

# Programme

## Thursday, 17 October

	Hall 3	Hall 1	Hall 2	Hall 5	Hall 6
08:30-10:00	<i>Symposium Trauma Fractures of the Pelvis</i>	<i>Invited Lecture &amp; Free Papers Hip Miscellaneous</i>	<i>Symposium Paediatrics Hip - How I Treat</i>	<i>Instructional Course Sports Medicine Wireless Video Arthroscopy with Hands-On Laboratory</i>	<i>Instructional Course Spine Spinal Imaging</i>
10:00-10:30	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
10:30-12:00	<i>Symposium Trauma Acetabular Fractures</i>	<i>Free Papers Hip Total Hip Arthroplasty - Femoral Implant</i>	<i>Invited Lecture &amp; Free Papers Paediatrics Growth Modulation &amp; Upper Limb</i>	<i>ASAMI Symposium Neglected Fractures</i>	<i>Symposium Spine Controversies in Spinal Surgery - What Is In &amp; What Is Out?</i>
12:00-12:30	<i>Plenary Lecture - José Franco</i>				
12:30-14:00	<i>Zimmer Industry Symposium</i>	<i>Break</i>	<i>Smith &amp; Nephew Industry Symposium</i>	<i>Break</i>	<i>Depuy Synthes Industry Symposium</i>
14:00-15:30	<i>Free Papers Trauma Pelvis &amp; Acetabulum</i>	<i>Invited Lecture &amp; Free Papers Hip Total Hip Arthroplasty - Dysplasia &amp; Ace- tabular Defect</i>	<i>Free Papers Paediatrics Hip &amp; Knee</i>	<i>Free Papers Knee Osteotomy &amp; Cartilage Defects</i>	<i>Free Papers Spine Cervical Spine</i>
15:30-16:00	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
16:00-16:30		<i>Plenary Lecture - Dror Paley</i>			
16:30-18:00		<i>Invited Lecture &amp; Free Papers Hip Total Hip Arthroplasty - Cup Position Fol- low-Up &amp; Infection</i>	<i>Symposium Paediatrics Update - Infections in Children</i>	<i>Symposium Knee Young Arthritic Knee Below 40</i>	<i>Free Papers Spine Deformities</i>
18:15-19:45	<b>Opening Ceremony</b>				

	<b>MR G.01 &amp; MR G.02</b>	<b>MR G.03 &amp; MR G.04</b>	<b>MR G.05 &amp; MR G.06</b>	<b>MR 1.05 &amp; MR 1.06</b>	<b>MR 1.01 &amp; MR 1.02</b>
08:30-10:00	<i>Instructional Course</i> <b>Research Breakthrough</b> Tools in Tissue Engineering	<i>Instructional Course</i> <b>Shoulder &amp; Elbow</b> Hemiarthroplasty in Trauma	<i>Symposium</i> <b>Hip</b> Osteotomies Around the Hip in Adolescents	<i>Workshop</i> Use of IT in Medicine	
10:00-10:30	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
10:30-12:00	<i>Free Papers</i> <b>Research</b> Basic Research	<i>Symposium</i> <b>Shoulder &amp; Elbow</b> Management of Massive Cuff Tear	<i>Symposium</i> <b>Hip</b> Arthroscopic Surgery of the Hip	<i>Symposium</i> <b>Knee</b> Computer-Aided Instrumentation in Orthopaedics: The Cutting-Edge Technology	<i>Short Oral Communications</i> Trauma
12:00-12:30					
12:30-14:00	<i>Break</i>	<i>Break</i>	<i>Brainlab</i> Industry <i>Symposium</i>	<i>Aesculap B Braun</i> Industry <i>Symposium</i>	<i>Break</i>
14:00-15:30	<i>Symposium</i> <b>Research</b> Projects of Subspecialty Committees	<i>Invited Lecture &amp; Free Papers</i> <b>Shoulder &amp; Elbow</b> Arthroplasty & Arthroscopy	<i>Symposium</i> <b>Hip</b> Osteonecrosis of the Hip	<i>Free Papers</i> Computer Assisted Techniques	<i>Short Oral Communications</i> Foot & Ankle I
15:30-16:00	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
16:00-16:30					
16:30-18:00	<i>Free Papers</i> <b>Research</b> Biomaterials & Scaffolds	<i>YSC</i> <i>Symposium</i> SICOT Alumni	<i>APOA</i> <i>Symposium</i> APOA meets SICOT	<i>Symposium</i> <b>Knee</b> Patient Specific Instruments & Implants	<i>Short Oral Communications</i> Foot & Ankle II
18:15-19:45					

# Thursday, 17 October

## Hall 3

08:30 - 10:00

### *Symposium – Trauma: Fractures of the Pelvis*

*Moderators:*

Peter BIBERTHALER (GERMANY), Gholam PAJENDA (AUSTRIA)

**DIAGNOSTICS AND CLASSIFICATION OF PELVIC FRACTURES**

Frankie LEUNG (HONG KONG)

**ACUTE MEASURES: SOFT TISSUE LESIONS, EX.FIX;  
ANGIOGRAPHY, PELVIC TAMPONADE**

Vilmos VECSEI (AUSTRIA)

**CONSERVATIVE TREATMENT OF PELVIC FRACTURES**

Marc HANSCHEN (GERMANY)

**OPERATIVE TREATMENT OF PELVIC FRACTURES**

Tomas BRAUNSTEINER (UNITED ARAB EMIRATES)

**FREQUENT CONCOMITANT INJURIES, VASCULAR AND NERVAL  
LESIONS**

Gholam PAJENDA (AUSTRIA)

**SPINOPELVIC FIXATION FOR SPECIAL PELVIS AND SACRUM  
FRACTURES**

Dariush SAVADKOOHI (IRAN)

10:00 - 10:30

*Break*

10:30 - 12:00

### *Symposium – Trauma: Acetabular Fractures*

*Moderators:*

Tomas BRAUNSTEINER (UNITED ARAB EMIRATES), Dariush SAVADKOOHI (IRAN)

**DIAGNOSTICS AND CLASSIFICATION OF ACETABULAR FRACTURES**

Frankie LEUNG (HONG KONG)

**SURGICAL APPROACHES TO THE ACETABULUM**

Steffen RUCHHOLTZ (GERMANY)

**OPERATIVE THERAPY: FROM THE ANTERIOR? FROM POSTERIOR?**

Tomas BRAUNSTEINER (UNITED ARAB EMIRATES)

**COMPLICATIONS OF ACETABULAR FRACTURES BY MEANS OF HIP ARTHROPLASTY**

James WADDELL (CANADA)

**COMPLEX AND COMBINED ACETABULUM AND PELVIS FRACTURE**

Dariussh SAVADKOOHI (IRAN)

12:00 - 12:30

*Plenary Lecture – José Sérgio Franco*

**PROXIMAL HUMERUS FRACTURE TREATMENT. UNSOLVED PROBLEM?**

José Sérgio FRANCO (BRAZIL)

12:30 - 14:00

*Zimmer Industry Symposium – Innovation & Technology*

14:00 - 15:30

*Free Papers – Trauma: Pelvis & Acetabulum*

*Moderator:*

Laurent SEDEL (FRANCE)

**33998 PARARECTUS APPROACH FOR THE TREATMENT OF ACETABULAR FRACTURES COMBINED WITH IPSILATERAL TYPE C PELVIC FRACTURES**

Shicai FAN (CHINA)

**34155 MINIMAL INVASIVE APPROACH FOR ANTERIOR FIXATION IN ACETABULAR FRACTURES**

Sivaprasad KALYANASUNDARAM, Ayman EL SHARAWI (OMAN)

**35360 RATIONALE AND UTILITY OF SINGLE APPROACH FOR MANAGEMENT OF COMPLEX ACETABULAR FRACTURES: OUR EXPERIENCE**

Puneet MISHRA (INDIA)

**34289 MODIFIED KOCHER-LANGENBECK APPROACH IN THE MANAGEMENT OF TRANSVERSE AND COMPLEX ACETABULAR FRACTURES**

Narender MAGU (INDIA)

**35603 ACETABULAR FRACTURES FIXATION WITH GREATER TROCHANTERIC OSTEOTOMY: OUR EXPERIENCE IN 45 PATIENTS**

Sandeep Ramesh BIRARIS, Jose Thomas PAPPANACHERRY (INDIA)

**35018 EVALUATION OF OUTCOME OF OPEN REDUCTION INTERNAL FIXATION OF ACETABULAR FRACTURES: A PROSPECTIVE CLINICAL STUDY**

Amrut BORADE, Charansingh CHOUDHARY, Rajendra VERMA  
(INDIA)

**34968 THE MANAGEMENT OF THE DISPLACED MEDIAL WALL IN  
COMPLEX ACETABULAR FRACTURES USING PLATES AND  
ADDITIONAL CERCLAGE**

Sunjung YOON, Myungsik PARK, Jonghyun KHO (SOUTH KOREA)

**34656 RESTORATION OF HIP JOINT CENTRE FOLLOWING SURGICAL  
MANAGEMENT OF ACETABULAR FRACTURES**

Hong-Fei SHI, Jin XIONG, Yi-Xin CHEN (CHINA)

**34286 SURGICAL TREATMENT OF UNSTABLE PELVIC INJURIES**

Taras PETRYK, Mykola ANKIN, Lev ANKIN (UKRAINE)

**35162 DOUBLE PLATING OF TRAUMATIC SYMPHYSIS PUBIS DIASTASIS –  
RESULTS AND COMPLICATIONS**

Kiran Kumar NAIKOTI, Axel SYLVAN, Henry WYNNJONES, Nikhil  
SHAH, Anthony CLAYSON (UNITED KINGDOM)

**34248 TRAUMATIC DISLOCATION OF HIP: A RETROSPECTIVE STUDY OF  
46 CASES**

Sandeep KASHYAP, Ramesh SEN (INDIA)

15:30 - 16:00 *Break*

16:00 - 16:30 *Plenary Lecture – Dror Paley (in Hall 1)*

**IMPLANTABLE LIMB LENGTHENING: PAST, PRESENT AND FUTURE**  
Dror PALEY (UNITED STATES)

18:15 - 19:45 **Opening Ceremony & Welcome Buffet**

# Thursday, 17 October

## Hall 1

08:30 - 10:00 *Invited Lecture & Free Papers – Hip: Miscellaneous*

*Moderators:*

László BUCSI (HUNGARY), Shekhar AGARWAL (INDIA)

*Invited Speaker* **DISLOCATION AFTER THR – WHAT TO DO & WHAT NOT TO DO**  
Shekhar AGARWAL (INDIA)

- 33791 THE USE OF A MODERN DUAL MOBILITY SYSTEM**  
Remi PHILIPPOT, Frederic FARIZON, Bertrand BOYER (FRANCE)
- 33822 THE RISK OF DISLOCATION AFTER TOTAL HIP ARTHROPLASTY FOR FRACTURES IS DECREASED WITH RETENTIVE CUPS**  
Philippe HERNIGOU, Alexandre POIGNARD, Charles Henri FLOUZAT LACHANIETTE (FRANCE)
- 33819 IMPACTION BONE GRAFTING FOR ACETABULAR RECONSTRUCTION IN HIP REVISION SURGERY – LONG-TERM RESULTS**  
László BUCSI, Ferenc DOBOS, Szabolcs HORVÁTH (HUNGARY)
- 34506 HIP RESURFACING VERSUS 28MM METAL-ON-METAL TOTAL HIP ARTHROPLASTY: RANDOMISED TRIAL AT 6 TO 9 YEARS' FOLLOW-UP**  
Charles RIVIÈRE, Martin LAVIGNE, Alain ROY, Michel RAHMÉ, Pascal André VENDITTOLI (CANADA)
- 34520 TOTAL HIP ARTHROPLASTY WITH SHORTENING SUBTROCHANTERIC OSTEOTOMY FOR CONGENITAL DISLOCATED HIP**  
Tao LIU, Huilin YANG (CHINA)
- 35225 SINGLE MAN TECHNIQUE: A NEW TECHNIQUE OF REDUCTION OF PROSTHESIS IN HEMIREPLACEMENT ARTHROPLASTY OF HIP**  
S.K. VENKATESH GUPTA (INDIA)
- 35665 INFECTION RATES IN REVISION HIP SURGERY: DOES THE USE OF ALLOGRAFTS MAKE A DIFFERENCE? AN ANALYSIS OF 2776 PROCEDURES**  
Amit SHAH, Daniel COHEN, Hajime NAGAI, Peter KAY, B.M. WROBLEWSKI (UNITED KINGDOM)

