</td>
<td>Lecture / Free Papers</td>
<td>Tumours - Reconstructions</td>
<td>John DORMANS (UNITED STATES) &amp; Dominique G. POITOUT (FRANCE)</td>
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<td>30263 MASSIVE OSTEochondral Allografts in Limb Salvage Surgery</td>
<td>Dominique G. POITOUT, P. TROPIANO, R. VOLPI, P. MAMAN, P. PARIS, A. MERGER, X. COPIN (FRANCE)</td>
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<td>29010 HEMICORTICAL RESECTION AND RECONSTRUCTION WITH RECYCLED BONE for Parosteal Osteosarcoma</td>
<td>Hirohisa KATAGIRI, Mitsuru TAKAHASHI, Hideki MURATA, Hideshi SUGIURA, Yoshihiro NISHIDA, Yoshihisa YAMADA, Takayoshi SUZUKI, Tatsuya TAKAGI (JAPAN)</td>
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<td>28882 FUNCTIONAL OUTCOME AND COMPLICATIONS AFTER RECONSTRUCTION WITH AN EXPANDABLE ENDOPROSTHESIS IN CHILDREN WITH OSSEOUS SARCOMAS</td>
<td>John DORMANS, Juan PRETELL, Lauren TOMLINSON, Ali AL-OMARI (UNITED STATES)</td>
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<td>29219 MALIGNANT AND AGGRESSIVE BONE TUMOURS AROUND KNEE: TREATED WITH INNOVATIVE ROTATION-PLASTY</td>
<td>Zile Singh KUNDU, Sukhbir Singh SANGWAN (INDIA)</td>
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<td>29359 RESECTION AND ARTHRODESIS USING EXTRA LONG INTRA-MEDULLARY NAIL FOR GIANT CELL TUMORS AROUND KNEE</td>
<td>Sukhbir Singh SANGWAN, Zile Singh KUNDU, Vinay GUPTA (INDIA)</td>
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<td>29742 PROSTHESIS SURVIVAL AND FUNCTIONAL OUTCOME AFTER ENDOPROSTHETIC RECONSTRUCTION OF THE LOWER EXTREMITY WITH THE MUTARS PROSTHESIS</td>
<td>Rachid MAHDAD, Celine KARIJODIKORO, Christiaan KEURENTJES, Michiel SANDE VAN DE, Anthonie TAMINIAU, Rob NELISSEN, Sander DIJKSTRA (NETHERLANDS)</td>
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<td>29644 PROGNOSTIC FACTORS IN THE MANAGEMENT OF OSTEOSARCOMA: A CLINICAL STUDY</td>
<td>Shishir RASTOGI, Himanshu GUPTA, Shah KHAN, Ashok KUMAR (INDIA)</td>
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<td>29826 PAUwELS Osteotomy in the Management of Pathologic Femoral Neck Fractures</td>
<td>Narender MAGU, Rajesh ROHILLA, Roop NIL (INDIA)</td>
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<td>29148 CT-GUIDED PERCUTANEOUS REMOVAL OF OSTEOID Osteoma</td>
<td>Roberto VÉLEZ (SPAIN)</td>
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<td>29142 98 BEgnin Tumors of the Peripheral Nerve</td>
<td>Alain DURANDEAU (FRANCE)</td>
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<td>Lecture / Free Papers</td>
<td>Tumours - Miscellaneous</td>
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30273 MODULAR HEMIPELVIC PROSTHETIC RECONSTRUCTION AFTER RESECTION OF THE PERIACETABULAR 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, Manddeep 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)

30171 USE OF FIBULAR GRAFTS IN DIFFERENT ANATOMIC LOCATIONS AFTER TUMOUR RESECTIONS
Zdenek MATEJOVSKY, Roman KUFA, Jan LESEN, Lukas FRAJER, Ivo KOFRANEK, Jana MATEJOVSKA, Zdenek MATEJOVSKY (CZECH REPUBLIC)

29818 MORPHOLOGICAL DIAGNOSTICS OF LOW GRADE CHONDROSARCOMA
Gennady BERCHENKO, Olga SHUGAEVA (RUSSIA)

27454 REHABILITATION OF PATIENTS WITH PRIMARY TUMORS AND TUMOR-LIKE LESION OF THE TIBIA USING TRANSOSSEOUS OSTEOSYNTHESIS
Dmitriy BORZUNOV, Pavel BALAEV (RUSSIA)

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 REICHERT1, Amaia CIPITRIA1, Devakar EPAR1, Siamak SAIFZADEH2, Michael SCHÜTZ2, Georg DUDA3, Dietmar HUTMACHER3
1(GERMAN), 2(AUSTRAILIA)

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 YIP1, Wai Man CHOY2, Jian YANG2, Wing Yuk IP1
1(HONG KONG), 2(UNITED STATES)

28421 EFFECTS OF CONTINUOUS AND PULSATILE PARATHYROID HORMONE (PTH) TREATMENTS ON OSTEOSTEOGENIC DIFFERENTIATION OF HUMAN FRACTURE HEMATOMA-DERIVED CELLS IN VITRO
Yoshihiro DOGAKI, Sang Yang LEE, Takahiro NIWKURA, Akhiro 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 FLEMING, 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 YOSHIMOTO (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)

30230 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(INIA), 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 NIWKURA, Sang Yang LEE, Akhiro KOH, Takaaki KOGA, Masahiro KUROSAKA (JAPAN)

16:00 - 17:30 Free Papers
Research - Clinical I

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

29806 CLINICAL FEATURES OF ARTICULAR EBURNAITON OF THE KNEE IN OSTEOARTHRITIS PATIENTS
Kentaro ISE, Yasuhiko AOKI, Masahiko MIYATA, Takasih MAKIO, Yasutaka AMANO, Kojiro MOTOHARA, Isaya HIGASHI, 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 HARJIT, 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 HLINDZICH², Pavel KRASOPEVTSEV¹, Aleh SAKALOUSKI², Daniel REXIN¹, Udo OBERTACKÉ¹, 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)

29040  CERVICAL HEMILAMINOPLASTY FOR CERVICAL MYELOPATHY
Kazuhiro SHINOHARA, Tatuya TAMURA, Toru KOBAYASHI (JAPAN)

29871  PEEK ON PEEK CERVICAL DISC REPLACEMENT: CLINICAL AND RADIOLOGICAL OUTCOMES AT ONE YEAR
INTRAOPERATIVE ISO-C C-ARM BASED NAVIGATION IN CHALLENGING CERVICAL SPINE FIXATIONS
Rajasekaran S, Rishi M KANNA, Ajoy P SHETTY (INDIA)

ANTERIOR CERVICAL DISCECTOMY, FUSION (ACDF) WITH AUTOgraFT AND PLATING IN CERVICAL SPODYLOMYELOPATHY: A LONG TERM STUDY
Vishal KUMAR, Raj BAHADUR (INDIA)

LAMINOPLASTY VERSUS LAMINECTOMY AND FUSION FOR MULTILEVEL CERVICAL SPONDYLOSIS
Woo Chul KIM, Kyu Yeol LEE, Hyeon Jun KIM (KOREA SOUTH)

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)

Thromboprophylaxis

A RANDOMISED CONTROLLED TRIAL OF INTERMITTENT PNEUMATIC COMPRESSION (IPC) VERSUS LOW MOLECULAR WEIGHT HEPARIN IN THE PREVENTION OF VENOUS THROMBOEMBOLISM (VTE) IN PATIENTS UNDERGOING ELECTIVE HIP AND KNEE SURGERY
Philippe DELINCE, N. FARBOD, B. ALLEMON, D. GHAFIL (BELGIUM)

VENOUS THROMBOEMBOLISM AFTER TOTAL HIP AND KNEE ARTHROPLASTY AND PROXIMAL FEMORAL FRACTURES
Vishwanath MULA, Neil MAITRA, Mahbub ALAM, Silvakolundu SURESH, Mark LOEFFLER (UNITED KINGDOM)

IMPLEMENTING NICE GUIDELINES ON RISK ASSESSMENT FOR VENOUS THROMBOEMBOLISM: FAILURE, SUCCESS AND CONTROVERSY
Dushan THAVARAJAH, Martin WETHERILL (UNITED KINGDOM)

PROXIMAL INDENTATION IS A CLINICAL SIGN FOR INCREASED RISK OF DVT. ATTENTION TO ANTI-EMBOLISM STOCKING SIZING REDUCES THIS RISK.
Alice THOMPSON, Sophie WALTER, Luke BRUNTON, Sanchit MEHENDALE, Alison SMITH, Greg PICKERING, Gordon BANNISTER (UNITED KINGDOM)

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

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)

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)
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

16:00 - 17:30
Symposium

How to use orthopaedic databases effectively during literature search?

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

08:30 - 17:30
Educational Day

The Hip

Moderators:
Vikas KHANDUJA (UNITED KINGDOM)

30593  INTRODUCTION & WELCOME
Vikas KHANDUJA (UNITED KINGDOM)

30594  SICOT YSC & ITS ACTIVITIES
Hatem SAID (EGYPT)

30595  APPLIED ANATOMY OF THE HIP
Vishy MAHADEVAN (UNITED KINGDOM)

30596  SURGICAL EXPOSURES TO THE HIP
Vishy MAHADEVAN (UNITED KINGDOM)

30597  BASIC BIOMECHANICS OF THE HIP JOINT
Emmanuel AUDENAERT (BELGIUM)

30598  ACETABULAR FRACTURES & DISLOCATIONS
Valer DZUPA, J. SKALA (CZECH REPUBLIC)

30599  NECK OF FEMUR FRACTURES
Fatih KUCÜKDURMAZ (TURKEY)
30600  TROCHANTERIC & SUBTROCHANTERIC FRACTURES
Hatem SAID (EGYPT)

30601  ARTHRODESIS OF THE HIP
Josef VCELAK (CZECH REPUBLIC)

30602  ARTHROSCOPY OF THE HIP
Vikas KHANDUJA (UNITED KINGDOM)

30652  OSTEOTOMIES AROUND THE HIP
Khaled EMARA (EGYPT)

30603  PRIMARY THR & DIFFICULT PRIMARY THR
Mandeep DHILLON (INDIA)

30604  THR – FIXATION
Tomas TRC (CZECH REPUBLIC)

30605  THR – BEARINGS
Hitendra DOSHI (SINGAPORE)

30606  THR – COMPLICATIONS & PITFALLS
Jacob MUNRO (NEW ZEALAND)

30300  RECONSTRUCTION OF THE ACETABULUM IN REVISION THA
Maher HALAWA (UNITED KINGDOM)

30607  OSTEONECROSIS OF THE HIP
Vijay SHETTY (INDIA)

30608  RESURFACING ARTHROPLASTY OF THE HIP
Peter YAU (HONG KONG)

30609  EXCISION ARTHROPLASTY OF THE HIP
Vratislav RYBKA (CZECH REPUBLIC)

30610  CLOSING REMARKS & COURSE EVALUATION
Vikas KHANDUJA (UNITED KINGDOM)

Wednesday, 7 September 2011

Forum Hall

08:00 - 08:55  Symposium

IHS (Open Meeting): Bearing Couples

Moderators:
Laurent SEDEL (FRANCE)

WELCOME
Miguel CABANELA (UNITED STATES)

HIGHLY CROSS-LINKED POLYETHYLENE
Harry RUBASH (UNITED STATES)
CERAMIC-CERAMIC
Laurent SEDEL (FRANCE)

METAL-METAL
Adolph LOMBARDI (UNITED KINGDOM)

CURRENT USE OF COUPLES – THE FUTURE
William MALONEY (UNITED STATES)

DISCUSSION Q&A

08:55 - 10:00
Symposium

IHS (Open Meeting): Joint Preservation

Moderators:
Reinhold GANZ (SWITZERLAND)