**34331 THIGH PAIN IN METAPHYSEAL PRESS-FIT CEMENTLESS HYDROXYAPATITE-COATED THA STEMS AFTER 20 YEARS**  
Jens BOLDT (SWITZERLAND)

10:00 - 10:30 *Break*

10:30 - 12:00 *Free Papers – Hip: Total Hip Arthroplasty - Femoral Implant*

*Moderators:*

Vane ANTOLIC (SLOVENIA), André FERREIRA (FRANCE)

**35932 OUTCOME OF AN EXTENSIVELY HA-COATED STEM AT 21-YEAR FOLLOW-UP – A PROSPECTIVE STUDY OF 347 CASES**  
Laurent JACQUOT<sup>1</sup>, Jens BOLDT<sup>2</sup>, Jean Charles ROLLIER<sup>1</sup>  
<sup>1</sup>(FRANCE), <sup>2</sup>(SWITZERLAND)

**35675 BONE REMODELLING PATTERN AROUND DCPD(DICALCIUM PHOSPHATE DIHYDRATE)-COATED METAPHYSEAL-LOADING CEMENTLESS SHORT STEMS IN ELDERLY PATIENTS**  
Anshul SOBTI, Jae-Hyuk YANG, Amit MISHRA, Kwang-Jun OH  
(SOUTH KOREA)

**34223 CEMENTLESS TOTAL HIP ARTHROPLASTY: A BILAYER COATING TO SECURE TERTIARY STABILIZATION**  
André FERREIRA, Thierry ASLANIAN (FRANCE)

**34128 HAWKINS SIGN IN UNCEMENTED THR?**  
Vaibhav BAGARIA (INDIA)

**34130 THE MODULAR MP STEM IN HIP REVISION**  
Francesco BIGGI, Corrado D'ANTIMO, Stefano DI FABIO, Silvia TREVISANI (ITALY)

**35213 CLINICAL FOLLOW-UP OF 109 PRIMARY UNCEMENTED TOTAL HIP ARTHROPLASTIES: MODULAR VERSUS NON-MODULAR FEMORAL STEMS**  
Vane ANTOLIC, Matej KERSIC, Drago DOLINAR, Blaz MAVCIC  
(SLOVENIA)

**35751 REDUCED POSTOPERATIVE HIP OFFSET MAY INCREASE WEAR IN METAL-ON-METAL HIP ARTHROPLASTY**  
Krishna BODDU, Martin SIEBACHMEYER, Sandesh LAKKOL, Aranghan LINGHAM, Mohammed AL-KOOHEJI, Venu KAVARTHAPU, Patrick LI (UNITED KINGDOM)

**35641 MARS MRI SCANNING FOR METAL-ON-METAL HIP ARTHROPLASTY**  
Samer S.S. MAHMOUD, Rhodri GWYN, Kathleen LYONS, Alun JOHN, Stephen JONES (UNITED KINGDOM)

**34539 RESULTS AFTER STEM RETENTION IN METAL-ON-METAL HIP REVISIONS**  
Raghu RAMAN, Geoffrey JOHNSON, Shiva GOPAL, Christopher SHAW (UNITED KINGDOM)

**35280 THE MORPHOLOGY OF PROXIMAL FEMORAL MEDULLARY CANAL: 3D COMPUTER TOMOGRAPHY MEASUREMENTS OF SOUTHERN CHINESE**  
Weinan ZENG, Zongke ZHOU, Bin SHEN, Jing YANG, Pengde KANG, Fuxing PEI (CHINA)

12:00 - 12:30 *Plenary Lecture – José Sérgio Franco (in Hall 3)*

**PROXIMAL HUMERUS FRACTURE TREATMENT. UNSOLVED PROBLEM?**

José Sérgio FRANCO (BRAZIL)

12:30 - 14:00 *Break*

14:00 - 15:30 *Invited Lecture & Free Papers – Hip: Total Hip Arthroplasty - Dysplasia & Acetabular Defect*

*Moderator:*

Ramesh SEN (INDIA)

*Invited Speaker* **HIP ARTHROPLASTY IN HIP DYSPLASIA**  
Tomas TRC (CZECH REPUBLIC)

**35406 BULK FEMORAL-HEAD AUTOGRAFTING IN UNCEMENTED TOTAL HIP ARTHROPLASTY FOR DEVELOPMENTAL DYSPLASIA OF THE HIP**  
Huiming PENG, Jiliang ZHAI, Xisheng WENG, Jin LIN, Jin JIN, Wenwei QIAN (CHINA)

**34762 TRANSVERSE SUBTROCHANTERIC SHORTENING OSTEOTOMY IN CEMENTLESS TOTAL HIP ARTHROPLASTY FOR CROWE IV HIP DYSPLASIA**  
Myungsik PARK, Jonghyun KHO, Hongman CHO, Sunjung YOON (SOUTH KOREA)

**33706 TOTAL HIP ARTHROPLASTY IN PATIENTS WITH ACETABULAR FRACTURES**  
Mohamed ABO ELSOUD, Fouad ZAMEL, Yasser FARID (EGYPT)

**35341 TRABECULAR METAL RECONSTRUCTION OF SEVERE ACETABULAR DEFECTS**  
Arash AFRAMIAN, Vasileios GOULIDAKIS, Shubhra SINHA, Richard SLACK (UNITED KINGDOM)



- 34417 TOTAL HIP REPLACEMENT AFTER ACETABULAR FRACTURES CONCERNING BONY DEFECTS**  
Ahmed ABDELAZEEM, Hazem ABDELAZEEM (EGYPT)
- 33790 STUDY OF ACETABULAR RECONSTRUCTION WITH ANTI-PROTRUSIO CAGE AND DUAL MOBILITY SOCKET**  
Remi PHILIPPOT, Bertrand BOYER, Loic SCHNEIDER, Frederic FARIZON (FRANCE)
- 35460 TITANIUM JUMBO CUPS IN REVISION TOTAL HIP ARTHROPLASTY WITH MAJOR ACETABULAR DEFECTS: A NEW LOOK**  
Chitranjan RANAWAT (UNITED STATES)
- 35940 THE LOG SPLITTER FRACTURE: MEDICO-LEGAL IMPLICATIONS OF PERIPROSTHETIC FRACTURES OF THE PROXIMAL FEMUR POST THR**  
Manoj PUTHIYA VEETIL, Douglas DUNLOP (UNITED KINGDOM)

15:30 - 16:00 *Break*

16:00 - 16:30 *Plenary Lecture – Dror Paley*

**IMPLANTABLE LIMB LENGTHENING: PAST, PRESENT AND FUTURE**  
Dror PALEY (UNITED STATES)

16:30 - 18:00 *Invited Lecture & Free Papers – Hip: Total Hip Arthroplasty - Cup Position Follow-Up & Infection*

*Moderators:*  
Pradeep BHOSALE (INDIA), Chitranjan RANAWAT (UNITED STATES)

*Invited Speaker* **THA FOR BONY ANKYLOSIS**  
Pradeep BHOSALE (INDIA)

**35455 A NOVEL METHOD FOR ACCURATE AND REPRODUCIBLE FUNCTIONAL CUP POSITIONING IN TOTAL HIP REPLACEMENT**  
Chitranjan RANAWAT (UNITED STATES)

**34334 THE DIFFERENCE OF OPERATIVE VERSUS RADIOGRAPHIC ALIGNMENT – SATISFACTORY ACETABULAR CUP INCLINATION ACHIEVED BY A SIMPLE ROD ATTACHED TO A PINNACLE CUP IMPACTOR TOOL**  
Jens BOLDT (SWITZERLAND)

**34916 FIFTEEN YEARS' FOLLOW-UP STUDY OF CEMENTED TOTAL HIP ARTHROPLASTY**  
Siwach RAM CHANDER, Rakesh GOEL (INDIA)

- 34766 THE CLINICAL RESULTS OF PRIMARY AND REVISION HIP ARTHROPLASTY IN PATIENTS OVER 90 YEARS OF AGE**  
Amit SHAH, Daniel COHEN, Videsh RAUT (UNITED KINGDOM)
- 33804 CEMENTED VERSUS UNCEMENTED FIXATION IN TOTAL HIP REPLACEMENT: A SYSTEMATIC REVIEW & META-ANALYSIS**  
Ali ABDULKARIM, P. ELLANTI, N. MOTTERLINI, T. FAHEY, J.M. O'BYRNE (IRELAND)
- 34514 MID-TERM RESULTS OF THE PROXIMA HIP**  
Nicola SANTORI, Domenico POTESIO, Antonio BERTINO, Francesco Saverio SANTORI (ITALY)
- 34360 ANTIBIOTIC-LOADED CEMENT BEADS WITH RETENTION OF THE PROSTHESIS FOR THE TREATMENT OF INFECTED REVISION TOTAL HIP ARTHROPLASTY**  
Jun-Dong CHANG, Je-Hyun YOO, Atul BHARDWAJ, Tae-Young KIM, Myeong-Jae SEO (SOUTH KOREA)
- 34925 EVALUATION AND MANAGEMENT OF PERIPROSTHETIC HIP INFECTION – WHERE DO WE STAND?**  
Saseendar SHANMUGASUNDARAM (INDIA)

# Thursday, 17 October

## Hall 2

08:30 - 10:00 *Symposium – Paediatrics: Hip - How I Treat*

*Moderator:*

Eiffel DOBASHI (BRAZIL)

**DEVELOPMENTAL DYSPLASIA OF THE HIP, EARLY TREATMENT**

Marek SYNDER (POLAND)

**DEVELOPMENTAL DYSPLASIA OF THE HIP, LATE TREATMENT**

Ken KUO (TAIWAN)

**LEGG-PERTHES DISEASE**

George THOMPSON (UNITED STATES)

**SCFE**

Hae-Ryong SONG (SOUTH KOREA)

**FRACTURES**

David ARONSSON (UNITED STATES)

10:00 - 10:30 *Break*

10:30 - 12:00 *Invited Lecture & Free Papers – Paediatrics: Growth Modulation & Upper Limb*

*Moderators:*

Clóris KESSLER (BRAZIL), Dror PALEY (UNITED STATES)

*Invited Speaker*

**A NEW ALGORITHM FOR PERTHES DISEASE**

Dror PALEY, Matthew HARRIS, Daniel PRINCE (UNITED STATES)

**34620 RESULTS OF 8-PLATE EPIPHYSIODESIS FOR LEG LENGTH DISCREPANCY (LLD)**

Rohit MAHESHWARI, Santosh BALIGA, Simon BARKER, Kirsten ELLIOTT, Tim DOUGALL (UNITED KINGDOM)

**33580 LATE SEQUELAE OF SEPTIC KNEE, ITS MANAGEMENT AND ROLE OF GROWTH MODULATION**

Saktiprasad DAS, Ganesh SANKAR, Ramnarayan MOHANTY (INDIA)

**34408 8-PLATE FOR THE CORRECTION OF ANGULAR DEFORMITY OF THE KNEE: DOES THE SDA CORRELATE WITH OTHER**

### **RADIOGRAPHIC DETERMINANTS?**

Ratna JOHARI, Ashok JOHARI, Rishabh SETHI, Shalin MAHESHWARI (INDIA)

### **33840 TREATMENT OF A KNEE JOINT VARUS DEFORMITY IN CHILDREN BY GUIDED GROWTH**

Sergei SERDJUCHENKO, Aleh SAKALOUSKI, Andrei DZEMIANTSOU, Issam HAMMOUD (BELARUS)

### **35868 ADULT PROXIMAL HUMERAL LOCKING PLATE FOR FIXATION OF PAEDIATRIC SUBTROCHANTERIC FEMORAL FRACTURES**

Mukul MOHINDRA, Dhananjay SABAT (INDIA)

### **34985 MANAGEMENT OF SPRENGEL SHOULDER DEFORMITY BY MODIFIED WOODWARD'S PROCEDURE**

Bhaskara Kanakeshwar RAJA, Sandeep PATWARDHAN (INDIA)

### **35108 A NEW RADIOLOGICAL SIGN FOR SEPARATIONS OF THE ENTIRE DISTAL HUMERAL PHYSIS – THE 'HURCO' SIGN**

Siddhartha SHARMA<sup>1</sup>, Yuki HARADA<sup>2</sup>, Sarthak SHARMA<sup>1</sup>, Hiroyuki KATAOKA<sup>2</sup>, Yoshihide TOMODA<sup>2</sup>, Mohammad Farooq BUTT<sup>1</sup>  
<sup>1</sup>(INDIA), <sup>2</sup>(JAPAN)

### **35031 FUNCTIONAL OUTCOME AFTER CENTRALISATION OF ULNA IN CHILDREN WITH RADIAL CLUB HAND**

Shashikanth Shankaranarayana VOKKALERI, Sudesh PEBAM, Sandeep PATEL (INDIA)

12:00 - 12:30

*Plenary Lecture – José Sérgio Franco (in Hall 3)*

### **PROXIMAL HUMERUS FRACTURE TREATMENT. UNSOLVED PROBLEM?**

José Sérgio FRANCO (BRAZIL)

12:30 - 14:00

*Smith & Nephew Industry Symposium – Knee*

14:00 - 15:30

*Free Papers – Paediatrics: Hip & Knee*

*Moderators:*

Eiffel DOBASHI (BRAZIL), Mikhail GERASIMENKO (BELARUS)

### **35766 EVALUATION OF BLOOD FLOW BY POWER DOPPLER ULTRASONOGRAPHY OF NORMAL HIPS IN NEONATES**

Rujuta MEHTA, Chasanal RATHOD, Alka KARNIK, Dominic D'SILVA, Alaric AROOJIS (INDIA)

- 35555 UNIQUE V-SHAPED WEDGELESS OSTEOTOMY**  
Gaurav KAMRA, Vikas GUPTA (INDIA)
- 34624 HIP JOINT THREE-DIMENSIONAL RECONSTRUCTION IN SEVERE CASES OF PERTHES DISEASE AFTER TRIPLE PELVIC OSTEOTOMY**  
Alexander BELETSKY, Andrei DZEMIANTSOU, Oleg SAKALOUSKI, Sergei SERDJUCHENKO, Roman GOLDMAN (BELARUS)
- 35520 PERCUTANEOUS FIXATION OF SUBTROCHANTERIC FEMORAL FRACTURES IN CHILDREN**  
Sherif GALAL (EGYPT)
- 35238 COMPARATIVE STUDY OF DOUBLE C AND CS CONSTRUCT WITH ENDERS NAIL IN DIAPHYSEAL FRACTURES OF LONG BONES IN PAEDIATRIC AGE GROUP**  
S.K. VENKATESH GUPTA (INDIA)
- 34774 FEMOROACETABULAR IMPINGEMENT PREVENTION AFTER REDIRECTIONAL PELVIC OSTEOTOMY IN CHILDREN AND ADOLESCENTS WITH HIP INCONGRUENCY**  
Victor FILIPCHUK, Victor TORCHINSKY, Yevhen HOLIUK (UKRAINE)
- 35059 EVALUATION OF FEMORAL SHORTENING OSTEOTOMY IN CONGENITAL DISLOCATION OF KNEE: OUR MID-TERM RESULTS**  
Sumit ANAND, Alok SUD, Anil MEHTANI, Nishikant KUMAR (INDIA)
- 34412 TREATMENT OF KNEE FLEXION CONTRACTURES IN PATIENTS WITH ARTHROGRYPOSIS**  
Denis DEREVIANKO, Ekaterina PETROVA, Dmitry BUCLAEV (RUSSIA)
- 34892 OSTEOARTICULAR TUBERCULOSIS OF PAEDIATRIC HIP**  
Anil AGARWAL (INDIA)

15:30 - 16:00 *Break*

16:00 - 16:30 *Plenary Lecture – Dror Paley (in Hall 1)*

**IMPLANTABLE LIMB LENGTHENING: PAST, PRESENT AND FUTURE**  
Dror PALEY (UNITED STATES)

16:30 - 18:00 *Symposium –Paediatrics: Update - Infections in Children*

*Moderator:*  
Clóris KESSLER (BRAZIL)

**TRANSIENT SYNOVITIS**  
Hui Wan PARK (SOUTH KOREA)

**ACUTE OSTEOMYELITIS**

Muharrem INAN (TURKEY)

**JOINT INFECTIONS**

Jose Batista VOLPON (BRAZIL)

**SPINE INFECTIONS**

Patricia FUCS (BRAZIL)

**SEQUELAE**

Gamal HOSNY (EGYPT)

# Thursday, 17 October

## Hall 5

08:30 - 10:00

### *Instructional Course – Sports Medicine: Wireless Video Arthroscopy with Hands-On Laboratory*

*Moderators:*

Pedro GUILLEN (SPAIN), Rene VERDONK (BELGIUM)

#### **WIRELESS VIDEO ARTHROSCOPY I**

Pedro GUILLEN (SPAIN)

#### **WIRELESS VIDEO ARTHROSCOPY II**

Juan SANZ (SPAIN)

#### **WIRELESS VIDEO ARTHROSCOPY III**

Stephen ABELOW (UNITED STATES)

#### **HANDS-ON LABORATORY**

10:00 - 10:30

*Break*

10:30 - 12:00

### *ASAMI Symposium – Neglected Fractures*

*Moderator:*

Gamal HOSNY (EGYPT)

#### **DELAYED & NON-UNION AFTER INTERNAL FIXATION**

Essam AL SHERIF (EGYPT)

#### **TREATMENT OF NEGLECTED FRACTURE AND MALUNION WITH EXTERNAL FIXATOR**

Hae-Ryong SONG (SOUTH KOREA)

#### **NEGLECTED FRACTURE OF TIBIA**

Hariram R. JHUNJHUNWALA (INDIA)

#### **MANAGEMENT OF NEGLECTED FRACTURES**

Gamal HOSNY (EGYPT)

#### **HOW MUCH CAN A NEGLECTED FRACTURE REMODEL?**

Reggie HAMDY (CANADA)

#### **CONSEQUENCES OF NEGLECTED FRACTURES OF TIBIA**

Hemant SHARMA (UNITED KINGDOM)

## NEGLECTED FRACTURE DISLOCATION

Sanjeev MADAN (UNITED KINGDOM)

12:00 - 12:30 *Plenary Lecture – José Sérgio Franco (in Hall 3)*

## PROXIMAL HUMERUS FRACTURE TREATMENT. UNSOLVED PROBLEM?

José Sérgio FRANCO (BRAZIL)

12:30 - 14:00 *Break*

14:00 - 15:30 *Free Papers – Knee: Osteotomy & Cartilage Defects*

*Moderators:*

Hariram JHUNJHUNWALA (INDIA), Mohamed RASHED (LIBYA)

**33532 RETROSPECTIVE ANALYSIS AND RESULTS AFTER OPEN WEDGE HIGH TIBIAL OSTEOTOMY FOR MEDIAL OSTEOARTHRITIS OF THE KNEE**

Serban DRAGOSLOVEANU, Stefan CRISTEA (ROMANIA)

**34952 STUDY OF HIGH TIBIAL OSTEOTOMY IN UNICOMPARTMENTAL OSTEOARTHRITIS OF KNEE USING RIGID STEPPED PLATE**

Sushrut RAJAN, Pradeep BARUAH, T.D. BHATTACHARYYA (INDIA)

**34675 HIGH TIBIAL OSTEOTOMY**

Hariram JHUNJHUNWALA (INDIA)

**34032 HIGH TIBIAL OSTEOTOMY: A SIMPLE AND RELIABLE PROCEDURE REVIEW OF KHADRA HOSPITAL, TRIPOLI, LIBYA**

Mohamed RASHED (LIBYA)

**33566 UNICOMPARTMENTAL OSTEOARTHRITIS OF THE KNEE: LONG-TERM RESULTS OF HIGH TIBIAL OSTEOTOMY USING FIXATOR-CUM-DISTRACTOR**

Reetadyuti MUKHOPADHYAY, Zile Singh KUNDU, Paritosh GOGNA (INDIA)

**33558 ARTHROSCOPY, A COMPLEMENTARY INTERVENTION FOR OPEN WEDGE HIGH TIBIAL OSTEOTOMY**

Serban DRAGOSLOVEANU, Stefan CRISTEA, Calin DRAGOSLOVEANU (ROMANIA)

**34499 TREATMENT OF ACUTE FULL-THICKNESS CHONDRAL DEFECTS WITH HIGH MOLECULAR WEIGHT HYALURONIC ACID: AN EXPERIMENTAL MODEL**

David FIGUEROA, Rafael CALVO, Maximiliano ESPINOSA,



Maximiliano SCHEU, Juan José VALDERRAMA, Marcela GALLEGOS,  
Paulette CONGET (CHILE)

**34970 TWO-YEAR RESULTS OF ARTHROSCOPIC TREATMENT FOR  
CARTILAGE DEFECTS IN THE KNEE USING MICROFRACTURE AND  
APPLICATION OF CONCENTRATED BONE MARROW ASPIRATE  
CELLS WITH FIBRIN GEL AS A SINGLE-STAGE PROCEDURE**

Vishvas SHETTY<sup>1</sup>, Asode Ananthram SHETTY<sup>1</sup>, Seok-Jung KIM<sup>2</sup>,  
Praveen BILAGI<sup>1</sup>  
<sup>1</sup>(UNITED KINGDOM), <sup>2</sup>(SOUTH KOREA)

**35310 ASSESSMENT OF DIAGNOSTIC POTENTIALS OF CARTILAGE  
OLIGOMERIC MATRIX PROTEIN (COMP) AND HYALURONIC ACID  
(HA) IN KNEE OSTEOARTHRITIS**

Utkarsh SHAHI, Neha Tiwari SHAHI, Sudhir SINGH, Jayant BAJPAYI,  
Aashish GUPTA, Dharmendra KUMAR, Nishant RAJ (INDIA)

**34260 KNEE LAXITY AFTER STAIRCASE EXERCISE PREDICTS  
RADIOGRAPHIC DISEASE PROGRESSION IN MEDIAL  
COMPARTMENT KNEE OSTEOARTHRITIS: AN EIGHT-YEAR  
PROSPECTIVE OBSERVATION**

Tsuyoshi MIYAZAKI, Kenzo UCHIDA, Yasuo KOKUBO, Shuji  
WATANABE, Takumi SAKAMOTO, Atsushi YAMAGISHI, Takafumi  
YAYAMA, Hisatoshi BABA (JAPAN)

15:30 - 16:00 *Break*

16:00 - 16:30 *Plenary Lecture – Dror Paley (in Hall 1)*

**IMPLANTABLE LIMB LENGTHENING: PAST, PRESENT AND FUTURE**  
Dror PALEY (UNITED STATES)

16:30 - 18:00 *Symposium – Knee: Young Arthritic Knee Below 40*

*Moderators:*

Kandiah RAVEENDRAN (MALAYSIA), Vijay SHETTY (INDIA)

**WHY OSTEOARTHRITIS IN THE YOUNG?**

Vijay SHETTY (INDIA)

**ARTHROSCOPY AND MICROFRACTURE – DOES IT REALLY WORK?**

Kandiah RAVEENDRAN (MALAYSIA)

**AUTOLOGOUS CHONDROCYTE IMPLANTATION – CURRENT  
STATUS**

Deepak GOYAL (INDIA)

**PRP AND STEM CELLS IN THE TREATMENT OF OSTEOARTHRITIS  
IN THE YOUNG KNEE**

Rakesh SHARMA (INDIA)

**DISTAL FEMORAL OSTEOTOMY AND HIGH TIBIAL OSTEOTOMY**

Thami BENZAKOUR (MOROCCO)

**PARTIAL KNEE ARTHROPLASTY – PATELLOFEMORAL AND  
UNICONDYLAR**

Vikas KHANDUJA (UNITED KINGDOM)

# Thursday, 17 October

## Hall 6

08:30 - 10:00 *Instructional Course – Spine: Spinal Imaging*

*Moderator:*

Cody BÜNGER (DENMARK)

### **PLAIN RADIOGRAPHY IN SPINAL TRAUMA**

Ajoy P. SHETTY (INDIA)

### **CT & MRI IN TRAUMA – WHEN & WHY?**

Cagatay OZTURK (TURKEY)