EPIDEMIOLOGY OF FAI IN NORTH AMERICA
John CLOHISY (UNITED STATES)

PREVALENCE/ASSOCIATION OF FAI WITH OA IN YOUNG ADULTS
Michael LEUNIG (SWITZERLAND)

WHAT CAN STILL BE MISSED ON CONVENTIONAL RADIOGRAPHS OF THE HIP?
Martin BECK (SWITZERLAND)

CAN 3D COMPUTED HIP MOTION CONTRIBUTE TO BETTER UNDERSTANDING OF HIP PATHOPHYSIOLOGY?
Klaus SIEBENROCK (SWITZERLAND)

RESULT OF OPEN DISLOCATION FOR FAI IN ATHLETES UNDER 21
Robert TROUSDALE (UNITED STATES)

PROSPECTIVE MULTICENTER STUDY OF DEMOGRAPHICS, EARLY RESULTS AND COMPLICATIONS OF PERIACETABULAR OSTEOTOMY: THE ANCHOR EXPERIENCE
Michael MILLIS (UNITED STATES)

DISCUSSION Q&A

10:00 - 10:30
Presidential Lecture

TO BE CONFIRMED
Cody BÜNGER (Denmark)

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 HAMADOUCHE (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 SAVADKOOGHI, Babak SIAVASHI, Mohammad GOURAN SAVADKOOGHI, 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 ASPAROUHOV, Yordan VALESHKOV, Svilene Todorov (BULGARIA)

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

28347 FIXATION OF PRESS-FIT CUPS IN THE PRESENCE OF ACETABULAR DEFECTS– DESIGN VS PRIMARY STABILITY
Wolfgang HUBER, Philip NOBLE
1(AUSTRIA), 2(UNITED STATES)

RESULTS OF THR IN ARTHRODESED HIPS
Ana TORRES, Mariano FERNANDEZ-FAIREN, Antonio MURCIA ASENSIO, Antonio MEROÑO, Antonio MURCIA MAZON (SPAIN)

TOTAL HIP ARTHROPLASTY IN ANKYLOSED HIP: A SURGICAL CHALLENGE: RETROSPECTIVE STUDY
Chandra YADAV, Ashok KUMAR, Shah KHAN, Shishir RASTOGI
1(INDIA), 2(UNITED ARAB EMIRATES)

A 15-YEAR COMPARISON OF CEMENTLESS TOTAL HIP ARTHROPLASTY PLACED AT ANATOMICAL HIP CENTER WITH BULK BONE GRAFTING OR HIGH HIP CENTER FOR DEVELOPMENTAL DYSPLASIA OF THE HIP
Takashi MURAYAMA, Hideo OHNISHI, Toshiharu MORI, Nariaki NAKURA, Satoshi OKABE, Hiroshi TSURUKAMI, Soshi UCHIDA, Akinori SAKAI, Toshitaka NAKAMURA (JAPAN)

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

16:00 - 16:30
Plenary Lecture

POLYTRAUMA: AN EVOLVING SPECTRUM
Pierre HOFFMEYER (SWITZERLAND)

16:30 - 18:00
Free Papers

Hip - Positioning of Implant

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

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)

THE OPERATING TABLE PLANE-TRUSTY GIUDANCE FOR PROPER CUP PLACEMENT IN TOTAL HIP ARTHROPLASTY?
Florian RADETZKI, Thomas MENDEL, Hansrudi NOSER, Karsten STOCK, David WOHLRAB
1(GERMANY), 2(SWITZERLAND)

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

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)

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, Sarveen 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)

PATELLA
Stefan MARLOVITS (AUSTRIA)

THE OUTCOME OF VARIOUS SURGICAL MODALITIES FOR FRACTURES OF THE PATELLA
Gershon VOLPIN (ISRAEL)

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

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, Mellick CHEHADE, Stuart CALLARY, Adhiraj CHAKRABARTY, Donald HOWIE (AUSTRALIA)

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)

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

14:00 - 15:30  Free Papers
Trauma Committee - Fractures Around the Knee III: Proximal Tibia

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

TIBIAL PLATEAU FRACTURES - SURGERY AND RESULTS
Thami BENZAKOUR (MOROCCO)

ARTHROSCOPIC ASSISTED PERCUTANEOUS FIXATION OF FRACTURES OF THE TIBIAL PLATEAU
Volpin GERSHON (ISRAEL)

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)

28285  THE RISK OF INJURY TO THE ANTERIOR TIBIAL ARTERY IN THE POSTEROLATERAL APPROACH TO THE TIBIAL PLATEAU. A CADAVER STUDY.
Surjit LIDDER¹, Nima HEIDARI¹, Wolfgang GRECHENIG², Hans CLEMENTS², Norbert TESCH², Annelie WEINBERG²
¹(UNITED KINGDOM), ²(AUSTRIA)

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

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

16:30 - 18:00  Free Papers
Trauma - Shaft of Tibia
Wednesday, 7 September 2011

Meeting Hall IV

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

Lecture / Free Papers

IFPOS/SICOT: Paediatrics - Upper Extremity, Limb Lengthening

08:00 - 09:30

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<td>Jacques CATON (FRANCE)</td>
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<td>Sanjay KESHKAR, Ratnesh KUMAR (INDIA)</td>
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<td>Banchong MAHAISAVARIYA, Kriskrai SITHISERIPRATDEEP, Nattapon CHANTARAPANICH (THAILAND)</td>
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<td>DOME OSTEOTOMY STABILISED WITH JESS FOR CORRECTION OF CUBITUS VARUS DEFORMITY.</td>
<td>Vikas BACHHAL, Sammunder SINGH, Sameer AGGARWAL, Mandeep DHILLON (INDIA)</td>
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<td>Kamal BALI, Pebam SUDESH, Vibhu KRISHNAN (INDIA)</td>
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<td>Ratna JOHARI, Ruta KULKARNI, Nishant SINGH (INDIA)</td>
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<td>Gamal HOSNY (EGYPT)</td>
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<td>RESPONSE OF CHONDROPROGENITORCELLS FROM THE HUMAN PHYSIS TO MECHANICAL STRAIN AD INTERLEUKIN-1β</td>
<td>Karin PICHLER, Tanja KRAUS, Walzer SONJA, Robert EBERL, Annelie-Martina WEINBERG, Reinhard WINDHAGER (AUSTRIA)</td>
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<td>Aik SAW, Wan Hee LEONG, Yeok Pin CHUA, Poh Chen LEE (MALAYSIA)</td>
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<td>LIMB RECONSTRUCTION FOR THE CHILDREN WITH CONGENITAL TIBIAL HEMIMELIA</td>
<td>Noriko URANO, Toshio FUJII (JAPAN)</td>
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10:30 - 12:00

**Free Papers**

**IFPOS/SICOT: Paediatrics - Neuromuscular, Knee, Infections**

**Moderators:**
Jan POUL (CZECH REPUBLIC), Patricia FUCS (BRAZIL), Franz GRILL (AUSTRIA), Maher Ben GHACHEM (TUNISIA)

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<td>DEGA OSTEOTOMY : A SHORT TO MEDIUM TERM REVIEW OUTCOME OF 23 DISLOCATED HIPS IN CHILDREN WITH NEUROMUSCULAR CONDITIONS</td>
<td>Margaret Woon Man FOK, Adebayo M OWOOLA, Michael TO, Wang CHOW (HONG KONG)</td>
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<td>29304</td>
<td>PROXIMAL FEMUR EXTENSION OSTEOTOMY FOR TREATMENT OF FLEXION CONTRACTURE OF THE HIP</td>
<td>Yuehuei AN, Richard GROSS (UNITED STATES)</td>
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<td>29680</td>
<td>IS THERE ANY BENEFIT TO USING BOTULINUM TOXIN TYPE A IN THE TREATMENT OF LOWER LIMB SPASTICITY IN YOUNGER AGE CHILDREN WITH CEREBRAL PALSY?</td>
<td>Shalin MAHESHWARI¹, Ashok JOHARI¹, Ratna JOHARI¹, Roslyn BOYD², Siddharth VEMURI² ¹(INDIA), ²(AUSTRALIA)</td>
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<td>28937</td>
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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)

29639 TREATMENT OF FIXED KNEE DEFORMITY IN CEREBRAL PALSY, USING DISTAL FEMORAL EXTENSION OSTEOTOMY WITH PATELLAR TENDON SHORTENING.
Silvia RECINIELLO, Mario LAMPROULOS, 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 OSTADAL, 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 EPIPHYSIS – A STUDY OF 21 HIPS
Shalin MAHESHWARI, Ashok JOHARI, Ratna JOHARI (INDIA)

28879 NONVASCULARISED FIBULAR GRAFTING IN POST OSTEOMYELITIC GAP NON UNION IN CHILDREN LESS THAN 10 YEARS – OUR SURGICAL EXPERIENCE.
Sudesh PEBAM, Nirmal Raj GOPINATHAN, Shashidhar B KANTHARAJANNA, Vijay G GONI (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
Rihard TREBSE (SLOVENIA)

COMBINATION OF BEARING 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), Michael 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?
Toshio 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 OSTEOTOMY FOR TREATMENT OF DEVELOPMENTAL DYSPLASIA OF THE HIP IN DIFFERENT WALKING AGED CHILDREN
Jun Li (CHINA)

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

28871 3D ANALYSIS AFTER QUADRUPLE OSTEOotomy OF PELVIS IN ELDER CHILDREN.
Roger JAWISH, Ali KRAYAN, 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 SCHOENECKER, 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 OSTEOotomy 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 PERTHE’S DISEASE
Ashokkumar JOHARI (INDIA)
30034 DISTAL METAPHYSEAL 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)

28721 BIOLOGICAL INTERNAL FIXATION OF FEMUR SHAFT FRACTURES BY LOCKED PLATE IN CHILDREN AND ADOLESCENTS.
Mazen ABULSAAD (EGYPT)

30175 APPLICATION OF ELASTIC STABLE INTRAMEDULLARY NAILING (ESIN) TECHNIQUE IN PEDIATRIC HUMERAL FRACTURES
Ziming ZHANG, Jing ZHANG, Qiu CHEN, Ting CHEN (CHINA)

Wednesday, 7 September 2011
Meeting Hall V

08:00 - 09:30
Instructional Course
Management of Rotator Cuff Pathology
Moderator
Pietro RANDELLI (ITALY)

CALCIFIC TENDINITIS
Vojtech HAVLAS (CZECH REPUBLIC)

PARTIAL THICKNESS CUFF TEARS
Giuseppe MILANO (ITALY)

FULL THICKNESS CUFF TEARS
Manos ANTONOGIANNAKIS (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
Bijay 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 OSTEONECROSIS OF THE FEMORAL HEAD:
HEPATITIS C AND PEGYLATED INTERFERON THERAPY RELATIONSHIP
Juan Gabino GOMEZ MONT, Felix GIL ORBEZO, Cesareo TRUEBA DAVILLO, Mario NAVARRETE
ALVAREZ, Jorge CARDENAS ELIZONDO, Efrain FARIAS CISNEROS (MEXICO)
SURVIVORSHIP OF REVISION HIP ARTHROPLASTY IN PATIENTS WITH SICKLE CELL DISEASE
Philippe HERNIGOU, Alexandre POIGNARD, Charles Henri FLOUZAT LACHANJETTE (FRANCE)

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

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

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, Yuksel YURTTAS, Ali SEHIRIOGLU, Mustafa BASBOZKURT (TURKEY)

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)

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

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

TREATMENT OF PAINFUL BONE MARROW EDEMA BY OPEN WEDGE OSTEOTOMY
Kaya MEMISOGLU, Cumhur KESEMENLI, Sefa MUEZZINOGLU, Gur AKANSEL (TURKEY)