### **HOW TO READ A SPINE MRI**

H. ANUPAMA (INDIA)

### **IMAGING OF LUMBAR CANAL STENOSIS**

Keith LUK (HONG KONG)

### **POST-OP IMAGING – WHAT TO LOOK FOR?**

Kamil Cagri KOSE (TURKEY)

### **FUTURE IMAGING TECHNIQUES – DTI, SPECTROSCOPY, FMRI, ETC.**

S. RAJASEKARAN (INDIA)

10:00 - 10:30 *Break*

10:30 - 12:00 *Symposium – Spine: Controversies in Spinal Surgery - What Is In & What Is Out?*

*Moderator:*

S. RAJASEKARAN (INDIA)

### **STEROIDS FOR CERVICAL SPINAL CORD INJURY – USEFUL OR HARMFUL?**

S. RAJASEKARAN (INDIA)

### **IDIOPATHIC LUMBAR SCOLIOSIS – ANTERIOR VS POSTERIOR?**

George THOMPSON (UNITED STATES)

### **GRADE I DEGENERATIVE LISTHESIS – FUSE OR NOT TO FUSE?**

Keith LUK (HONG KONG)

**THORACOLUMBAR BURST FRACTURE – ANTERIOR VS. POSTERIOR?**

Kamil Cagri KOSE (TURKEY)

**CLASSIFICATIONS IN ADOLESCENT IDIOPATHIC SCOLIOSIS – USEFUL OR COMPLICATED?**

George THOMPSON (UNITED STATES)

**MINIMALLY INVASIVE SPINE SURGERY – FASHION OR FACT?**

Ajoy P. SHETTY (INDIA)

12:00 - 12:30

*Plenary Lecture – José Sérgio Franco (in Hall 3)*

**PROXIMAL HUMERUS FRACTURE TREATMENT. UNSOLVED PROBLEM?**

José Sérgio FRANCO (BRAZIL)

12:30 - 14:00

*DePuy Synthes Industry Symposium – Trauma*

14:00 - 15:30

*Free Papers – Spine: Cervical Spine*

*Moderator:*

Uvaraj NALLI (INDIA)

**35496 CT-BASED EVALUATION OF ODONTOID MORPHOLOGY IN INDIAN POPULATION: IMPLICATIONS ON INTERNAL FIXATION OF TYPE II ODONTOID FRACTURES**

Abhilash DHRUV, Arvind KULKARNI, Siddharth SHAH, Ruchira MARWAH, Prasad HANGANDI, Inder TALWAR (INDIA)

**35231 THE FEASIBILITY OF ANTERIOR INSTRUMENTATION IN FIXED ATLANTOAXIAL DISLOCATION**

Mansoor Ali JALEEL, Sandeep SONONE (INDIA)

**34283 MORPHOMETRIC ANALYSIS OF THE LATERAL MASSES OF THE SUBAXIAL CERVICAL SPINE IN THE INDIAN POPULATION AND ITS CORRELATION WITH LATERAL MASS SCREW PLACEMENT**

Uvaraj NALLI, Aju BOSCO (INDIA)

**34633 A NOVEL METHOD OF CERVICAL PEDICLE SCREW PLACEMENT FROM C3 TO C5 AND ITS CLINICAL APPLICATIONS**

Qingsan ZHU, Jingchen LIU, Ye LI (CHINA)

**35558 ANTERIOR FUSION WITH TITANIUM CAGES – ALLOGRAFT GIVES SATISFACTORY CLINICAL AND RADIOLOGICAL RESULTS IN CERVICAL DEGENERATIVE DISC DISEASE**

Kamil Cagri KOSE, Mustafa Erkan INANMAZ, Hakan BASAR, Emre BAL, Islam CALISKAN (TURKEY)

**35783 THE ROLE OF CERVICAL DISC REPLACEMENT IN MANAGEMENT OF PATIENTS WITH CERVICAL SPONDYLOTIC MYELOPATHY? – RESULTS OF SYSTEMATIC REVIEW**

Sandeshkumar LAKKOL, Krishna BODDU, Guru REDDY, Bhatia CHANDRA, Tai FRIESEM (UNITED KINGDOM)

**34804 OUTCOMES OF THREE- AND FOUR-LEVEL CERVICAL DISC ARTHROPLASTY: 18 MONTHS' AVERAGE FOLLOW-UP**

Andrew BERG, Balaji PURUSHOTHAMAN, Cyrus JENSEN, Guru REDDY, Tai FRIESEM (UNITED KINGDOM)

**34911 PROSPECTIVE EVALUATION OF FUNCTIONAL AND RADIOLOGICAL OUTCOME OF SURGICAL DECOMPRESSION OF ENDEMIC SKELETAL FLUOROSIS WITH CERVICAL MYELOPATHY**  
J. NARESH-BABU, C.H. SURESH, V.V. NARAYANA RAO (INDIA)

**34095 THE USE OF ANTERIOR CERVICAL DISCOTOMY AND FUSION WITH SELF-LOCKING CAGES TO TREAT MULTI-SEGMENTAL CERVICAL MYELOPATHY**

Dadi JIN, Qingchu LI, Zhongmin ZHANG, Huibo YAN (CHINA)

**33848 ASSESSING QUICKNESS OF UPPER LIMB AND HAND FUNCTION FOR PATIENTS WITH CERVICAL SPINAL CORD INJURY WITHOUT BONE INJURY USING SIMPLE TEST FOR EVALUATING HAND FUNCTION**

Hiroaki SAMEDA, Jun SHINBO, Sumio IKENOUE, Kan TAKASE, Eiko HASHIMOTO, Takahiro ENOMOTO, Aya KANAZUKA, Masaya MIMURA (JAPAN)

15:30 - 16:00 *Break*

16:00 - 16:30 *Plenary Lecture – Dror Paley (in Hall 1)*

**IMPLANTABLE LIMB LENGTHENING: PAST, PRESENT AND FUTURE**  
Dror PALEY (UNITED STATES)

16:30 - 18:00 *Free Papers – Spine: Deformities*

*Moderators:*

George THOMPSON (UNITED STATES), Bin YU (CHINA)

**35946 SUCCESS OF RISSER CASTING IN THE TREATMENT OF SCHEUERMANN'S KYPHOSIS**

George THOMPSON, Christina HARDESTY, Connie POE-KOCHERT,

Raj GALA (UNITED STATES)

- 33989 EFFECT OF PRE-OPERATIVE BRACE TREATMENT ON THE MENTAL HEALTH SCORES OF SRS-22 AND SF-36 QUESTIONNAIRE IN ADOLESCENT IDIOPATHIC SCOLIOSIS PATIENTS**  
Bin YU, Yipeng WANG, Guixing QIU (CHINA)
- 35883 SURGICAL TREATMENT OF SEVERE INFANTILE SCOLIOSIS (>100°) – RETROSPECTIVE STUDY**  
Raquel CARVALHO, Joaquim BRITO, António TIRADO, Pedro FERNANDES (PORTUGAL)
- 35920 COMPARISON OF DISTRACTIVE VERSUS SEGMENTAL CORRECTIVE METHODS IN SURGICAL TREATMENT OF JUVENILE SCOLIOTIC DEFORMITIES**  
Martin REPKO, Milan FILIPOVIC (CZECH REPUBLIC)
- 35012 COMPARING THE RADIOGRAPHIC OUTCOMES OF TWO DEROTATION METHODS IN SURGICAL TREATMENT OF ADOLESCENT IDIOPATHIC SCOLIOSIS (AIS): CDH LEGACY VERTEBRAL COLUMN MANIPULATION (VCM) VERSUS UNIVERSAL SPINE SYSTEM-II (USS-II)**  
Huiming PENG, Jianxiong SHEN, Gui-Xing QIU (CHINA)
- 34695 RADIOLOGICAL ANALYSIS OF PEDICLE SUBTRACTION OSTEOTOMIES IN CHILDREN: WHERE DOES THE CORRECTION OCCUR?**  
J. NARESH-BABU, C.H. SURESH, G. NEELIMA, V.V. NARAYANA RAO (INDIA)
- 34297 CLINICAL AND FUNCTIONAL OUTCOME AFTER DIRECT VERTEBRAL ROTATION IN IDIOPATHIC THORACOLUMBAR SCOLIOSIS**  
Hrutvij BHATT, Ketan KHURJEKAR, Shailesh HADGAONKAR, Rajiv GOYAL, Parag SANCHETI (INDIA)
- 35221 ANTIMICROBIAL PROPHYLAXIS TO PREVENT SURGICAL SITE INFECTION IN ADOLESCENT IDIOPATHIC SCOLIOSIS (AIS) PATIENTS UNDERGOING POSTERIOR SPINAL FUSION (PSF) – 2 DOSES VS. ANTIBIOTICS TILL DRAIN REMOVAL**  
Vijay KAMATH, Jason PUI YIN CHEUNG, Kin Cheung MAK, Keith LUK, Kenneth MAN CHEE CHEUNG (HONG KONG)
- 34660 HOW WELL DO RADIOLOGICAL ASSESSMENTS OF TRUNCAL AND SHOULDER BALANCE CORRELATE WITH COSMETIC ASSESSMENT INDICES IN LENKE 1C ADOLESCENT IDIOPATHIC SCOLIOSIS?**  
Shallu SHARMA, Cody BÜNGER, Thomas ANDERSEN, Ebbe

STENDER HANSEN (DENMARK)

**34994 USE OF BIPOLAR SEALER DEVICE REDUCES BLOOD LOSS AND  
TRANSFUSIONS IN POSTERIOR SPINAL FUSION FOR  
NEUROMUSCULAR SCOLIOSIS**

George THOMPSON, Christina HARDESTY, Zachary GORDON,  
Connie POE-KOCHERT, Jochen SON-HING (UNITED STATES)

# Thursday, 17 October

## MR G.01 & MR G.02

08:30 - 10:00

### *Instructional Course – Research: Breakthrough Tools in Tissue Engineering*

*Moderator:*

Cody BÜNGER (DENMARK)

**REVIEW OF CLINICAL DEMANDS: BONE AND JOINT RECONSTRUCTION, OSTEOCHONDRAL, AGED BONE, TUMOUR, VASCULAR, NERVE**

Cody BÜNGER (DENMARK)

**ROLE OF STEM CELLS (IPS), (DPSC), BMSC IN 3D RECONSTRUCTIONS**

Helle LYSDAHL (DENMARK)

**MULTIFUNCTIONAL 3D SCAFFOLD ENGINEERING**

Dang LEE (DENMARK)

**NANOPARTICLE DRUG DELIVERY AND BIOFUNCTIONALISATION BY MIRNA, SIRNA**

Jorgen KJEMS (DENMARK)

10:00 - 10:30

*Break*

10:30 - 12:00

### *Free Papers – Research: Basic Research*

*Moderator:*

Sudhir KUMAR (INDIA)

**35263 ENHANCEMENT OF OSTEOGENESIS BY AUTOLOGOUS PLATELET RICH PLASMA IN DELAYED AND NON-UNIONS OF LONG BONES**  
Sudhir KUMAR, Ashish TOMAR, Anil ARORA, Bharat SINGH (INDIA)

**35245 THE EFFECT OF THE PLATELET RICH FIBRIN MATRIX ON THE BONE AND TENDON INTEGRATION**  
Mahmut Nedim AYTEKIN, Ismail AGIR, Fatih KÜÇÜKDURMAZ, Onur BASCI, Baris KOCAOGLU, Hayati AYGUN (TURKEY)

**34299 TREATMENT WITH PLATELET RICH PLASMA IS MORE EFFECTIVE THAN PLACEBO FOR KNEE OSTEOARTHRITIS IN A PROSPECTIVE, DOUBLE-BLIND, RANDOMIZED TRIAL**  
Sandeep PATEL, Mandeep DHILLON (INDIA)