SURGICAL HIP DISLOCATION APPROACH IS NONARTHROPLASTY SURGICAL OPTIONS IN FEMORAL-ACETABULAR IMPINGEMENT TREATMENT.
Andrzej BEDNAREK, Andrzej ATRAS (POLAND)

CSOT: Czech Orthopaedics & Traumatology

Moderators:
(to be confirmed)

HISTORY OF ORTHOPAEDICS AND TRAUMATOLOGY IN CZECHOSLOVAKIA
Oldrich CECH (CZECH REPUBLIC)

PROFESSOR ZAHRADNICEK
Antonin SOSNA (CZECH REPUBLIC)

PROFESSOR FREJKA
Pavel JANICEK (CZECH REPUBLIC)

PROFESSOR PAWLIK
P. GALLO (CZECH REPUBLIC)
PROFESSOR ČECH
Tomas TRC (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

08:00 - 09:30
Symposium

SRS: Juvenile Deformities, Growing Spine

Moderators:
Richard E. MCCARTHY (UNITED STATES)

WHY IS FUSION NOT GOOD FOR GROWING SPINE AND HOW EFFICIENT ARE THE NON-OPERATIVE METHODS?
Kamal IBRAHIM (UNITED STATES)

GROWTH MODULATION TECHNIQUES
Richard MCCARTHY (UNITED STATES)

GROWTH STIMULATION TECHNIQUES
George THOMPSON (UNITED STATES)

WHEN IS FUSION UNAVOIDABLE?
John DORMANS (UNITED STATES)

COMPLICATIONS AND HOW TO AVOID THEM
Cody BÜNGER (DENMARK)

DISCUSSION

10:30 - 12:00
Symposium

SRS: Adolescent Idiopathic Scoliosis
Moderators:
George THOMPSON (UNITED STATES)

EVIDENCE FOR BRACE TREATMENT
Richard MCCARTHY (UNITED STATES)

LENKE CLASSIFICATION AND SELECTION OF FUSION LEVELS
Kamal IBRAHIM (UNITED STATES)

EVIDENCE FOR ANTERIOR VS. POSTERIOR SURGERY
Dietrich SCHLENZKA (FINLAND)

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 KRÉBEC (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

08:00 - 09:30
Instructional Course
DVT Prevention in Orthopaedics

Moderators:
Tomas KVasnicka (CZECH REPUBLIC)

INTRODUCTION, COAGULATION MECHANISM
J. KVasnicka (CZECH REPUBLIC)

DVT IN ORTHOPAEDICS
Tomas TRC (CZECH REPUBLIC)

PREVENTION POSSIBILITIES
Tomas KVasnicka (CZECH REPUBLIC)

COMPLICATION AND THERAPY
Jiri Kubes (CZECH REPUBLIC)

DISCUSSION – FAILURE, COMPLICATION

10:30 - 12:00
Symposium
EFOST
(to be confirmed)

14:00 - 15:30
Symposium
ESSKA: Athlete’s Ankle

Moderators:
(to be confirmed)

ACUTE INSTABILITY IN THE ATHLETE’S ANKLE
C. Niek Van DIJK (NETHERLANDS)
SYNDESMOTIC AND MEDIAL INSTABILITY
James CALDER (UNITED KINGDOM)

CHRONIC ANKLE INSTABILITY
C. Niek VAN DIJK (NETHERLANDS)

ACHILLES TENDINOPATHY: CURRENT INSIGHTS IN MANAGEMENT
Giuseppe LONGO (ITALY)

ACHILLES TENDON RUPTURES: CURRENT STATE OF THE ART
James CALDER (UNITED KINGDOM)

ACHILLES TENDON RECONSTRUCTION AFTER FAILED PRIMARY TREATMENT
Giuseppe LONGO (ITALY)

OCD
Milan HANDL (CZECH REPUBLIC)

16:30 - 18:00
Symposium

ESSKA: Hip Arthroscopy - Basic Concept, Current Indications and Future Perspective

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

ARTROSCOPIC ANATOMY AND PORTAL PLACEMENT
Vikas KHANDUJA (UNITED KINGDOM)

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

LABRAL MANAGEMENT: DEBRIDEMENT OR REPAIR
Filippo RANDELLI (ITALY)

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

THE INTERNAL AND EXTERNAL SNAPPING HIP
Filippo RANDELLI (ITALY)

ARTROSCOPY AND TOTAL HIP ARTHROPLASTY
Hassan SADRI (SWITZERLAND)

ARTROSCOPY AND HIP TRAUMATOLOGY
Raul ZINI, M. PANASCİ (ITALY)

FUTURE PERSPECTIVE?
Vikas KHANDUJA (UNITED KINGDOM)

CONCLUSION = TRICKS AND PEARLS TO BRING HOME
Jacques MENETREY¹, Nicolas BONIN²
¹(SWITZERLAND), ²(FRANCE)
### Wednesday, 7 September 2011

**Club A**

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<td><strong>Instructional Course</strong></td>
<td>Basics of Modern Rheumatology</td>
<td>Karel PAVELKA (CZECH REPUBLIC)</td>
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<td>NEW CONCEPTS IN DIAGNOSTICS AND THERAPY OF SPONDYLARTHRITIDES</td>
<td>Karel PAVELKA (CZECH REPUBLIC)</td>
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<td>BIOLOGIC TREATMENT OF RHEUMATOID ARTHRITIS</td>
<td>Ladislav SENOLT (CZECH REPUBLIC)</td>
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<td>ADVANCES IN DIAGNOSTIC AND THERAPY OF CONNECTIVE TISSUE DISEASES</td>
<td>Pavel HORAK (CZECH REPUBLIC)</td>
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<td>NEW DEVELOPMENTS IN CLASSIFICATION AND THERAPY OF PSORIATIC ARTHRITIS</td>
<td>Jiri STOLFA (CZECH REPUBLIC)</td>
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<td>PRINCIPLES OF THE DIAGNOSIS AND NEW MOLECULES IN THERAPY OF GOUTY ARTHRITIS</td>
<td>Jakub ZAVADA (CZECH REPUBLIC)</td>
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<td>10:30 - 12:00</td>
<td><strong>Lecture / Free Papers</strong></td>
<td>Trauma - Elbow</td>
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<td>30275 TOTAL ELBOW REPLACEMENT TREATMENT FOR COMPLEX DISTAL HUMERUS FRACTURES</td>
<td>Baoguo JIANG (CHINA)</td>
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<td>29437 THE CLINICAL RESULTS OF TOTAL ELBOW ARTHROPLASTY FOR AO TYPE C3 DISTAL HUMERAL FRACTURE IN ELDERLY</td>
<td>Hyun-Dae SHIN, Kyung Cheon KIM, Jun-Yeong PARK (KOREA SOUTH)</td>
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<td>29047 IS INVASIVE K-PIN ECCENTIAL FOR THE USE OF ELBOW HINGED FIXATORS WITH ARTHRODIATASIS?-KINEMATIC ANALYSIS</td>
<td>Wei-Shiun LEE, Ching-Kong CHAO, Son-Jyh LIN, Kao-Shang SHIH (TAIWAN)</td>
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<td>28697 THE OPERATIVE TREATMENT USING TRANSOLECRANON APPROACH WITH DUAL LOCKING PLATE FOR UNSTABLE INTERCONDYLAR FRACTURES OF HUMERUS</td>
<td>Dong-Hwan KIM, Yong-Min KIM, Byung-Ki CHO (KOREA SOUTH)</td>
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<td>28602 ONE-STAGE RECONSTRUCTION THE STABILITY OF ELBOW WITH BILATERAL APPROACHES IN THE TREATMENT OF ELBOW TERRIBLE TRIAD</td>
<td>Ming XIANG (CHINA)</td>
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<td>29395 NERVE GRAFTING IN THE UPPER EXTREMITY</td>
<td>George PAPADOPOULOS, Harilaos SAKELLARIDES (UNITED STATES)</td>
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14:00 - 15:30  Free Papers

Elbow - Wrist

*Moderators:*
Dariush GOURAN SAVADKOOGHI (IRAN) & KEBRLE (CZECH REPUBLIC)

29787  MEDIUM TERM RESULTS (3-5 YEARS) OF A LATERAL RESURFACING ELBOW (LRE) ARTHROPLASTY IN ARTHRITIS
Joseph POOLEY¹, Chrysi TSIOURI¹, Alessandro GRECO²
¹(UNITED KINGDOM), ²(ITALY)

29664  V-OSTEOTOMY RESECTION ARTHROPLASTY FOR BONY ANKYLOSED ELBOWS-MIDTERM RESULTS
Rex CHANDRABOSE (INDIA)

29427  THE CLINICAL USEFULNESS OF THE MINIMAL INVASIVE ULNO-HUMERAL ARTHROPLASTY IN MILD TO MODERATE ARTHRITIS PATIENTS IN ELBOW
Hyun-Dae SHIN, Kyung-Cheon KIM, Yoo-Sun JEON (KOREA SOUTH)

29838  SHORT TERM RESULT OF MRI EVALUATION IN COSTAL OSTEochondral AUTOgraFT FOR OSTEochondritis DissecANS OF THE HUMERAL CAPITELLUM
Hiroyuki TANAKA, Kozo SHIMADA, Ryosuke NOGUCHI (JAPAN)

28855  A PROSPECTIVE STUDY OF STATIC WRIST EXTENSOR SPLINT FOR TREATMENT OF CHRONIC LATERAL EPICONDYLITIS
Naveen TAHASILDAR, Prasad SORAGANVI, Naresh SHETTY, Vijay GONI, Shashidhar BK, Shakti VEL RAJAN (INDIA)

28392  A NEW CONCEPT IN THE TREATMENT OF BOTH BONE FOREARM FRACTURES IN ADULTS WITH INTRA MEDULLARY IMPLANTS
Wasudeo GADEGONE, Yogesh SALPHALE (INDIA)

28465  FUNCTIONAL OUTCOME OF NEGLECTED /UNREDUCED PERILUNATE DISLOCATIONS TREATED WITH OPEN REDUCTION AND INTERNAL FIXATION: OUR EXPERIENCE WITH FOURTEEN CASES.
Sharad PRABHAKAR, Mandeep DHILLON, Kamal BALI (INDIA)

28130  CARPUS FRACTURES-DISLOCATIONS: SURGICAL TREATMENT, RADIOLOGIC AND FUNCTIONAL OUTCOMES
Christian ALLENDE, Julio BAGLIARDELLI, Pablo BRUNO, Damian BUSTOS (ARGENTINA)

28205  SURGICAL TREATMENT OF BENNETT’S FRACTURE TYPES WITH VARIOUS OSTEOSYNTHETIC MATERIALS
Roman PAVIC, Mario MALOVIC (CROATIA)

16:30 - 18:00  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. HASSENPFLUG (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

Wednesday, 7 September 2011

Club B

08:00 - 09:30 Free Papers

Foot & Ankle - Hallux Valgus

Moderators:
Brett G. COURTENAY (AUSTRALIA) & ZMOLIK (CZECH REPUBLIC)

29107 RESULTS OF TREATMENT OF HALLUX RIGIDUS WITH HEMIARTHROPLASTY.
Miltiadis AVRAMIDIS, Michail BOZOGLOU, Christos LYRTZIS, Christos KRISTALLIS (GREECE)

27283 OUTCOMES FOLLOWING CHEILECTOMY FOR HALLUX RIGIDUS
Sivaraman BALASUBRAMANIAM, Devendra MAHADEVAN, Melwyn PEREIRA (UNITED KINGDOM)

28577 DO WEIGHTBEARING FILMS EFFECT DECISION MAKING IN HALLUX VALGUS SURGERY?
Israel DUDKIEWICZ, Alon BURG, Ori HADASH, Yehezkel TYTIUN, Moshe SALAI (ISRAEL)