- 34748 ERYTHROPOIETIN SIGNALING PATHWAYS IN MESENCHYMAL STEM CELLS**  
Cody BÜNGER, Jan ROELFING, Anette BAATRUP, Jonas JENSEN, Helle LYSDAHL (DENMARK)
- 34677 COMPARATIVE EVALUATION OF SYNOVIUM- AND BONE MARROW-DERIVED MESENCHYMAL STEM CELLS FROM PATIENTS WITH RHEUMATOID ARTHRITIS AND OSTEOARTHRITIS**  
Li JIANG<sup>1</sup>, Anlun MA<sup>2</sup>, Huifang CHEN<sup>2</sup>, Yonglin YU<sup>1</sup>, Jie CHEN<sup>1</sup>, Jianyuan JIANG<sup>1</sup>  
<sup>1</sup>(CHINA), <sup>2</sup>(CANADA)
- 35086 IMMUNOSTIMULATORY EFFECT OF POLYCAPROLACTONE**  
Halldór Bjarki EINARSSON, Anders Frisk MORTENSEN, Babak JALILIAN, Soeren Roesgaard NIELSEN, Menglin CHEN, David C. KRAFT, Helle LYSDAHL, Jens Vinge NYGAARD, Morten Schallburg NIELSEN, Cody BÜNGER, Thomas VORUP-JENSEN (DENMARK)
- 34992 HYDROGEN SULFIDE IS EXPRESSED IN HUMAN AND RAT CULTURED NUCLEUS PULPOSUS CELLS AND REGULATING APOPTOSIS INDUCED BY HYPOXIA**  
Cody BÜNGER<sup>1</sup>, Haolin SUN<sup>2</sup>, Chunde LI<sup>2</sup>  
<sup>1</sup>(DENMARK), <sup>2</sup>(CHINA)
- 34575 LENTIVIRUS-SINGR PROMOTES AXONAL REGENERATION AND FUNCTIONAL RECOVERY IN SPINAL CORD CONTUSION RATS**  
Chao ZHANG, Heng Xing ZHOU, Shi Qing FENG, Fu Yuan LI, Tian Ci CHU (CHINA)
- 34131 EXPRESSION OF VEGF, ITS RECEPTORS AND HIF-1 $\alpha$  IN DUPUYTREN'S DISEASE**  
Lukas HOLZER<sup>1</sup>, Andrej CÖR<sup>2</sup>, Gerhard PFANDLSTEINER<sup>1</sup>, Gerold HOLZER<sup>1</sup>  
<sup>1</sup>(AUSTRIA), <sup>2</sup>(SLOVENIA)
- 33856 PROTEASE GENES EXPRESSION LEVELS CORRELATE BETWEEN SERUM AND SYNOVIUM BUT NOT WITH HYALINE CELLS**  
Adam KWAPISZ, Michal CHOJNACKI, Marcin DOMZALSKI, Marek SYNDER, Andrzej GRZEGORZEWSKI (POLAND)

12:00 - 12:30

*Plenary Lecture – José Sérgio Franco (in Hall 3)*

**PROXIMAL HUMERUS FRACTURE TREATMENT. UNSOLVED PROBLEM?**

José Sérgio FRANCO (BRAZIL)

12:30 - 14:00

*Break*

14:00 - 15:30

*Symposium – Research: Research Projects of Subspecialty Committees*

*Moderators:  
(to be confirmed)*

**TRAUMA RESEARCH PROJECT**

Vilmos VECSEI (AUSTRIA)

**PAEDIATRICS RESEARCH PROJECT**

Patricia FUCS (BRAZIL)

**SHOULDER & ELBOW RESEARCH PROJECT**

Jacinto MONTEIRO (PORTUGAL)

**KNEE RESEARCH PROJECT**

Sanjiv K.S. MARYA (INDIA)

**SPINE RESEARCH PROJECT**

S. RAJASEKARAN (INDIA)

15:30 - 16:00

*Break*

16:00 - 16:30

*Plenary Lecture – Dror Paley (in Hall 1)*

**IMPLANTABLE LIMB LENGTHENING: PAST, PRESENT AND FUTURE**

Dror PALEY (UNITED STATES)

16:30 - 18:00

*Free Papers – Research: Biomaterials & Scaffolds*

*Moderators:  
Eiji ITOI (JAPAN), Ajai SINGH (INDIA)*

- 35216 IN VITRO EXPANSION OF CHONDROCYTES IN A THREE-DIMENSIONAL MANNER USING A HYBRID APPROACH; OUR EXPERIENCE WITH HUMAN AND ANIMAL CARTILAGE TISSUES**  
Bhupesh KARTHIC, Arumugam SIVARAMAN, Senthilkumar RAJAPPA, Srinivasan THANGAVELU, Samuel J.K. ABRAHAM (INDIA)
- 34679 THE EFFICACY OF AUTOLOGOUS BONE MARROW CELL ARTERIAL PERFUSION IN THE TREATMENT OF OSTEONECROSIS OF THE FEMORAL HEAD: FIVE-YEAR FOLLOW-UP STUDY**  
Peijian TONG, Qiang MAO, Hongting JIN, Luwei XIAO (CHINA)
- 34582 EFFECT OF BONE MARROW STROMAL CELLS AND DEMINERALIZED BONE PARTICLE GEL ON LABRAL REPAIR IN RABBIT LABRAL TEAR MODEL**

Sunjung YOON, Myungsik PARK, Jonghyun KHO, Seung-Min CHOI  
(SOUTH KOREA)

- 35046 NOVEL BONE CEMENT MADE OF MINERALIZED SILK FIBROIN (SF)-REINFORCED CALCIUM PHOSPHATE-SF**  
Chengbin CAO, Hao LI, Huilin YANG, Bin LI (CHINA)
- 34824 SUSTAINED DRUG DELIVERY DEVICE FOR TREATMENT OF BREAST CANCER BONE METASTASES**  
Ming SUN, Muwan CHEN, Miao WANG, Cody BÜNGER  
(DENMARK)
- 34394 THE EFFECT OF INTRA-ARTICULAR OLEIC ACID AND OLEUROPEIN IN THE HEALING OF MECHANICAL OSTEOCHONDRAL DEFECTS IN RABBITS**  
Alis TEHMEZLI, Semih AYDOGDU, Dilek TASKIRAN, Murat SEZAK, Cenk CAN (TURKEY)
- 34279 COMPARATIVE STUDY OF DEMINERALIZED BONE MATRIX AUGMENTED BONE GRAFT WITH CHRONOS INJECTION IN UNICAMERAL BONE CYST OF CALCANEUM**  
Dheeraj MAKKAR, Hak Jun KIM, Eui DONG (SOUTH KOREA)
- 34211 SIDE-CHAIN MODIFIABLE POLYURETHANES WITH DIFFERENT ELASTIC MODULUS FOR MODULATION OF DIFFERENTIATION OF STEM CELLS**  
Caihong ZHU, Bin LI, Huilin YANG (CHINA)
- 34208 BIOCHEMICAL INDEXES AND CELL IMMUNITY INDEXES IN ELDERLY AND OLDER PERSONS IN THE LONG TERM AFTER IMPLANTATION OF MAJOR JOINTS**  
Svetlana LUNEVA, Marina CHEPELEVA, Maksim STOGOV (RUSSIA)
- 33992 EVALUATION OF SERUM ALKALINE PHOSPHATASE AS A BIOMARKER OF HEALING PROCESS PROGRESSION OF SIMPLE DIAPHYSEAL FRACTURES IN ADULT PATIENTS**  
Ajai SINGH, R.N. SRIVASTAVA (INDIA)

# Thursday, 17 October

## MR G.03 & MR G.04

08:30 - 10:00

### *Instructional Course – Shoulder & Elbow: Hemiarthroplasty in Trauma*

#### *Moderators:*

Ashih BABHULKAR (INDIA), José Sérgio FRANCO (BRAZIL)

#### **INDICATIONS VS. ORIF**

José Sérgio FRANCO (BRAZIL)

#### **BIOMECHANICS**

Deepak BHATIA (INDIA)

#### **TECHNIQUE AND PITFALLS**

Ashih BABHULKAR (INDIA)

#### **COMPLICATIONS**

Jaap WILLEMS (NETHERLANDS)

#### **REVISION ARTHROPLASTY FOR TRAUMA**

Angus WALLACE (UNITED KINGDOM)

#### **DISCUSSION – CASES**

Marius SCARLAT (FRANCE)

10:00 - 10:30

*Break*

10:30 - 12:00

### *Symposium – Shoulder & Elbow: Management of Massive Cuff Tear*

#### *Moderators:*

Eiji ITOI (JAPAN), Jacinto MONTEIRO (PORTUGAL)

#### **CLASSIFICATIONS & INDICATIONS**

Eiji ITOI (JAPAN)

#### **REPAIR OR NOT: CRITERIA**

Jacinto MONTEIRO (PORTUGAL)

#### **ARTHROSCOPIC REPAIR AND RELEASES**

Jaap WILLEMS (NETHERLANDS)

#### **MUSCLE TRANSFERS**

Ahmed KANDIL (EGYPT)

## CUFF ARTHROPATHY

Anant JOSHI (INDIA)

## DISCUSSION

12:00 - 12:30 *Plenary Lecture – José Sérgio Franco (in Hall 3)*

## PROXIMAL HUMERUS FRACTURE TREATMENT. UNSOLVED PROBLEM?

José Sérgio FRANCO (BRAZIL)

12:30 - 14:00 *Break*

14:00 - 15:30 *Invited Lecture & Free Papers – Shoulder & Elbow: Arthroplasty & Arthroscopy*

*Moderator:*

Ashish BABHULKAR (INDIA)

*Invited Speaker*

## ARTHROSCOPIC TREATMENT OF CALCIFIC TENDINITIS OF THE SHOULDER: A STUDY OF 68 PATIENTS WITH A 3- TO 22-YEAR FOLLOW-UP

Deepak PATEL<sup>1</sup>, Yashika PATEL<sup>1</sup>, Ria PATEL<sup>1</sup>, Apurva CHOKSEY<sup>2</sup>, Vincent MCINERNEY<sup>1</sup>  
<sup>1</sup>(UNITED STATES), <sup>2</sup>(UNITED KINGDOM)

**35978** **EVALUATION OF ARTHROSCOPIC STABILISATION OF ACROMIOCLAVICULAR JOINT DISLOCATION USING TIGHTROPE**  
Vineet JAIN, Deepak JOSHI, Ankit GOYAL, Vibhu BAHL, Prashant MODI, Deepak CHAUDHARY (INDIA)

**34728** **ARTHROSCOPY ASSISTED TIGHTROPE INTERNAL FIXATION FOR THE UNSTABLE DISTAL CLAVICLE FRACTURES**  
Jianhai CHEN (CHINA)

**35655** **FUNCTIONAL RESULTS AFTER ARTHROSCOPIC BANKART REPAIR COMBINED WITH HILL-SACHS REMPLISSAGE TECHNIQUE**  
Hatem SAID, Abdulrahman BABAQI (EGYPT)

**35489** **ARTHROSCOPIC CAPSULAR RELEASE: AN EQUALLY EFFECTIVE TREATMENT FOR IDIOPATHIC AND POST-TRAUMATIC FROZEN SHOULDER**  
Clare MILLER, Scott BARKER, Kapil KUMAR (UNITED KINGDOM)

**34820** **SHORT-TERM FUNCTIONAL OUTCOME OF ARTHROSCOPIC-ASSISTED TREATMENT OF GLENOID FRACTURES**  
Ming XIANG, Chen ZHAO (CHINA)

**35648 UNCEMENTED ZIMMER® TRABECULAR METAL™ REVERSE SHOULDER SYSTEM – EARLY RESULTS**  
Thomas FINNIGAN, Navnit MAKARAM, Fizan YOUNIS, Makaram SRINIVASAN (UNITED KINGDOM)

**35171 CLINICAL AND RADIOGRAPHIC EVALUATION OF REVERSE SHOULDER ARTHROPLASTY WITH A POLYETHYLENE GLENOSPHERE**  
Carlo Felice DE BIASE, Mario BORRONI, Marco DELCOGLIANO, Giovanni ZIVERI, Francesca DE CARO, Alessandro CASTAGNA (ITALY)

**34469 MID-TERM RESULTS OF THE EPOCA RESURFACING TOTAL SHOULDER ARTHROPLASTY**  
Vijayaraj RAMASAMY, Rupen DATTANI, Gavin BRIGSTOCKE, Ravi MALLINA, V. PATEL (UNITED KINGDOM)

**34035 REVERSE SHOULDER ARTHROPLASTY IN 41 PATIENTS WITH CUFF TEAR ARTHROPATHY WITH A MEAN FOLLOW-UP OF 5 YEARS**  
Ravi PANDIT, Nawfal AL-HADITHY, Peter DOMOS, Mathew SEWELL (UNITED KINGDOM)