29335 THE CHEVRON OSTEOTOMY WITH LATERAL SOFT TISSUE RELEASE FOR HALLUX VALGUS SURGERY IN THE ELDERLY – A PROSPECTIVE STUDY IN 80 FEET
Stefan HOFSTÄTTER, Reinhard SCHUH, Klemens TRIEB, Hans-Jörg TRNKA (AUSTRIA)

29444 SLING PROCEDURE FOR HALLUX VALGUS
Evguenni MIKHNOVICH, Alexander MARTINOVICH, Alexander VOLOTOVSKI (BELARUS)

27731 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)

30061 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, Dragoș RADULESCU, Boris FEGHIU (ROMANIA)

28520 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)
28409  DIAGNOSIS AND TREATMENT FOR TENOSYNOVITIS OF THE FLEXOR HALLUCIS LONGUS TENDON: APPLICATION OF HINDFOOT ENDOCOPY
Ken INNAMI, Masato TAKAO, Fumito KOMATSU, Wataru MIYAMOTO, Takashi MATSUSITA (JAPAN)

10:30 - 12:00  Free Papers

Foot & Ankle - Miscellaneous I

Moderators:
(to be confirmed)

29486  FOOT & ANKLE INJURIES IN ELITE PROFESSIONAL FOOTBALLERS: EVALUATING THE RISK INVOLVED
Neil JAIN, David MURRAY, Steve KEMP, Tony MCEVOY (UNITED KINGDOM)

29074  TIBIOFIBULAR SHIFTING AFTER SYDESMOTIC SCREWS- NEW RESULTS FROM A PROSPECTIVE STUDY.
Annette AHRBERG, Christoph JOSTEN (GERMANY)

29964  FIXATION OF DISTAL TIBIOFIBULAR SYDESMOSIS: A COMPARATIVE STUDY BETWEEN TIGHTROPE AND SCREW FIXATION.
Gohar NAQVI, Nasir AWAN (IRELAND)

28593  ANKLE SYNOVIAL CHONDROMATOSIS : MANAGEMENT ENIGMA
Saurabh SINGH (INDIA)

27758  TRIPLE FUSION AND ILIZAROV GRADUAL CORRECTION FOR STIFF ADULT PES-PLANO VALGUS
Hisham SHALABY (UNITED KINGDOM)

29193  CALCANEO-STOP FOR TREATMENT OF FLEXIBLE PES PLANOVAULGUS IN CHILDREN
Vera RESENDE, M GOMES, Nuno TAVARES, António TORRES, Artur NETO, José BESSA DA SILVA (PORTUGAL)

29439  MINIMUM INVASIVE DYNAMIC SURGICAL CORRECTION OF PLANOVAULGUS 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

Moderator:
Mohamed FOUAD (UNITED ARAB EMIRATES)

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

42
TREATMENT OF CONGENITAL AND ACQUIRED FOOT DEFORMITIES WITH EXTERNAL FIXATION.
Ghassan SALAMEH¹, Michael SCHMIDT²
¹(SYRIA), ²(GERMAN)

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

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

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

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

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

PLANTAR PRESSURE DURING WALKING IN SUBJECTS AFTER SURGICAL REPAIR OF ACHILLES TENDON RUPTURES.
Jun SASAHARA, Masato TAKAO, Tsutomu KURATA, Yasuko HIROTA, Atsushi KOGUCHI, Yasuhiro SAMEJIMA, Kenji OGURO, Takashi MATSUSHITA (JAPAN)

INFLUENCE OF LATERALLY WEDGED FOOT ORTHOSES ON PLANTAR LOAD DISTRIBUTION: A
COMPARISON STUDY
David ZACHHUBER, Stefan HOFSTÄTTER, Klemens TRIEB (AUSTRIA)

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

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

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

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

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

16:30 - 18:00 Free Papers
Trauma - Foot & Distal Radius

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

Wednesday, 7 September 2011

Club C

08:00 - 09:30 Free Papers
Biomaterials

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

28651  USE OF BIPHASIC CALCIUM PHOSPHATE CERAMIC AS BONE GRAFT SUBSTITUTES
Kanniraj MARIMUTHU, Anil KUMAR, Mahesh Chand BANSAL, Chandra Sekhar SHARMA, Rakesh BHARGAVA, Sushil Subash RANGDAL (INDIA)

30215  HYDROXYAPATITE BIOACTIVE GLASS CERAMIC COMPOSITE (CHITRA-HABG) FOR ILIAC CREST RECONSTRUCTION.
Narayana ACHARYA, Venugopal MENON, Renjit KUMAR, Harikrishna VARMA (INDIA)

28227  THE ROLE OF COMPOSITE BONE GRAFT IN PLACE OF AUTOGRaFTS IN BRIDGING BONE DEFECTS
Tanveer Singh BHUTANI, Samar BISWAS (INDIA)

28853  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
Sushil RANGDAL, Narendra JOSHI, Vikas BACCHAL, Uttam SAINI, Daljit SINGH, Mandeep Singh DHILLON (INDIA)

27656  NOVEL ELASTIC TITANIUM FILLER FOR OSTEO-CHONDRAL DEFECT
Chiaki HAMANISHI, Ichiro TSUKAMOTO, Akira SHIBATA (JAPAN)

29958  A NOVEL POLycARBONATE-URETHANE MENISCAL IMPLANT: A FUNCTIONAL EVALUATION OF SIZING
Ron ARBEL1, Jonathan ELSNER1, Vincenzo CONDELLO2, Claudio ZORZI2, Elliott HERSHMAN3, Avi SHTERLING2, Eran LINDER-GANZ1
1(ISRAEL), 2(ITALY), 3(UNITED STATES)
LONG-TERM CLINICAL AND RADIOLOGICAL FOLLOW-UP OF COLLAGEN MENISCAL IMPLANTS.
Thomas TAMPERE, Peter VERDONK, Jaap VAN DER MAAS, Fredrik ALMQVIST, Verdonk RENE (BELGIUM)

BIOFUNCTIONALITY ENHANCEMENT OF POLYETHERETHERKETONE (PEEK) BY PLASMA SURFACE TREATMENT
Kelvin YEUNG, Sc LUI, Paul CHU, Keith LUK, Kenneth CHEUNG (HONG KONG)

DO WE NEED RADIOLOGICAL GUIDANCE FOR INTRA ARTICULAR HIP INJECTIONS?
Jagwant SINGH, Simran MARWAH, Dina Ki TANNOUS, Gareth WELLS, Raghu RAMAN, Hemant SHARMA (UNITED KINGDOM)

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, Satoshi 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)
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 SCHILDER (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 KHANDUJA (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 DRŽIK2, 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
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 IRWIN2
1(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 COMRESSIVE FORCE ALONG THE ACUTRAK 2 SCREW.
Hari KOVILAZHIKATHU SUGATHAN, Max KILPATRICK, Tom JOYCE, John HARRISON (UNITED KINGDOM)

27945 1. MEDIOCARPAL ARTHRODESIS BY SCREWS “ALLOWING EARLY FUNCTIONAL TREATMENT
Werner KNOPP, Mascha LANG (GERMANY)

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

10:30 - 12:00 Free Papers
Trauma - Distal Radius

Moderators:
Werner KNOPP (GERMANY) & Frankie LEUNG (HONG KONG)

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
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)

29724  THE USE OF ILIZAROV FIXATOR FOR TREATMENT OF PATIENT WITH DEFECTS OF HAND BONES  
Evgeniy VARGANOV, Artem CHUBAKOV (RUSSIA)

29418  HYPERTROPHIC 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 VOLOTOVSKI, Evguenni MIKHNOVICH, Alexander MARTINOVICH (BELARUS)
28707  APPLICATION OF MRI IN EARLY DIAGNOSIS AND MEDICAL MANAGEMENT OF WRIST TUBERCULOSIS
   Shwetab 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)

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Wednesday, 7 September 2011

*Club E*

**08:00 - 09:30**

**Instructional Course**

**Natural Disasters & Mass Casualties**

*Moderator:*
   Nikolaj WOLFSON (UNITED STATES)

**INTRODUCTION**
   Nikolaj WOLFSON (UNITED STATES)

**JAPAN, 2011**
   Taikoh DOHJIMA (JAPAN)

**ORTHOPAEDIC INJURIES DURING NATURAL DISASTERS & MASS CASUALTIES: OVERVIEW**
   Nikolaj 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**

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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)

14:00 - 15:30  Free Papers
Road Trauma

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

29060 ENDOSOPICALLY-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) AMONGST NGHA POPULATION
Abeer ALZAILAI, Sara FADIL, Nayef 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
16:30 - 18:00  
**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)  

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**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 SARAGAGLIA (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 HADJICHALALAMBOUS, 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)

16:30 - 18:00 Free Papers
Spine - Cervical

Moderators:
Shanmuganathan RAJASEKARAN (INDIA) & Joseph S. THAMBIAH (SINGAPORE)

27768 POSTERIOR OCCIPITOCERVICAL FUSION IN RHEUMATOID ARTHRITIS OF UPPER CERVICAL SPINE - ANALYSIS OF OUR RESULTS
Vinodhkumar PANNIRSELVAM, Hee HWAN TAK (SINGAPORE)

29481 A PROSPECTIVE RANDOMIZED STUDY OF CLINICAL OUTCOMES IN ELDERLY PATIENTS WITH CERVICAL SPONDYLOTIC MYELOPATHY TREATED WITH TWO TYPES OF FRENCH-DOOR LAMINOPLASTY
Mamoru KAWAKAMI, Shinichi NAKAO, Daisuke FUKUI, Yoshio ENYO (JAPAN)

28463 CRANIOCERVICAL FLEXORS ENDURANCE TRAINING: TREATMENT APPROACH FOR CERVICAL SPONDYLOSIS
Shallu SHARMA (INDIA)

27355 AN OBJECTIVE CASE CONTROLLED STUDY: DOES CERVICAL MUSCLE ADAPTATION IN MALE RUGBY PLAYERS AGED 13-18 OCCUR WHEN COMPARED TO AGE MATCHED CONTROLS?
James PEGRUM, Don GATHERER, Zoe HUDSON (UNITED KINGDOM)

30026 A NOVEL TECHNIQUE FOR RESECTION AND STABILIZATION OF C2 DESTRUCTIVE LESIONS
Mohammad EL-SHARKAWI, Essam EL-SHERIF (EGYPT)

29947 PROGNOSTIC VALUE OF SIGNAL INTENSITY CHANGE IN CERVICAL SPONDYLOTIC MYELOPATHY
S RAJASEKARAN, Ashwin AVADHANI, Ajoy P SHETTY (INDIA)

30241 TREATMENT OF INJURES OF UPPER CERVICAL SPINE
Marcel VETRILE (RUSSIA)
Thursday, 8 September 2011

Forum Hall

08:00 - 09:30

Free Papers

Hip Resurfacing - Cemented THP

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, Carломагно 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, Carломагно 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)

10:00 - 10:30

Plenary Lecture

30656 IS COMPUTER ASSISTED TOTAL KNEE SURGERY MAINSTREAM?
Frederic PICARD (UNITED KINGDOM)

10:30 - 12:00

Symposium

Modular Stem Prosthesis of the Hip
Moderator:
Tomas TRC (CZECH REPUBLIC)

INTRODUCTION
Karl-Heinz WIDMER (SWITZERLAND)

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

ADVANTAGE OF MODULAR STEM
Ulrich DÖRN (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)

16:00 - 16:30 Plenary Lecture

PARTIAL ROTATOR CUFF TEARS
Christian GERBER (SWITZERLAND)

14:00 - 15:30 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
ASHOK (UNITED KINGDOM)

29489  OBJECTIVE MEASUREMENT OF INTRAOPERATIVE LIMB LENGTH AND OFFSET IN TOTAL HIP
REPLACEMENT
Ravi BADGE, Amit SHAH, A BONSHAHI (UNITED KINGDOM)

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 LACHEWICZ,
Young-Min KWON (UNITED STATES)

29110  THE EFFECT OF ACETABULAR INCLINATION ANGLE ON THE SURVIVORSHIP OF ALUMINA-
CERAMIC ARTICULATIONS
Henning R. JOHANSSON1, Michael G ZYWIEL 2, 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

16:30 - 18:00 Free Papers

Hip - Bearing Surface

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

ESSSE/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 TREHAN, 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 FRAKTURES TREATED WITH REVERSE TOTAL SHOULDER ARTHROPLASTY.
Stipe KRAJINOVIC, Martin MAJEWSKI (SWITZERLAND)

28823 INFRAGLENOIDAL SCAPULAR NOTCHING IN REVERSE TOTAL SHOULDER REPLACEMENT: ANALYSIS OF 60 CASES AND SYSTEMATIC REVIEW OF THE LITERATURE
Patrick SADOGHI, 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 FOLLO-UP RESULTS
Carlo F. DE BIASE, Giantony 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 LJUNGQUIST, 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 MODIFIED 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)

28221  OUTCOMES WITH COMBINED ARTHROSCOPIC ROTATOR CUFF REPAIR AND CAPSULAR RELEASE FOR PARTIAL-THICKNESS ROTATOR CUFF TEARS WITH SEVERE SHOULD STIFFNESS
Hiroshi HASHIGUCHI, Satoshi IWASHITA, Kazufumi MINAMI, Hiromoto ITO (JAPAN)

28625  THE EFFECT OF PLATELET-RICH-PLASMA ON ROTATOR CUFF TENDON HEALING
Onur HAPA, Husamettin CAKICI, Raif OZDEN, Aysel KUKNER, Tulin FIRAT, Gokhan BAYSAL, Nazli SARKALKAN, Aydiner KALACI, Ahmet Nedim YANAT (TURKEY)

28361  DEBRIDEMENT VERSUS LABRAL REPAIR IN FAI
Gregor MOECKEL, Karsten LABS (GERMANY)

28024  EFFECTS OF SELECTIVE PARALYSIS OF THE SUPRASPINATUS MUSCLE WITH BOTULINUM TOXIN A IN ROTATOR CUFF HEALING IN RATS.
Andreas FICKLISCHER, Matthias F. PIETSCHMANN, Markus SCHARF, Peter E. MÜLLER, Birte SIEVERS (GERMANY)

29860  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)

30073  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)

29462  CALCIFIC TENDINOSIS OF SUPRASPINATUS TREATED BY RADIOFREQUENCY MICROtenotomy
Vojtech HAVLAS, Tomas TRC (CZECH REPUBLIC)

Thursday, 8 September 2011

Meeting Hall IV

08:00 - 09:30  Instructional Course

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)

27503 DESIGN RATIONALE AND MID-TERM RESULTS OF THE E.MOTION KNEE SYSTEM
Rolf K. MIEHLKE, Birger THIEL (GERMANY)

28014 FUNCTIONAL OUTCOME OF MINI-ROBOT COMPUTER ASSISTED PRIMARY MOBILE BEARING UNCEMENTED CRUCIATE RETAINING TOTAL KNEE ARTHROPLASTY BETWEEN MEASURED RESECTION AND GAP BALANCING TECHNIQUES: A RANDOMISED CONTROL STUDY
Vinay Kumar SINGH, Ravi TREHAN, Ranjive VARKEY, Ramakrishna RAGHAVAN, Yogeesh KAMAT, Ajeya ADHIKARI (UNITED KINGDOM)

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)

29170 A 12 TO 15 YEAR FOLLOW-UP STUDY OF THE ROTAGLIDE MOBILE BEARING TOTAL KNEE ARTHROPLASTY
Yasuo KUNUGIZA, Tetsuya TOMITA (JAPAN)

29273 5-7 YEAR RESULTS FOLLOWING TOTAL KNEE ARTHROPLASTY WITH THE COLUMBUS KNEE SYSTEM
Oliver HAUSCHILD, Matthias MUENZBERG, Lukas KONSTANTINIDIS, Peter HELWIG, Norbert SUEDKAMP, Friedrich THIELEMANN (GERMANY)

30060 PRELIMINARY EXPERIENCE WITH THE CUSTOM-FIT TOTAL KNEE ARTHROPLASTY: COMPARISON WITH A MATCHED CONTROL GROUP
Bert BOONEN, Martijn SCHOTANUS, Nanne KORT (NETHERLANDS)
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)

30221 **PATELLAR SUBLUXATION IN CR TYPE TKA WITH NONRESURFACING PATELLA.**
Eiki NOMURA, Hiroaki MATSUMOTO, Motoyasu INOUE (JAPAN)

29740 **PATELLOFEMORAL INSTABILITY TREATED BY ARTHROSCOPIC TROCHLEOPLASTY – THE NEW TECHNIQUE WITH EARLY PROMISING RESULTS**
P Nithin UNNIKRISHNAN, Paul MAYERs, Alison HATCHER, Mark CAPLAN, Michael MCNICHOLAS (UNITED KINGDOM)

29569 **CLINICAL AND FUNCTIONAL OUTCOME OF TOTAL KNEE ARTHROPLASTY (TKA) WITH OR WITHOUT PATELLAR RESURFACING - ASIAN PERSPECTIVE.**
Vinodhkumar PANNIRSELVAM, Wilson WANG, Justin BOEY (SINGAPORE)

28940 **OCCURRENCE OF DVT IN PATIENTS WITH PATELLA FRACTURES**
H. Del SCHUTTE JR., Greg COLBATH (UNITED STATES)

30144 **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)

29870 **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 HADDAD (UNITED KINGDOM)

28305 **PATELLOFEMORAL HEMICAP RESURFACING ARTHROPLASTY : LITERATURE REVIEW AND CLINICAL RESULTS**
Chinyelu MENAKAYA, David TEANBY (UNITED KINGDOM)

28013 **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)

27501 **DOES AN EXPERIENCED KNEE SURGEON BENEFIT FROM THE USE OF A NAVIGATION SYSTEM IN TKA?**
Rolf K. MIEHLKE, Ludwig BAUSE (GERMANY)

16:30 - 18:00

**Free Papers**

**Knee - Balancing**

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

28095 **ISOLATED LATERAL LIGAMENT LAXITY IN PRIMARY TOTAL KNEE ARTHROPLASTY: COHORT STUDY OF STEMMED VERSUS UNSTEMMED IMPLANTS**
Ohsoo KWON¹, Weon-Yoo KIM¹, Atul KAMATH¹, Gwo Chin LEE², Jonathan GARINO²
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)
### Symposium

#### High Tibial Osteotomy

**Moderator:**
Thami BENZAOUK (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 LACHANIELLE (FRANCE)

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

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

### Symposium

#### Russian Symposium

**Moderators:**
(to be confirmed)

**TREATMENT OF PATIENTS WITH SEVERE ISCHEMIC CONTRACTURE**
Sergey STRAFUN, I.N. KURINOI, O.G. GAJKO, 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 ZAGORODNY, Alexander BALBERKIN, Alexander ILYIN (RUSSIA)
DYNAMIC LSZ INSTRUMENTATION IN TREATMENT OF CHILDREN SCOLIOSIS
Mukhammad SAMPiev, Nikolay ZAGORODNIY, Alexander LAKA, Stepan BALASHOV, Artem LYAGIN (RUSSIA)

16:30 - 18:00 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

08:00 - 09:30 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
CASE DISCUSSION

10:30 - 12:00 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 VERTEBRAL COLUMN DECELLATION (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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<th>Title</th>
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<tr>
<td>16:30 - 18:00</td>
<td>Free Papers</td>
<td><em>Spine - Fractures</em></td>
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<td></td>
<td><em>Moderators:</em> Nanjundappa S. HARSHAVARDHANA (UNITED KINGDOM) &amp; Petr KORBELAR (CZECH REPUBLIC)</td>
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<tr>
<td>28422</td>
<td>NEGEDLECTED 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>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>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>ELECTRONEUROSTIMULATION CAPABILITIES IN VICTIMS OF VERTEBRAL CEREBRO-SPINAL INJURIES</td>
<td>Alexander TOMA, Svetlana GRAMMA, George TOMA, Kira PETROVA, Ilya TOMA, Svetlana TOMA, Vyacheslav NINEL (RUSSIA)</td>
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<td>29983</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 BUNGER (DENMARK)</td>
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<td>29405</td>
<td>ANTERIOR COLUMN RECONSTRUCTION IN BURST FRACTURES OF THORACO-LUMBAR REGION: RATIONALE AND INDICATIONS</td>
<td>Anil K JOSHI, Saurabh SINGH, Narender ROHILLA, Kamran FAROOQUE, Budhadev CHOWDHURY, Arvind JAYASWAL (INDIA)</td>
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<td>28418</td>
<td>SIMULTANEOUS ANTERIOR DECOMPRESSSION 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>
<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>
<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>
<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

08:00 - 09:30
Instructional Course
Surgical Management of Spinal Deformities
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 MINIMAL INVASIVE SURGICAL TREATMENT OF COMPRESSION SYNDROMES IN PATIENTS WITH
UNCOVERTEBRAL ARTHROSIS.
Mykola KORZH, Volodymyr RADCHENKO, Konstantin POPSUISHAPKA (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, Toshimitu 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

ISMISS/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, Andrzei 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 NEGLLECTED 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, Tomás PAVELKA (CZECH REPUBLIC)

27713 SELFDYNAMISABLE 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)

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

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 ROZKYDAL (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 AWAIS (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)

29209  INTERLEUKIN-1 BETA GENE POLYMORPHISM ASSOCIATED WITH RADIOGRAPHIC KNEE OSTEOARTHRITIS IN CHINESE
Chun Hoi YAN, Yiyian QIU, Kwong Yuen CHIU, Fu Yuen NG (HONG KONG)

29442  PROSPECTS OF USE OF PREPARATIONS ON THE BASIS OF BLOOD SERUM AS SYNOVIAL MEDIUM FOR MEDICAL CORRECTION TRIBOLOGY JOINTS
Vladimir NIKOLAEV, Alexander BELETSKII, S.F. ERMAKOV (BELARUS)

28867  ALKAPTONURIC OCHRONOSIS- A REVIEW OF 8 CASES
Sandeep KASHYAP, Mukand LAL (INDIA)

29641  TNF-α INHIBITS MINERALIZATION BUT NOT OSTEOGENIC DIFFERENTIATION INDUCED BY BMP-2
Hui LIU, Zhaomin ZHENG, Kuibo ZHANG, Hua WANG, Hao YANG, Zemin Li (CHINA)

29005  TRACTION REGENERATION OF PERIPHERAL NERVES TO TREAT SEGMENTAL DEFECTS
Syed AWAI (PAKISTAN)

29670  A NOVEL BIODEGRADABLE INJECTABLE POLYCAPROLACTONE-MAGNESIUM HYBRID FOR ORTHOPAEDIC IMPLANTATION
Hoi Man WONG, Kelvin YEUNG, Paul CHU, Keith LUK, Kenneth CHEUNG (HONG KONG)

29931  MORPHOLOGICAL ANALYSIS OF SYNOVIAL FLUID IN DIAGNOSIS OF OSTEOARTHRITIS
Vadim ZAR, Victor VOLOSHIN, Svetlana SHATOKHINA, Vladimir SHABALIN, Vladimir ZUBIKOV (RUSSIA)