15:30 - 16:00 *Break*

16:00 - 16:30 *Plenary Lecture – Dror Paley (in Hall 1)*

**IMPLANTABLE LIMB LENGTHENING: PAST, PRESENT AND FUTURE**  
Dror PALEY (UNITED STATES)

16:30 - 18:00 *YSC (Young Surgeons Committee) Symposium – SICOT Alumni*

*Moderators:*  
Fatih KÜÇÜKDURMAZ (TURKEY), Hatem SAID (EGYPT)

**WELCOME & INTRODUCTION**  
Fatih KÜÇÜKDURMAZ (TURKEY)

**YOUNG SURGEONS & SICOT**  
Keith LUK (HONG KONG)

**THE FELLOWSHIPS PROGRAMME**  
Hatem SAID (EGYPT)

**FELLOW REPORT: ASSIUT/SICOT FELLOWSHIP**  
*(to be confirmed)*

**FELLOW REPORT: GERMAN/SICOT FELLOWSHIP**

*(to be confirmed)*

**FELLOW REPORT: AAOS/SICOT**

*(to be confirmed)*

# Thursday, 17 October

## MR G.05 & MR G.06

08:30 - 10:00

### *Symposium – Hip: Osteotomies Around the Hip in Adolescents*

*Moderators:*

Gamal HOSNY (EGYPT), Narender MAGU (INDIA)

#### **INTERTROCHANTERIC OSTEOTOMY IN THE MANAGEMENT OF ADOLESCENT HIP DISORDERS**

Nadeer Kumar MAGU (INDIA)

#### **PELVIC SUPPORT OSTEOTOMIES**

Gamal HOSNY (EGYPT)

#### **SURGICAL DISLOCATION FOR ADOLESCENTS**

Vrisha MADHURI (INDIA)

#### **CHIARI OSTEOTOMY AND SHELF PROCEDURE**

Taral NAGDA (INDIA)

#### **PELVIC OSTEOTOMIES IN ADOLESCENT HIPS IN CP**

Patricia FUCS (BRAZIL)

#### **TRIPLE PELVIC OSTEOTOMY**

Marc SINCLAIR (GERMANY)

#### **INTRAMEDULLARY NAILING IN VALGUS INTERTROCHANTERIC OSTEOTOMY**

Alexander CHELNOKOV, Artem SHALIN (RUSSIA)

10:00 - 10:30

*Break*

10:30 - 12:00

### *Symposium – Hip: Arthroscopic Surgery of the Hip*

*Moderator:*

Vikas KHANDUJA (UNITED KINGDOM)

#### **INTRODUCTION**

Vikas KHANDUJA (UNITED KINGDOM)

#### **SAFE ARTHROSCOPIC ACCESS TO THE HIP JOINT**

Nicolas BONIN (FRANCE)



**INDICATIONS FOR ARTHROSCOPIC SURGERY OF THE HIP**

Hatem SAID (EGYPT)

**ARTHROSCOPIC MANAGEMENT OF FEMOROACETABULAR IMPINGEMENT**

Vikas KHANDUJA (UNITED KINGDOM)

**EXTRA-ARTICULAR HIP ENDOSCOPY**

Emmanuel AUDENAERT (BELGIUM)

**POST-OPERATIVE REHABILITATION**

Nicolas BONIN (FRANCE)

**HIP ARTHROSCOPY IN THE TROPICS**

Vijay SHETTY (INDIA)

**REGENERATIVE TECHNIQUES & HIP ARTHROSCOPY**

Andrew MCCASKIE (UNITED KINGDOM)

**DISCUSSION & CLOSURE**

Vikas KHANDUJA (UNITED KINGDOM)

12:00 - 12:30

*Plenary Lecture – José Sérgio Franco (in Hall 3)*

**PROXIMAL HUMERUS FRACTURE TREATMENT. UNSOLVED PROBLEM?**

José Sérgio FRANCO (BRAZIL)

12:30 - 14:00

*Brainlab Industry Symposium –*

14:00 - 15:30

*Symposium – Hip: Osteonecrosis of the Hip*

*Moderators:*

Vikas KHANDUJA (UNITED KINGDOM), Ramesh SEN (INDIA)

**INTRODUCTION**

Vikas KHANDUJA<sup>1</sup>, Ramesh SEN<sup>2</sup>  
<sup>1</sup>(UNITED KINGDOM), <sup>2</sup>(INDIA)

**EPIDEMIOLOGY OF DISEASE: CAN WE PREVENT?**

Vikas KHANDUJA (UNITED KINGDOM)

**NEW MODALITIES IN EARLY DIAGNOSIS OF AVN OF THE FEMORAL HEAD**

Omer FARUK BILGEN (TURKEY)

**EARLY DIAGNOSIS & TIMELY INTERVENTION SAVES HIP**

Bulent ATILLA (TURKEY)

**RECENT EXPERIMENTS IN TREATING AVN**

Ramesh SEN (INDIA)

**WHEN DOES THE CONTROVERSY BEGIN REGARDING SALVAGE OF THE HIP**

Omer FARUK BILGEN (TURKEY)

**OUTCOME OF ARTHROPLASTY IN AVN: IS IT DIFFERENT?**

Udai PRAKASH (INDIA)

**DISCUSSION**

15:30 - 16:00 *Break*

16:00 - 16:30 *Plenary Lecture – Dror Paley (in Hall 1)*

**IMPLANTABLE LIMB LENGTHENING: PAST, PRESENT AND FUTURE**

Dror PALEY (UNITED STATES)

16:30 - 18:00 *APOA Symposium – APOA meets SICOT*

*Moderator:*

Wai Pan YAU (HONG KONG)

**ORTHOPAEDIC TRAUMA: STRIVING FOR BEST TREATMENT WITH LIMITED RESOURCES**

Banchong MAHAISARIYA (THAILAND)

**SURGICAL INTERVENTION FOR SPINAL TUBERCULOSIS**

Lao WICHIAN (THAILAND)

**ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION**

Merter OZENCI (TURKEY)

**MANAGEMENT OF SHOULDER INSTABILITY**

Wai Pan YAU (HONG KONG)

# Thursday, 17 October

## MR 1.05 & MR 1.06

08:30 - 10:00 *Workshop – Use of IT in Medicine*

*Moderator:*

Fatih KÜÇÜKDURMAZ (TURKEY)

### **INTRODUCTION**

Fatih KÜÇÜKDURMAZ (TURKEY)

### **COCHRANE**

S. Semih DEDEOGLU (INDIA)

### **PUBMED**

Mohamed SUKEIK (UNITED KINGDOM)

### **GOOGLE & MOBILE APPLICATIONS**

Fatih KÜÇÜKDURMAZ (TURKEY)

10:00 - 10:30 *Break*

10:30 - 12:00

## *Symposium – Knee: Computer-Aided Instrumentation in Orthopaedics - The Cutting-Edge Technology*

*Moderators:*

Ajeya ADHIKARI (UNITED KINGDOM), Kamal DEEP (UNITED KINGDOM), Gurva REDDY (INDIA), Parag SANCHETI (INDIA)

### **INTRODUCTION**

Ajeya ADHIKARI (UNITED KINGDOM)

### **NAVIGATION AND ALIGNMENT**

Kamal DEEP (UNITED KINGDOM)

### **BASIC TECHNIQUE**

Jae-Hyuk YANG (SOUTH KOREA)

### **SOFT TISSUE BALANCING**

Frederic PICARD (UNITED KINGDOM)

### **PINLESS REGISTRATION**

Ajeya ADHIKARI (UNITED KINGDOM)

### **HIP NAVIGATION**

Kamal DEEP (UNITED KINGDOM)

### **OUTCOMES OF NAVIGATION**

Uwe SCHWARTZ (SWITZERLAND)

### **REVISION TKR & NAVIGATION**

David LIONBERGER (UNITED STATES)

### **ROUNDTABLE & DISCUSSION**

Parag SANCHETI<sup>1</sup>, Kamal DEEP<sup>2</sup>, Frederic PICARD<sup>2</sup>, Ajeya ADHIKARI<sup>2</sup>, J.H. YANG<sup>3</sup>

<sup>1</sup>(INDIA), <sup>2</sup>(UNITED KINGDOM), <sup>3</sup>(SOUTH KOREA)

### **ESSENTIALS OF ROBOTICS**

B. JARAMAZ (UNITED STATES)

### **ROBOTICS IN HIP ARTHROPLASTY**

André BAUER (SPAIN)

### **HAND-HELD ROBOT (NAVIO PFS)**

Frederic PICARD (UNITED KINGDOM)

### **ROBOTICS IN UNICOMPARTMENTAL KNEE MAKO**

Mark BLYTH (UNITED KINGDOM)

### **ROUNDTABLE & DISCUSSION**

Gurva REDDY<sup>1</sup>, B. JARAMAZ<sup>2</sup>, Frederic PICARD<sup>3</sup>, Mark BLYTH<sup>3</sup>

<sup>1</sup>(INDIA), <sup>2</sup>(UNITED STATES), <sup>3</sup>(UNITED KINGDOM)

12:00 - 12:30

*Plenary Lecture – José Sérgio Franco (in Hall 3)*

### **PROXIMAL HUMERUS FRACTURE TREATMENT. UNSOLVED PROBLEM?**

José Sérgio FRANCO (BRAZIL)

12:30 - 14:00

*Aesculap B Braun Industry Symposium – Knee Navigation Life - Benefit, Experience, Latest Advances*

14:00 - 15:30

*Free Papers – Computer Assisted Techniques*

*Moderator:*

Vaibhav BAGARIA (INDIA)

### **33640 ARTIFICIAL INTELLIGENCE AND ORTHOPAEDICS: IS THE FUTURE TOO FUZZY?!**

Vaibhav BAGARIA (INDIA)

### **34926 ROBOTIC HIP ARTHROSCOPY; A CADAVERIC FEASIBILITY STUDY**

Osman TECIMEL, Cetin ISIK, Nihal APAYDIN, Halil Ibrahim ACAR,

Nurdan CAY, Ahmet FIRAT, Murat BOZKURT (TURKEY)

**35323 EVALUATION OF ACCURACY OF ANTERIOR PELVIC PLANE IN COMPUTER NAVIGATED TOTAL HIP ARTHROPLASTY**

Mohammad Shahnawaz KHAN, Stuart GOUDIE, Kamal DEEP (UNITED KINGDOM)

**34363 REVISION TOTAL HIP ARTHROPLASTY USING IMAGELESS NAVIGATION WITH THE CONCEPT OF COMBINED ANTEVERSION**

Jun-Dong CHANG, In-Sung KIM, Atul BHARDWAJ, Kashayi Chowdoji SREEKANTH (SOUTH KOREA)

**34434 COMPARISON OF ACCURACY OF TRANSEPICONDYLAR AXIS AS A MEASURE FOR FEMORAL COMPONENT ROTATION IN COMPUTER NAVIGATED AND NON NAVIGATED TOTAL KNEE ARTHROPLASTY IN SEVERELY DEFORMED KNEES**

Saurabh GUPTA, Shantharam SHETTY, Ajith KUMAR (INDIA)

**34324 SELECTIVE FEMORAL NAVIGATION FOR TOTAL KNEE ARTHROPLASTY: A COMPARATIVE STUDY OF 200 CASES**

Amol DHAWALE, Nilen SHAH, Bipin KHEDKAR (INDIA)

**33917 COMPARISON OF PERIOPERATIVE OUTCOMES OF TKRS DONE USING COMPUTER NAVIGATION AND PATIENT SPECIFIC INSTRUMENTATION**

Shreedhar ARANGANATHAN, Thati SRINIVAS, Hirehal KIRAN, Ganapathi MUTHU (UNITED KINGDOM)

**34509 CORRECTION OF FEMORAL DEFORMITY IN ADULTS USING ORTHO-SUV FRAME: REVIEW OF 50 CASES**

Elena SHCHEPKINA, Leonid SOLOMIN, Pjotr SKOMOROSHO, Viktor VILENSKY (RUSSIA)