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
Shreenath KULKARNI, Govind KULKARNI, Ruta KULKARNI, Sunil KULKARNI, Vidisha KULKARNI
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 MAUFFFFFF, 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 WITH ANTI-BIOTIC FOR THE RECONSTRUCTION OF INFECTED BONE DEFECTS.
Christian ALLENDE, Julio BAGLIARDELLI, Pablo BRUNO, Damian 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  INTERPRETING 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-PAHOMARES, 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)

29614 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)

28502 FAMILIAL ISOLATED CLUBFOOT IS ASSOCIATED WITH RECURRENT CHROMOSOME 17Q23.1Q23.2 MIRCRODUPLICATIONS CONTAINING TBX4
Christina GURNETT, David ALVARADO, Hyuliya AFEROL, Kevin MCCALL, Jason HUANG, Matthew TECHY, Buchan JILLIAN, Janet CADY, Patrick GONZALES, Matthew DOBBS (UNITED STATES)

28498 EXOME SEQUENCING IDENTIFIES MYH3 MUTATION IN FAMILY WITH DISTAL ARTHROGRYPOSIS TYPE I
Matthew DOBBS, David ALVARADO, Jillian BUCHAN, Christina GURNETT (UNITED STATES)

29155 KINETIC ANALYSIS OF THE HIP JOINT IN CHILDREN WITH IDIOPATHIC CLUBFOOT
Mohammed EL-SOBKY, Rania Salah SWILAM, Amira Mohamed EL TOHAMY (EGYPT)

28389 PREDICTION OF THE CLUBFOOT PROGNOSIS BY THE RADIOGRAPH AT NEONATE
Shinichi SATSUMA, Daisuke KOBAYASHI, Maki KINUGASA (JAPAN)

28621 RELIABILITY OF THE DIMEGLIO CLASSIFICATION FOR CLUBFOOT
Armando TORRES-GOMEZ, Nelson CASSIS, Gilberto RIOS, Ricardo VELUTINI, Juan-Carlos FALCON (MEXICO)

29736 RELIABILITY OF THE DIMEGLIO CLASSIFICATION FOR CLUBFOOT
Armando TORRES-GOMEZ, Nelson CASSIS, Gilberto RIOS, Ricardo VELUTINI, Juan-Carlos FALCON (MEXICO)

29065 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)

30052 ASSESSMENT OF THE TALO-NAVICULAR JOINT BY ULTRASOUND DURING PONSETI MANAGEMENT OF CLUBFEET
Arne JOHANSSON, Ylva AURELL, Paula BERG, Bertil ROMANUS (SWEDEN)

30211 ULTRASOUND ASSESSMENT OF CLUBFOOT IN INFANTS
Guy GRIMARD, Marie-Claude MIRON, Benoit MORIN, Marie-Andrée CANTIN, Morris DUHAIME (CANADA)

10:30 - 12:00 Free Papers

ICFC: International Clubfoot Treatment Programs & Strategies for Managing Difficult Clubfeet

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 OWEN¹, Andrew MAYO³, Jose MORCUENDE³, Christopher LAVY¹
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 SAKALA², 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 ARROJIS (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 EQUINOVORUS IN CHILDREN**
Irina KLYCHKOVA, Vladimir KENIS, Nadezhda KOVALENKO-KLYCHKOVA, Yulia STEPANOVA (RUSSIA)

**28943 PREDICTIVE FACTORS OF EARLY RECURRENCE DURING CLUBFOOT TREATMENT WITH THE PONSETI METHOD: DOES TEMPERAMENT MATTER?**
Joshua HYMAN, Jeane 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)

**28534 TIBIALIS ANTERIOR TENDON TRANSFER FOR DEFORMITY CORRECTION IN CLUBFOOT PATIENTS TREATED WITH THE PONSETI METHOD**
Nelson CASSIS, Gilberto RIOS, Armando TORRES-GOMEZ, Andrea ZEDILLO (MEXICO)
THE PONSETI LEARNING CURVE
Peter DACOMBE, Jas DAURKA, Stuart EVANS, Alison HULME, Denise WATSON (UNITED KINGDOM)

FURTHER ADVANCES OF THE DYNAMIC FUNCTIONAL TREATMENT
Verena HALDI-BRÄNDLE (SWITZERLAND)

PREDICTING THE NEED FOR ANTERIOR TIBIALIS TENDON TRANSFER IN CLUBFEET TREATED WITH THE PONSETI METHOD
Alice CHU, Rachel GOLDSTEIN, Debra SALA, Wallace LEHMAN (UNITED STATES)

A PHYSIOTHERAPIST-LED PONSETI SERVICE FOR THE MANAGEMENT OF IDIOPATHIC AND COMPLEX CLUBFOOT DEFORMITY
Yael GELFER, Mia DUNKLEY, Deborah JACKSON, Cristina RAFTER, Jen ARMSTRONG, Evette PARNELL, Deborah EASTWOOD (UNITED KINGDOM)

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
¹(KOREA SOUTH), ²(PHILIPPINES)

CAN SOFT CAST BE AN ALTERNATIVE MATERIAL IN PONSETI CLUBFOOT TREATMENT?
Chien-Chung KUO, Ken N. KUO, Horng-Chaung HSU, Tung-Wu LU (TAIWAN)

RESULTS OF AN EFFECTIVE HUB AND SPOKE MODEL FOR TREATMENT OF CLUBFOOT
Nikolas JAGODZINSKI, Noel FISHER, Louise BRYAN, Hari PREM (UNITED KINGDOM)

MANAGEMENT OF IDIOPATHIC CLUBFOOT BY PONSETI TECHNIQUE : OUR EXPERIENCE AT A TERTIARY REFERRAL CENTRE
Kamal BALI, Aditya MOOTHA, Pebam SUDESH (INDIA)

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)

USE OF DYNAMIC VS STATIC ABDUCTION BARS WITH MITCHELL SHOES
Shawn GILBERT, David CHONG (UNITED STATES)

Free Papers

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

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

REVISION CLUBFOOT SURGERY WITH CALCANEOCUBOID FUSION: RESULTS AT LONG-TERM FOLLOW-UP
Wallace LEHMAN¹, Sonia CHAUDHRY¹, Alice CHU¹, Dan ATAR², Debra SALA¹
¹(UNITED STATES), ²(ISRAEL)

PROGRESSIVE SOFT TISSUE RELEASE PROCEDURE FOR IDIOPATHIC CLUBFOOT: 10-YEAR FOLLOW-UP
Noppachart LIMPAPHAYOM, 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)
30321 RESULTS OF TREATMENT OF CLUBFOOT BY THE PONSETI METHOD : 10 YEARS FOLLOW-UP
Luiz Carlos LARA (BRAZIL)

28799 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 SANOO, Atsushi KITA (JAPAN)

29025 IS MEASURING THE LENGTH OF THE FOOT A USEFUL TOOL IN THE CLUBFOOT FOLLOW-UP?
Evgenia MANOUSAKI, Hanneke ANDRIESSE, Gunnar HÄGGLUND, Philippe WAGNER (SWEDEN)

30021 IS JESS EXTERNAL FIXATION USEFUL IN TREATING CLUBFOOT ?
Ram PRABHOO (INDIA)

29849 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 SEHIRIOGLU (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 KRBEČ (CZECH REPUBLIC)

16:30 - 18:00
Lecture / Free Papers
Spine - Complications in Spine Surgery
MODERATORS:
Dariush GOURAN SAVADKOOGHI (IRAN) & Lars Rune HEDLUND (SWEDEN)

ADJACENT SEGMENT DISORDER, MYTH OR REALITY?
Lars Rune HEDLUND (SWEDEN)

27141 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 TANEICH, Tomomichi KAJINO, Hiroshi MORIDAIRA, Satoko MATSUMOTO, Seiji IIMOTO, 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 MEYGHAN, 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)

PRACTICAL MODULE: PRACTICAL TEACHING - HOW TO PUT A PLASTER CAST ON SUPPORTED BY BSN / SAW BONE WORKSHOP - VOLAR PLATING USING ANKLE STABLE DEVICES SUPPORTED BY SYNTHES
Steffen RUCHHOLTZ¹, Andreas RUECKER¹, James WADDELL², Martin LUCKE¹, Michael ROBINSON³, Volker BRAUNSTEIN⁴
¹(GERMANY), ²(CANADA), ³(UNITED KINGDOM), ⁴(AUSTRIA)

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 PANTELI, 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, Srihatch NGARMUKOS, Pongsak YUKTANANDANA, Aree TANAVEE (THAILAND)

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-NGASONGSONG, Viroj KAWINWONGGOWIT, Pataraw Woratanarat, Pongthorn CHANPOLKORN, Bussanee WIBULPOLPRASERT, Siwadol WONGSAK, Umaporn UDUMSUBPAYAKUL, 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 LEE¹, Ki-Hyun JO¹, Nong Kyoum AHN¹, Il Seok PARK¹, Hong-Sub LIM¹, Su Chan LEE²
¹(KOREA SOUTH), ²(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 ALSHRYDA (UNITED KINGDOM)

28835  IS ROUTINE USE OF ANTICOAGULANT CHEMOPROPHYLAXIS IN JOINT REPLACEMENT ARTHROPLASTY JUSTIFIED: A CLINICAL STUDY
Chandra Shekhar YADAV, Ashok KUMAR, Sameer NARANJE, 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 PUBIC 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

08:00 - 09:30

**Lecture / Free Papers**

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

*Moderators:*
William J. MALONEY (UNITED STATES) & Laurent SEDEL (FRANCE)

**30290** PROBLEMS WITH METAL-METAL BEARINGS IN TOTAL HIP REPLACEMENT
William J. MALONEY (UNITED STATES)

**28804** NINE-YEAR CLINICAL EXPERIENCE WITH METAL-ON-METAL HIP RESURFACING
Riccardo ORSINI, Antonio MORONI, Martha HOQUE, Rajesh RAJULE, Giovanni MICERA (ITALY)

**29552** EARLY RESULTS OF TREATMENT OF ADVERSE REACTION TO METAL DEBRIS
Praveen MEREDDY, RagHAVENDRA SIDAGINAMALE, Jimmy GANDHI, David LANGTON, Rajanikanth 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.
Amanda KING, Ibrahim MALEK, Narendra RATH, Hemant SHARMA, Alun JOHN (UNITED KINGDOM)

**28443** OSTEOYSIS AFTER CONTEMPORARY METAL-ON-METAL TOTAL HIP ARTHROPLASTY
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.
Sitthu THIAGARAJ, Shawn TAVARES (UNITED KINGDOM)

**29617** ULTRASOUND FEATURES OF ADVERSE REACTION FOLLOWING METAL ON METAL HIP REPLACEMENT: A CASE CONTROL STUDY.
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
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
Ragahavendra SIDAGINAMALE, Jimmy GANDHI, Praveen MEREDDY, David LANGTON, Tom JOYCE, Rajnikanth LOGISHETTY, Chris TULLOCH, Antoni NARGOL (UNITED KINGDOM)

**27886** METAL ION LEVELS IN METAL-ON-METAL TOTAL HIP ARTHROPLASTY WITH LARGE-DIAMETER HEAD
Masahiro HASEGAWA, Kakunoshin YOSHIDA, Hiroki WAKABAYASHI, Akihiro SUDO (JAPAN)

10:00 - 11:30

**Lecture / Free Papers**

**Hip - Revision**

*Moderators:*
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 NÖTH, 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 TOTOROVIC, Cedomir VUCETIC, Goran TULIC, Sanja TOMANOVIC,
Aleksandar DJURDJEVIC, Radan MILOVANCEVIC, Marko KADIJA (SERBIA)

28454 ACETABULAR RE-REVISION OF FAILED REVISION TOTAL HIP ARTHROPLASTY
Sang-Min KIM, Youn-So PARK, Young-Wan MOON, Seung-Jae LIM, Hyun-Seok YIM, Jae-Woo SHIM
(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 MIDSHTAFT 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, Gantony DI GIORGIO, Francesco PEZZILLO, Domenico MAROTTA (ITALY)
Friday, 9 September 2011

Meeting Hall IV

08:00 - 09:30

Lecture / Free Papers

Knee - Soft Tissue

Moderators:
Wolfgang FITZ (UNITED STATES) & Anthony J. HALL (UNITED KINGDOM)

PATIENT SPECIFIC PARTIAL (IUNI AND IDUO) AND TOTAL KNEE REPLACEMENT (ITOTAL)
Wolfgang FITZ (UNITED STATES)

IMPLANT POSITION AND KNEE ALIGNMENT AFTER PATIENT-SPECIFIC UNICOMPARTMENTAL KNEE ARTHROPLASTY
Franz KÖCK, Johannes BECKMANN, Philipp LECHLER, Clemens BAIER, Hans - Robert SPRINGORUM, Erhan BASAD, Joachim GRIFKA (GERMANY)

PERIPROSTHETIC TIBIAL FRACTURES USING THE MINIMAL INVASIVE MEDIAL UNICOMPARTMENTAL KNEE ARTHROPLASTY „OXFORD UNI“
Joern SEEGER, Peter ALDINGER, Michael CLARIUS (GERMANY)

BONE LOSS DURING REVISION UNICOMPARTMENTAL AND TOTAL KNEE REPLACEMENT: AN ANALYSIS OF THE NATIONAL JOINT REGISTRY DATA
Khaled SARRAF, Sam OUSSEDIK, Naresh SOMASHEKAR (UNITED KINGDOM)

TREATMENT OF MEDIAL KNEE OA: AN ALTERNATIVE TO ARTHROPLASTY FOR YOUNGER ACTIVE PATIENTS
Nick LONDON\textsuperscript{1}, David HAYES\textsuperscript{2}, Craig WALLER\textsuperscript{2}, Jon SMITH\textsuperscript{1}, Steven GUY\textsuperscript{1}, Rhys WILLIAMS\textsuperscript{1}, Tim WILTON\textsuperscript{2}\textsuperscript{1}(UNITED KINGDOM), \textsuperscript{2}(AUSTRALIA)

DIAGNOSIS AND MANAGEMENT OF PROXIMAL TIBIAL STRESS FRACTURES IN PATIENTS UNDERGOING TKR
Buddha Deb CHATTERJEE (INDIA)

MANAGEMENT OF MAJOR BONE DEFICIENCY OF THE MEDIAL TIBIAL CONDYLE IN PATIENTS WITH SEVERE VARUS DEFORMITY UNDERGOING TKR
Buddha Deb CHATTERJEE (INDIA)

CORRECTING VARUS DEFORMITY WITH FLEXION CONTRACTURE DURING TOTAL KNEE ARTHROPLASTY: THE “INSIDE-OUT” TECHNIQUE
Chitransan RANAWAT, Morteza MEFTAH, Amar RANAWAT (UNITED STATES)
29596  PATIENT SPECIFIC INSTRUMENTATION - WHEN TO TRUST AND WHEN DO YOU DITCH THEM?
Vaibhav BAGARIA, Anoop DOKANIA, Rajiv ANAND (INDIA)

10:00 - 11:30  Free Papers

Knee - Infection & Revision

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 AVRAMIDIS, Michail BOZOGLOU, Christos LYRTZIS, Spiridon ALEXIADIS, Aristotelis HATZIDELIOS (GREECE)

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

30019  SURFACE MODIFICATION OF IMPLANTS INHIBITS PRIMARY ATTACHMENT IN BIOFILM FORMING BACERIA
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 GOTHESEN, Birgitte ESPEHAUG, Stein Hakon LASTAD LYGRE, Gunnar PETURSSON, Leif Ivar HAELVIN, 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

08:00 - 09:30  Free Papers

BEST PAPERS

28496  LOCKING COMPRESSION PLATE BREAKAGE AND FRACTURE NON-UNION. A FINITE ELEMENT STUDY OF THREE PATIENT-SPECIFIC CASES.
Mujtaba NASSIRI, John O’BYRNE (IRELAND)
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)

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

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)

29148  CT-GUIDED PERCUTANEOUS REMOVAL OF OSTEOID OSTEOMA
Roberto VÉLEZ (SPAIN)

29375  BONE LOSS DURING REVISION UNICOMPARTMENTAL AND TOTAL KNEE REPLACEMENT: AN ANALYSIS OF THE NATIONAL JOINT REGISTRY DATA
Khaled SARRAF, Sam OUSSEDIK, Naresh SOMASHEKAR (UNITED KINGDOM)

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

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)

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

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 MARÍN, Enric CÁCERES (SPAIN)

28288  MODIFIED SALTER INNOMINATE OSTEOTOMY WITHOUT INTERNAL PINS FIXATION FOR THE TREATMENT OF HIP DISORDERS
Jun Li (CHINA)
CHIRON'S VIEW FOR CAM FEMOROACETABULAR IMPINGEMENT: AN ANATOMIC STUDY
Etienne CAVAIGNAC, Nicolas REINA, Jean Michel LAFFOSSE, Philippe CHIRON (FRANCE)

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

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

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 PHYYSIS: 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)

LUMBAR INTERBODY FUSION WITH CAGES : TWENTY YEARS AFTER
Sabri EL BANNA (BELGIUM)

THE INFLUENCE OF MUSCLE FORCES ON THE STRESS DISTRIBUTION IN LUMBAR SPINE
Eva POSNER, Christian WONG, Sebastian DENDORFER, John RASMUSSEN, Erik B. SIMONSEN, Lone HANSEN, Mark DE ZEE (DENMARK)

LONGITUDINAL RADIOGRAPHIC CHANGES IN SUCCESSFUL ARTHRODESIS PATIENTS AFTER POSTERIOR LUMBAR INTERBODY FUSION USING A INTERBODY CARBON CAGE—A PROSPECTIVE
5-YEAR STUDY
Tokumi KANEMURA, Yoshimoto ISHIKAWA, Akiyuki MATSUMOTO, Kotaro SATAKE, Yoshihito SAKAI, Zenya ITO, Akio MURAMOTO, Shiro IMAGAMA (JAPAN)

28838 SYNVOIAL FACET CYSTS AFTER DECOMPRESSIVE SURGERY FOR LUMBAR SPINAL CANAL STENOSIS - A PROSPECTIVE COHORT STUDY -
Akihiro NAGAMACHI, Shunichi TOKI, Takahiko TSUTSUI, Hiroshi YONEZU, Keisuke ADACHI, Kazumasa INOUE, Toru ENDO (JAPAN)

29783 THE PREVALENCE OF SPONDYLOLYSIS AND ITS RELATIONSHIP WITH LOW BACK PAIN IN SELECTED POPULATION.
Ko SANG-BONG, Cho MYUNG-RAE, Park CHANG-MIN, Baek SEUNG-HOON (KOREA SOUTH)

29648 ARE “PATTERNS” OF LUMBAR DISC DEGENERATION ASSOCIATED WITH LOW BACK PAIN? NEW INSIGHTS BASED ON SKIPPED LEVEL DISC PATHOLOGY
Dino SAMARTZIS1, Jaro KARPPINEN2, Keith LUK1, Kenneth CHEUNG1
1(HONG KONG), 2(FINLAND)

28482 ACUPUNCTURE THERAPY FOR CHRONIC LOWER BACK PAIN: A SYSTEMATIC REVIEW
Dionysios TRIGKILIDAS (UNITED KINGDOM)

29502 ROLE OF FACET JOINT TROPISM IN LUMBAR DISC HERNIATION
Gaurav SHARMA, Manish CHADHA, Shobha ARORA (INDIA)

29657 INTERVERTEBRAL DISC DEGENERATION ON MRI IS ASSOCIATED WITH LOW BACK PAIN: A POPULATION-BASED STUDY
Dino SAMARTZIS1, Jaro KARPPINEN2, Keith LUK1, Kenneth CHEUNG1
1(HONG KONG), 2(FINLAND)

29699 PARS INTERARTICULARIS REPAIR WITH PERCUTANEOUS SCREW FIXATION
Farhaan ALTAF, Lester WILSON, Philippa TYLER (UNITED KINGDOM)

Friday, 9 September 2011

Terrace I

08:00 - 09:30
Free Papers

Spine - Deformities II

Moderators:
Cody BÜNGER (DENMARK) & Pierre FABECK (BELGIUM)

28354 NEW UNDERSTANDING OF ETIOLOGY AND PATHOGENESIS OF IDIOPATHIC SCOLIOSIS (IS). PROSPECTS FOR IT’S SUCCESSFUL TREATMENT.
Valentyn SERDYUK (UKRAINE)

28319 RIGHT THORACIC CURVATURE PROGREES IN ADOLESCENT PERIOD IN THE NORMAL SPINE
Toshio DOI, Osamu TOHNO, Kiyoshi TARUKADO, Yukihide IWAMOTO (JAPAN)

29276 SURGICAL CORRECTION OF SCOLIOSIS IN NEUROFIBROMATOSIS: ARE ALL PEDICLE SCREW CONSTRUCTS BETTER?
Mohammad EL-SHARKAWI, Wael KOPTAN, Yasser ELMILIGUI, Fady SHAFIK (EGYPT)

29163 THE EFFECTIVENESS OF POSTERIOR ONLY PEDICLE SCREW INSTRUMENTATION IN THE TREATMENT OF SEVERE SCOLIOSIS (GREATER THAN 70 DEGREES)
Erbil OGUZ, Serkan BILGIC, Omer ERSEN, Tolga EGE, Yuksel YURTTAS, Ali SEHIRLIOGLU (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 MILIKOVIC, 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, Yaser EL-MILIGUI, Essam EL-SHERIF (EGYPT)

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

27238 NAVIGATED PERCUTANEOUS LUMBOSACRAL INTERBODY FUSION : A FEASIBILITY STUDY WITH 3D SURGICAL SIMULATION AND CADAVERIC EXPERIMENT
Yu WANG, Cody BUNGER (DENMARK)

27237 POSTOPERATIVE SPINAL ALIGNMENT REMODELING IN LENKE 1C TYPE SCOLIOSIS TREATED WITH SELECTIVE THORACIC FUSION
Yu WANG, Cody BUNGER, Ebbe HANSEN (DENMARK)

10:00 - 11:30 Lecture / Free Papers

Trauma - Soft Tissue & Miscellaneous

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

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

29865 A SYSTEMATIC REVIEW OF THE USE OF PLATELET CONCENTRATES ON TENDON AND LIGAMENT INJURIES OF THE EXTREMITIES
Mohamed SUKEIK, Jonathan BERNHEIMER, Fares HADDAD (UNITED KINGDOM)

27975 ANATOMICAL REATTACHMENT OF DISTAL BICEPS TENDON RUPTURE - MID-TERM RESULTS AND COMPLICATIONS OF THE TWO TECHNIQUES
Maros HRUBINA, Jiri BEHOUNEK, Miroslav SKOTAK, Oldrich KRUMPL, Pavel MIKA, Jaroslav LETOCHA (CZECH REPUBLIC)

27383 ARTHROSCOPIC MANAGEMENT OF PARTIAL ACL INJURY
Hesham EL KADY (EGYPT)

29886 OPERATIVE TREATMENT OF DISPLACED MID SHAFT CLAVICLE FRACTURES: USE OF RECONSTRUCTION LOCKING PLATE
Ashish GOHIYA, Sanjiv GAUR, Anoop MEHROTRA (INDIA)