15:30 - 16:00 *Break*

16:00 - 16:30 *Plenary Lecture – Dror Paley (in Hall 1)*

**IMPLANTABLE LIMB LENGTHENING: PAST, PRESENT AND FUTURE**  
Dror PALEY (UNITED STATES)

16:30 - 18:00

*Symposium – Knee: Patient Specific Instruments & Implants*

*Moderators:*

Mahmoud HAFEZ (EGYPT), Maximilian RUDERT (GERMANY)

**PATIENT SPECIFIC GUIDES FOR TKA: AN OVERVIEW**

Mahmoud HAFEZ (EGYPT)

**RAPID PROTOTYPING – THE TECHNOLOGY BEHIND PSI**  
*(to be confirmed)*

**PSI EFFECT**

Muthu GANAPATHI (UNITED KINGDOM)

**LIGAMENT BALANCING TECHNIQUE IN PSI FOR TKA**

Christophe FORNASIERI (FRANCE)

**PATIENT SPECIFIC IMPLANTS FOR UNI- AND BICONDYLAR KNEE  
ARTHROPLASTY**

Maximilian RUDERT (GERMANY)

**MEDIAL PIVOT AND PATIENT SPECIFIC INSTRUMENTATION  
– A PARADOX?**

Kirti MOHOLKAR (UNITED KINGDOM)

**PSI FOR KINEMATICALLY ALIGNED TKR – PRINCIPLES AND EARLY  
EXPERIENCE**

Vipul MANDALIA (UNITED KINGDOM)

**ROUNDTABLE DISCUSSION**

**Thursday, 17 October**

**MR 1.01 & MR 1.02**

10:30 - 12:00

*Short Oral Communications – Trauma*

*Moderators:*

Fatih KÜÇÜKDURMAZ (TURKEY), Shantharam SHETTY (INDIA)

**33828 NON-OPERATIVE TREATMENT COMPARED WITH PLATE FIXATION OF DISPLACED MIDSHAFT CLAVICULAR FRACTURES – A COMPARATIVE STUDY**

Naved Ahmed ANSARI, Farid ANSARI (INDIA)

**35490 THE USE OF A PRE-FABRICATED BRACING SYSTEM FOR THE MANAGEMENT OF HUMERAL SHAFT FRACTURES: EXPERIENCE OF A CENTRE IN THE UK**

Rohit SINGHAL, Stewart PAUL, C.P. CHARALAMBOUS (UNITED KINGDOM)

**34533 HUMERAL SHAFT FRACTURE: WHAT TO DO? NAIL OR PLATE, A COMPARATIVE CLINICO-RADIOLOGICAL STUDY TO ASSESS DIFFERENCE IN FUNCTIONAL OUTCOME BETWEEN INTRAMEDULLARY AND EXTRAMEDULLARY FIXATION**

Shah Waliullah WALI, Sharma VINEET, Ajai SINGH, Kumar ASHISH, Kushwaha NARENDRA (INDIA)

**33743 PROXIMAL HUMERUS FRACTURE: CAN JESS SOLVE THE PROBLEM?**

Devwart KAUSHIK, Narendra JOSHI, Rahul SAPRA (INDIA)

**33523 TREATMENT OF THE HUMERAL SHAFT NON-UNION AFTER FIXATION FAILURE**

Asen BALTOV, Nedelcho TZACHEV, Ivan GEROV, Dian ENCHEV, Andrey IOTOV (BULGARIA)

**35565 THE PROXIMAL ULNA ANATOMY, WITH RESPECT TO A NEWLY DESIGNED PROXIMAL INTERLOCKING SCREW SYSTEM AT INTRAMEDULLARY NAILING OF THE ULNA – A CADAVER STUDY**

Fatih KÜÇÜKDURMAZ, Necdet SAGLAM, Ismail AGIR, Cengiz SEN, Fuat AKPINAR (TURKEY)

**35653 COMPLEX UNSALVAGEABLE FRACTURE OF HEAD OF RADIUS: FASCIA LATA INTERPOSITION ARTHROPLASTY**

Kodali Siva Rama Krishna PRASAD, Harinder GAKHAR, Hemant SHARMA, Vijay RAJAMANI, Barrie MCCONNELL, George ZAFIROPOULOS (UNITED KINGDOM)

- 35301 SHOULD ORIF REPLACE CRIF IN TREATMENT OF DISPLACED DISTAL RADIUS FRACTURE?**  
Tirthankar BHATTACHARYA (INDIA)
- 33669 AN INNOVATIVE EXTERNAL FIXATOR FOR THE MANAGEMENT OF TROCHANTERIC FRACTURES OF THE FEMUR – SURGICAL TECHNIQUE AND OUTCOMES OF 200 PATIENTS WITH 24 MONTHS' FOLLOW-UP**  
Mohamed Altayeb MUSSA<sup>1</sup>, Adel Refaat AHMED<sup>2</sup>, Ahmed HASAN<sup>2</sup>  
<sup>1</sup>(UNITED KINGDOM), <sup>2</sup>(EGYPT)
- 35869 PROXIMAL FEMORAL NAIL AND ITS COMPLICATIONS**  
Abhijit KAWALKAR, Sandip BORLE, Chandrashekher BADOLE (INDIA)
- 35028 OUR EXPERIENCE OF THE MODIFIED STOPPA APPROACH FOR ACETABULAR FRACTURES**  
Yoshihiro NAKAMURA, Etsuo CHOSA, Takeru SAKAMOTO, Shinji WATANABE, Tomohisa SEKIMOTO, Hiroaki HAMADA, Hiroshi IKEJIRI (JAPAN)
- 35000 NEGLECTED ACETABULAR FRACTURES: A RETROSPECTIVE ANALYSIS OF SURGICAL OUTCOME**  
Nipun JINDAL, Ravi GUPTA (INDIA)
- 34565 A META-ANALYSIS OF REAMED VERSUS UNREAMED INTRAMEDULLARY NAILING FOR THE TREATMENT OF CLOSED TIBIAL FRACTURES**  
Dan JIN (CHINA)
- 34786 MANAGEMENT OF LONG BONE NON-UNION WITH THE DIAMOND CONCEPT – OUR INSTITUTIONAL EXPERIENCE**  
Suribabu GUDIPATI, Nikolaos KANAKARIS, Peter GIANNOUDIS (UNITED KINGDOM)
- 34614 PERIPROSTHETIC FRACTURES OF THE HIP AND KNEE: INCREASING PROBLEM WITH EVOLVING SOLUTIONS**  
Biyyam RAO, Adhish AVASTHI, Michael MOSS, Lee TAYLOR (UNITED KINGDOM)
- 33777 IS THE ISKD A SAFE MEASURE FOR BONE LENGTHENING? A SYSTEMATIC REVIEW**  
Ahmed NAGEEB FATHY, Khaled EMARA (EGYPT)
- 33886 INTRODUCTION OF THE OSSEOINTEGRATED PROSTHESIS FOR THE REHABILITATION OF PATIENTS AFTER AMPUTATIONS DUE TO TRAUMA OR VASCULAR DISEASES IN HUNGARY**  
Laszlo Gergely NOT<sup>1</sup>, Otto MORICZ<sup>1</sup>, Sandor FERENCZ<sup>1</sup>, Gyorgy



WEBER<sup>1</sup>, Rickard BRANEMARK<sup>2</sup>, Laszlo VAMHIDY<sup>1</sup>  
<sup>1</sup>(HUNGARY), <sup>2</sup>(SWEDEN)

- 34662 SARMIENTO PHILOSOPHY OF TREATING FRACTURES: IS IT OBSOLETE OR STILL RELEVANT?**  
Deven TANEJA (INDIA)

14:00 - 15:30

*Short Oral Communications – Foot & Ankle I*

*Moderator:*

Shankar S. JHA (INDIA)

- 35924 SCARF OSTEOTOMY FOR HALLUX VALGUS CORRECTION – EXPERIENCE REDUCES THE COMPLICATION RATE**  
Maheswara AKULA, Nikolaos GOUGOULIAS (UNITED KINGDOM)
- 34341 CLINICAL OUTCOMES OF THE DISTAL METATARSAL OSTEOTOMY USING BIO-COMPRESSION SCREW FOR ADVANCED HALLUX RIGIDUS**  
Eun-Myoung LEE, Byung-Ki CHO, Yong-Min KIM, Su-Ri CHONG (SOUTH KOREA)
- 35604 SURGICAL CORRECTION OF BUNIONETTE DEFORMITY WITH SCARFETTE OSTEOTOMY**  
Zoltán KOÓS, Lehel BÁLINT (UNITED KINGDOM)
- 33954 INTRA-OPERATIVE IMAGING IN HALLUX VALGUS SURGERY**  
Peter RALTE, Philip HOLLAND, James WIDNELL, Andy MOLLOY (UNITED KINGDOM)
- 35526 SUCCESS RATE OF PLATE FUSION FOR MTPJ ARTHRODESIS**  
Anand Kumar GARLAPATI, Ajay BAJORIA, Babis KARAGKEVREKIS (UNITED KINGDOM)
- 35949 FIRST METATARSOPHALANGEAL JOINT ARTHRODESIS: A COMPARISON OF TWO METHODS OF FIXATION**  
Yasir SHAUKAT, Mamun AL-RASHID, Wasim KHAN, A. KHAN (UNITED KINGDOM)
- 33820 TWO-YEAR RESULTS OF 1ST METATARSAL HEAD RESURFACING PROSTHESIS (HEMICAP) USED FOR THE TREATMENT OF ADVANCED MTPJ OSTEOARTHRITIS**  
Mohammed TAHIR, Akash PATEL, Farhan SYED, Amarjit ANAND, Kyriacos ELEFTHERIOU, Peter ROSENFELD (UNITED KINGDOM)
- 35592 DAY CASE FOREFOOT SURGERY: IS IT EFFECTIVE?**  
Ran WANG, Abubakar MUSTAFA, Sami ATIYA, Stephen WASHINGTON, Anand PILLAI (UNITED KINGDOM)

- 35735 PLANTAR AND POSTERIOR HEEL PAINS – ARE THEY DIFFERENT?**  
Saseendar SHANMUGASUNDARAM (INDIA)
- 34255 SUBTALAR ARTHROEREISIS AS A USEFUL ADJUNCT IN SURGICAL RECONSTRUCTION OF ADULT FLEXIBLE FLAT FEET: A SINGAPOREAN EXPERIENCE**  
Christopher FANG, Gowreeson THEVENDRAN, Nikhilesh TODKARI, Kannan KALIYAPERUMAL (SINGAPORE)
- 34141 MANAGEMENT OF NEGLECTED AND RESISTANT TALIPES EQUINO VARUS FOOT DEFORMITY**  
Patel KEYUR, Jagdish PATWA, Reeny PATEL (INDIA)
- 35854 PERONEUS BREVIS TENODESIS FOR CHRONIC NEGLECTED RUPTURES OF TENDO ACHILLES WITH LARGE DEFECTS**  
Rohit JINDAL (INDIA)
- 35103 ATTENTION, FOP! (6 CASES OF FIBRODYSPLASIA OSSIFICANS PROGRESSIVA IN CHILDREN WITH DEVELOPMENTAL ABNORMALITIES OF THE FIRST RAY OF FOOT)**  
Nadezda KOVALENKO-KLYCHKOVA, Vladimir KENIS, Irina KLYCHKOVA (RUSSIA)
- 34731 CLINICAL OUTCOMES OF THE MODIFIED-BROSTROM PROCEDURE USING SUTURE BRIDGE TECHNIQUE FOR OVERWEIGHT PATIENTS**  
Eun-Myoung LEE, Byung-Ki CHO, Yong-Min KIM, Su-Ri CHONG (SOUTH KOREA)
- 34277 STUDY OF EFFECTIVENESS OF A NEWLY DEVELOPED FUNCTIONAL REHABILITATION PROGRAM FOR CHRONIC ANKLE INSTABILITY**  
Dheeraj MAKKAR, Hak Jun KIM, Eui DONG (SOUTH KOREA)
- 35941 THE INFECTED DIABETIC FOOT – A NOVEL MULTIDISCIPLINARY APPROACH USING SURGICAL DEBRIDEMENT GENTAMICIN BEADS AND HOME ANTIBIOTICS – HAVE WE FOUND THE OPTIMAL TREATMENT?**  
Dakshinamurthy SUNDERAMOORTHY, Thomas KURIEN, Kamalakannan CHOKKALINGAM, Susan SNAPE, Brigitte SCAMMELL (UNITED KINGDOM)