28663 MANIPULATION OF THE INVOLUCRUM FOR FEMORAL RECONSTRUCTION AFTER CIERNY-MADER TYPE IV OSTEOMYELITIS: A NEW CLASSIFICATION SCHEME AND MANAGEMENT ALGORITHM.
Mahmoud MAHRAN, Mootaz THAKEB, Mohamed A. EID, Hany HEFNY (EGYPT)

27111 CORRECTION OF COMPLEX FOOT DEFORMITY IN SKELETALLY MATURE PATIENTS BY ILIZAROV EXTERNAL FIXATION VERSUS STAGED EXTERNAL-INTERNAL FIXATION.
Khaled EMARA (EGYPT)
Friday, 9 September 2011

Club A

08:00 - 09:30

Instructional Course

TKR Balancing

Moderator:
Antonin SOSNA (CZECH REPUBLIC)

BIOMECHANIC 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)

10:00 - 11:30

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 TSIALOGIANNIS, Grigoris KATSOULIS (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 KEESENLİ, Kaya MEMISOĞLU, 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 VOJTOVA, 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

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)

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)
## PUNCTION OF THE JOINTS UNDER ULTRASOUND CONTROL

Petr CHLADEK (CZECH REPUBLIC)

**Friday, 9 September 2011**

*Club C*

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<td>08:00 - 09:30</td>
<td>Free Papers</td>
<td>Trauma - Miscellaneous I</td>
<td>Vladislav FRIC (CZECH REPUBLIC) &amp; Thamer HAMDAN (IRAQ)</td>
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<td>2973</td>
<td>AUTOLOGOUS 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</td>
<td>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</td>
<td>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</td>
<td>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>28857</td>
<td>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</td>
<td>CK-MB/CK RATIO AS AN INDIRECT PREDICTOR FOR SURVIVAL IN PATIENTS WITH POLYTRAUMA</td>
<td>Florian M KOVAR, Endler GEORG, Vilmos VECSEI, Stefan HAJDU, Thomas HEINZ, Oswald F. WAGNER, Silke ALDRIAN (AUSTRIA)</td>
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<td>27702</td>
<td>OUTCOME OF HIP FRACTURE PATIENTS WITH RENAL IMPAIRMENT</td>
<td>Prithee JETTOO, P J GILL (UNITED KINGDOM)</td>
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<td>10:00 - 11:30</td>
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<td>Trauma - Miscellaneous II</td>
<td>Raja K. CHAFTARI (LEBANON) &amp; Peteris STUDERS (LATVIA)</td>
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<td>28414</td>
<td>KNEE JOINT STIFFNESS ELIMINATION USING COMPUTER-ASSISTED ORTHO-SUV FRAME</td>
<td>Leonid SOLOMIN, Konstantin KORCHAGIN, Alexandr UTEKHIN (RUSSIA)</td>
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29727 DETECTING POST REDUCTION FIBULAR MALROTATION USING CONVENTIONAL FLUOROSCOPY
Meir MARMOR, Utku KANDEMIR, Erik HANSEN, Amir MATITYAHU, Saam MORSHED (UNITED STATES)

29757 COMPLICATIONS OF PRE-CONTOURED LOCKING PLATES
Amit KUMAR, Rizwan SHAHID, Mohammad MAQSOOD (UNITED KINGDOM)

28496 LOCKING COMPRESSION PLATE BREAKAGE AND FRACTURE NON-UNION. A FINITE ELEMENT STUDY OF THREE PATIENT-SPECIFIC CASES.
Mujtaba NASSIRI, John O’BYRNE (IRELAND)

28668 COMMONLY MISSED INJURIES OF CLINICAL SIGNIFICANCE IN POLYTRAUMA PATIENTS
Vijay Kumar KHARIWAL (INDIA)

28795 ROLE OF LOCKING COMPRESSION PLATE IN THE MANAGEMENT OF NON UNION OF DIAPHYSEAL FRACTURES
Chirag T.N, Chetan PRADHAN, Ashok SHYAM, Parag SANCHETI (INDIA)

29385 ORTHOPAEDIC CARE IN A SOUTHWESTERN NIGERIAN SECONDARY LEVEL HOSPITAL: ARE PATIENTS’ SURGICAL NEEDS BEING MET?
Adeleke IFESEANYA, Adeleke IFESEANYA (NIGERIA)

29590 USE OF GIS APP AS TOOL FOR MONITORING TRAUMA CASES
Vaibhav BAGARIA, Saurabh BAGARIA, Anoop DOKANIA, Rajiv ANAND (INDIA)

Friday, 9 September 2011

Club D

08:00 - 09:30
Instructional Course

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 OLIJHOEK (NETHERLANDS)

**THE TREATMENT OF (NEGLECTED) FRACTURES IN DEVELOPING COUNTRIES, SAFETY FIRST!**
Ger OLIJHOEK (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)

**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)

**PATHOLOGICAL FRACTURES OF THE PROXIMAL FEMUR: A REVIEW OF 143 CASES**
Asif KHAN, Martyn PARKER (UNITED KINGDOM)

**HIP FRACTURE PATIENTS ON WARFARIN-CAN WE MINIMISE DELAY TO SURGERY?**
Prithee JETTOO (UNITED KINGDOM)

**TO STUDY THE DYNAMIC MRI CURVE PATTERNS OF HIP IN PATIENTS WITH INTRACAPSULAR FRACTURE NECK OF FEMUR PREOPERATIVELY AND 6 MONTHS POSTOPERATIVELYÂ†â½**
Ankit GOYAL, Mathew VARGHESE, Balu SANKARAN (INDIA)

**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**

97
29195 EFFECT OF VARUS AND VALGUS ALIGNMENT ON IMPLANT LOADING AFTER PROXIMAL FEMUR FRACTURE FIXATION
Amir MATITYAHU, Meir MARMOR, Kate LIDDLE, Jennifer BUCKLEY (UNITED STATES)

30017 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)

28523 INTERNATIONAL SURVEY OF TRAUMA AND ORTHOPAEDIC SURGEONS ON OPERATIVE MANAGEMENT OF EXTRACAPASULAR HIP FRACTURES.
Prithee JETTOO1, Nc BAYLISS1, A P SCHULZ2
1(UNITED KINGDOM), 2(GERMANY)

29843 INCIDENCE OF HIP FRACTURE IN SOUTHEASTERN NORWAY. A FOLLOW-UP STUDY
Sam POLESIE, Ulf SIGURDSEN, Kristian BJORGUL (NORWAY)

10:00 - 11:30 Lecture / Free Papers

Arthroplasty - Hemiarthroplasty

Moderators:
Abdullah AL-OTHMAN (SAUDI ARABIA) & Rajeev NAIK (INDIA)

30281 RECENT TRENDS AND PREVENTION OF COMPLICATIONS IN MANAGEMENT OF FRACTURES OF PROXIMAL FEMUR
Rajeev NAIK (INDIA)

28619 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)

29111 OSTEOPOROTIC HIP FRACTURES SHOULD BE FIXED SURGICALLY IN THE VERY OLD
Janise LEE, Joyce KOH, Fook STEPHANIE, Tet Sen HOWE (SINGAPORE)

29495 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)

29287 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 KÄRRHOLM, Göran GARELLICK (SWEDEN)

27326 UNIPOLAR VERSUS BIPOLAR HEMIARTHROPLASTY FOR DISPLACED FEMORAL NECK FRACTURES IN THE ELDERLY: IS THERE A DIFFERENCE?
Dennis NG, Kevin LEE (SINGAPORE)

28856 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

08:00 - 09:30
Instructional Course

Clubfoot Treatment - Evaluation of Ponseti Method

Moderator:
Pavel DUNGL (CZECH REPUBLIC)

PATHOMORPHOLOGY OF CLUBFOOT
Ernesto IPPOLITO (ITALY)

PATHOMORPHOLOGY OF CLUBFOOT
Ernesto IPPOLITO (ITALY)

CLASSIFICATION SYSTEMS OF CONGENITAL CLUBFOOT
Alain DIMEGLIO (FRANCE)

CLASSIFICATION SYSTEMS OF CONGENITAL CLUBFOOT
Alain DIMEGLIO (FRANCE)

TREATMENT BY MANIPULATION ACC TO PONSETI PRINCIPLES
Jiri CHOMIAK (CZECH REPUBLIC)

TREATMENT BY MANIPULATION ACC TO PONSETI PRINCIPLES
Jiri CHOMIAK (CZECH REPUBLIC)

EVALUATION OF THE RESULTS OF CLUBFOOT TREATMENT INCLUDING GAIT ANALYSIS
Franz GRILL (AUSTRIA)

EVALUATION OF THE RESULTS OF CLUBFOOT TREATMENT INCLUDING GAIT ANALYSIS
Franz GRILL (AUSTRIA)

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)

10:00 - 11:30
Free Papers

Foot & Ankle - Miscellaneous III

Moderators:
Hashem ALKHATIB (UNITED ARAB EMIRATES) & Erdal CILA (TURKEY)

29941  ARTHRODESIS OF LOWER EXTREMITIES WITH BLOCKING INTRAMEDULLARY NAIL
Victor VOLOSHIN, Konstantin SHEVYRIEV, Vladimir ZUBIKOV, Anatoliy EREMIN (RUSSIA)
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<td>BIOMECHANICAL COMPARISON OF CYCLIC STABILITY AND LOAD TO FAILURE OF ACHILLES TENDON REPAIR WITH NINE DIFFERENT SUTURES</td>
<td>Andrey SEREDA, Andrey GRITSYUK, Maksim TIMAKOV (RUSSIA)</td>
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<td>RESULTS AND FUNCTIONAL OUTCOME OF TRAUMATIC SECONDARY ARTHROSIS OF THE ANKLE JOINT TREATED BY INTERNAL ARTHRODESIS</td>
<td>Sven JUNG, Levent ÖZOKYAY, Thomas SCHILDHAUER, Marlon COULIBALY (GERMANY)</td>
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<td>TOTAL ANKLE REPLACEMENT - LONG TERM SURVIVAL ANALYSIS</td>
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<td>IS LAG SCREW FIXATION CRUCIAL IN LATERAL MALLEOLUS FRACTURE FIXATION ?</td>
<td>Sujith SIDHARTHAN, Andrew JARVIS (UNITED KINGDOM)</td>
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<td>INDICATION OF ARTHROSCOPIC DRILLING AND RETROGRADE CANCELLOUS BONE TRANSPLANTATION FOR THE TREATMENT OF OSTEOCHONDRAL LESIONS OF THE ANKLE ACCORDING TO SUBCHONDRAL BONE CONDITION</td>
<td>Masato TAKAO, Ken INNAMI, Wataru MIYAMOTO, Takashi MATSUSHITA (JAPAN)</td>
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<td>OPEN REDUCTION AND INTERNAL FIXATION IN INTRAARTICULAR CALCANEAL FRACTURES: TECHNICAL PITFALLS, CONTROVERSIES AND SOLUTION TO THE PROBLEMS.</td>
<td>Aleh KORZUN, Alexandre BELETSKIY, Alexander BELETSKIY, Alexandre SITNIK, Alexandre LINOV (BELARUS)</td>
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<td>29092</td>
<td>HOW VALID ARE FOOT AND ANKLE OUTCOMES MEASURES AND INSTRUMENTS?</td>
<td>Diarmuid DE FAOITE¹, Beate HANSON¹, Michael SUK², David HELFET²</td>
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<td></td>
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<td>¹(SWITZERLAND), ²(UNITED STATES)</td>
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<td>28673</td>
<td>SAFETY PROFILE OF SURAL NERVE IN POSTEROLATERAL APPROACH TO THE ANKLE JOINT –MRI STUDY.</td>
<td>Pregash ELLAPPARADJA, Yaya HUSAMI, Ian MCLEOD (UNITED KINGDOM)</td>
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