16:30 - 18:00

*Short Oral Communications – Foot & Ankle II*

*Moderators:*

Haroon K.T. RAZA (INDIA), Huub J.L. VAN DER HEIDE (NETHERLANDS)

- 35898 ARTHROSCOPIC CALCANEONAVICULAR COALITION EXCISION – TECHNIQUE AND OUTCOME**  
Madhavan PAPANNA, Sanjeev MADAN (UNITED KINGDOM)
- 33957 REVISION SUBTALAR FUSION – A MINIMALLY INVASIVE TECHNIQUE**  
Ashok MARUDANAYAGAM, Antony PERERA (UNITED KINGDOM)
- 34373 TRIPLE ARTHRODESIS: A FRESH LOOK**  
Bhasker BANERJI, Vinay YADAV (INDIA)
- 34658 RETURN TO WORK AFTER TOTAL ANKLE REPLACEMENT: A CROSS SECTIONAL STUDY**  
Sami ANJUM, Anjani SINGH, Jayasree RAMASKANDHAN, Malik SIDDIQUE (UNITED KINGDOM)
- 34649 EFFECT OF AGE ON OUTCOMES OF TOTAL ANKLE REPLACEMENT (TAR): A PROSPECTIVE STUDY**  
Anjani SINGH, Jayasree RAMASKANDHAN, Malik SIDDIQUE (UNITED KINGDOM)
- 34732 LONG-TERM FOLLOW-UP OF MOBILE-BEARING TOTAL ANKLE ARTHROPLASTY IN INFLAMMATORY JOINT DISEASE**  
Huub J.L. VAN DER HEIDE, Tim KRAAL, Marta FIOCCO, Bart VAN POPPEL, Rob G.H.H. NELISSEN, Kees H.C. DOETS (NETHERLANDS)
- 34718 ENDOSCOPIC CORRECTION OF HAGLUND’S DEFORMITY**  
Andrey SEREDA, Gennadiy KAVALERSKY, Andrey GRITSYUK (RUSSIA)
- 35553 OUTCOMES OF SURGICAL TREATMENT OF CHRONIC ACHILLES TENDON DISORDERS**  
Ajay BAJORIA, Riazuddin MOHAMMED, Anand GARLAPATI, Babis KARAGKEVREKIS (UNITED KINGDOM)
- 34357 TREATMENT OF DELTOID CHRONIC INJURY INDUCED FLAT FOOT DEFORMITY USING TWINFIX**  
Chao ZHANG, Xu WANG, Xin MA, Jia-Zhang HUANG (CHINA)
- 33578 COBB PROCEDURE AND CALCANEAL OSTEOTOMY IN THE TREATMENT OF STAGE II TIBIALIS POSTERIOR TENDON: CASE SERIES**  
Kenneth DAVID-WEST, Birendra SHRESTHA (UNITED KINGDOM)
- 35419 THE OVERLOOKED DEFORMITY IN HALLUX VALGUS: TAILOR’S BUNION**  
Osman TECIMEL, Alper DEVECI, Ahmet FIRAT, Serdar YILMAZ, Ahmet O. YILDIRIM, Ozdamar F. OKEN, Murat GULCEK, Ahmet UCANER (TURKEY)

- 34712 USE OF MEMORY STAPLES FOR FIRST METATARSOPHALANGEAL JOINT ARTHRODESIS**  
Shah JEHAN, Andrew BING, Simon O. HILL, Alam KHAN (UNITED KINGDOM)
- 35745 ACUTE CHARCOT FOOT: ROLE OF SPECT/CT BONE SCINTIGRAPHY IN EARLY DIAGNOSIS AND MORPHOLOGICAL CLASSIFICATION**  
Krishna BODDU, Ahmed BILAL, Radhika CHAKRAVARTTY, Nicola MULHOLLAND, Gill VIVIAN, N. PETROVA, Venu KAVARTHAPU, Michael EDMONDS (UNITED KINGDOM)
- 34337 COMPLICATIONS OF TRADITIONAL BONE SETTER'S, STRATEGY TO OVERCOME A TRAGEDY – EXPERIENCE FROM SUDAN**  
Waleed MEKKI (SUDAN)
- 35884 TRABECULAR PATTERN OF PROXIMAL TIBIA**  
Haroon K.T. RAZA, Shamikh Muneer Ghaus-Ul RAZA (INDIA)
- 33872 A NEW HINGE SYSTEM IN LIMB LENGTHENING AND CORRECTION OF AXIAL DEVIATIONS**  
Ghassan SALAMEH<sup>1</sup>, Michael SCHMIDT<sup>2</sup>  
<sup>1</sup>(SYRIA), <sup>2</sup>(GERMANY)

# Programme

## Friday, 18 October

	Hall 3	Hall 1	Hall 2	Hall 5	Hall 6
08:30-10:00	<i>Instructional Course Trauma Polytrauma</i>	<i>Symposium Sports Medicine Meet The Experts: ACL &amp; Meniscus</i>	<i>Symposium Knee Total Knee Arthroplasty in Asia</i>	<i>Symposium Foot &amp; Ankle Deformities - Challenges &amp; Remedies</i>	<i>Instructional Course Spine Aging Spine</i>
10:00-10:30	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
10:30-12:00	<i>Free Papers Trauma Proximal Femur I</i>	<i>Symposium Sports Medicine Osteochondral Defects: What's Hot and What's Not</i>	<i>Invited Lectures &amp; Free Papers Knee Total Knee Arthroplasty I</i>	<i>Free Papers Foot &amp; Ankle Reconstruction</i>	<i>Free Papers Spine Lumbar Degenerative</i>
12:00-12:30	<i>Plenary Lecture -SteffenRud'holz</i>				
12:30-14:00	<i>Zimmer Industry Symposium</i>	<i>Smith &amp; Nephew Industry Symposium</i>	<i>Smith &amp; Nephew Industry Symposium</i>	<i>Break</i>	<i>Depuy Synthes Industry Symposium</i>
14:00-15:30	<i>Free Papers Trauma Proximal Femur II</i>	<i>Invited Lecture &amp; Free Papers Sports Medicine Knee Arthroscopy</i>	<i>Invited Lecture &amp; Free Papers Knee Total Knee Arthroplasty II</i>	<i>Free Papers Foot &amp; Ankle Trauma &amp; Reconstruction</i>	<i>Free Papers Spine Degenerative</i>
15:30-16:00	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
16:00-16:30	<i>Plenary Lecture - S. Rajasekaran</i>				
16:30-18:00	<i>Instructional Course Trauma Trauma in Children</i>	<i>Free Papers Sports Medicine Arthroscopy &amp; General</i>	<i>Invited Lectures &amp; Free Papers Knee Total Knee Arthroplasty III</i>	<i>Symposium Surgical Safety for the Orthopaedic Patient</i>	<i>Free Papers Spine Infections</i>

	<b>MR G.01 &amp; MR G.02</b>	<b>MR G.03 &amp; MR G.04</b>	<b>MR G.05 &amp; MR G.06</b>	<b>MR 1.05 &amp; MR 1.06</b>	<b>MR 1.01 &amp; MR 1.02</b>
08:30-10:00	<i>Instructional Course</i> <b>Tumours</b> Oncological Surgery	<i>Symposium</i> <b>Trauma</b> External Fixator in Natural Disasters	<i>Instructional Course</i> <b>Hip</b> Preserving Bone in Hip Surgery in Young Patients	<b>EBJIS</b> <i>Symposium</i> What's New in Bone and Joint Infections Management?	<i>Short Oral Communications</i> Spine I
10:00-10:30	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
10:30-12:00	<i>Free Papers</i> <b>Tumours</b> I	<i>Symposium</i> <b>Trauma</b> Injury Prevention	<i>Free Papers</i> <b>Hip</b> Total Hip Arthroplasty - Dual Mobility & Hemiarthroplasty	<i>Instructional Course</i> <b>Infections</b> Management of Bone Infection & Non-Union	<i>Short Oral Communications</i> Spine II
12:00-12:30					
12:30-14:00	<b>Karl Storz</b> <i>Industry Symposium</i>	<b>Groupe Lépine</b> <i>Industry Symposium</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
14:00-15:30	<i>Symposium</i> <b>Tumours</b> Bone Tumours	<i>Symposium</i> <b>Trauma</b> Orthopaedics in Disaster & Catastrophes	<i>Symposium</i> <b>Hip</b> Tribology	<i>Free Papers</i> <b>Infections</b> Osteoarticular Infections	<i>Short Oral Communications</i> Hip I
15:30-16:00	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
16:00-16:30					
16:30-18:00	<i>Free Papers</i> <b>Tumours</b> II	<i>Invited Lecture &amp; Free Papers</i> <b>Trauma</b> Severe Injuries - Spinal Cord, Extremities, War & Natural Disasters	<b>SOFcot</b> <i>Symposium</i> Causes for Revision of Primary Total Hip Arthroplasty in France	<b>Best Papers Session</b>	<i>Short Oral Communications</i> Paediatrics

# Friday, 18 October

## Hall 3

08:30 - 10:00

### *Instructional Course – Trauma: Polytrauma*

#### *Moderators:*

Hans-Christoph PAPE (GERMANY), Gershon VOLPIN (ISRAEL)

#### **INTRODUCTION**

Gershon VOLPIN (ISRAEL)

#### **EARLY TOTAL CARE (ETC)**

James WADDELL (CANADA)

#### **DAMAGE CONTROL ORTHOPAEDICS (DCO)**

Gershon VOLPIN (ISRAEL)

#### **PATHOPHYSIOLOGY OF POLYTRAUMA (SIRS)**

Hans-Christoph PAPE (GERMANY)

#### **POLYTRAUMA – OPERATIVE PROCEDURES – THE TIME OF SURGERY**

Vilmos VECSEI (AUSTRIA)

#### **SAVING THE MANGLED LIMB**

Reinhard SCHNETTLER (GERMANY)

#### **TIME OF SURGERY IN OPEN FRACTURES, EARLY, OR DELAYED TREATMENT?**

Peter BIBERTHALER (GERMANY)

#### **DISCUSSION**

10:00 - 10:30

*Break*

10:30 - 12:00

### *Free Papers – Trauma: Proximal Femur I*

#### *Moderators:*

Horia-Bogdan ORBAN (ROMANIA), Arindam BANERJEE (INDIA)

#### **33715 TREATMENT STRATEGY FOR FEMORAL NECK FRACTURES BASED ON FEMORAL HEAD PERFUSION ESTIMATED BY USING DYNAMIC MRI POSITIVE ENHANCEMENT INTEGRAL COLOR MAPPING**

Yoshinori TAKAHASHI, Akihiro NAGAMACHI, Masatoshi MORIMOTO, Hiroshi YONEZU, Keisuke ADACHI, Kazumasa INOUE,

Toshihito TAKAGI, Toru ENDO (JAPAN)

**33879 COMPARATIVE STUDY OF MULTIPLE CANCELLOUS SCREWS VERSUS SLIDING HIP SCREWS IN FRACTURES NECK OF FEMUR IN ADULTS AGED 16-60 YEARS**

Mayank GUPTA, Rajendra ARYA (INDIA)

**35696 ROLE OF PROXIMAL FEMORAL NAILING IN INTRACAPSULAR FRACTURE NECK OF FEMUR**

Chandra Prakash PAL (INDIA)

**35483 ADVANTAGE OF USING A CEMENTLESS REVISION STEM AND TRANSTROCHANTERIC APPROACH IN THE TREATMENT OF UNSTABLE PROXIMAL FEMUR FRACTURES**

François STEFFANN, Jean Louis PRUDHON (FRANCE)

**35450 AUGMENTATION OF PROXIMAL FEMORAL FIXATION NAIL IN TROCHANTERIC FRACTURES – STUDY ON BIOMECHANICAL FORCES**

Vijayanand LOKHANDE, Wasudeo GADEGONE (INDIA)

**35449 PFN IN THE MANAGEMENT OF REVERSE TROCHANTERIC FRACTURES – A PANACEA?**

Yogesh SALPHALE (INDIA)

**35392 UNSTABLE PROXIMAL FEMORAL FRACTURES BY PF-LCP**

Manoj MITTAL (INDIA)

**34880 OUTCOME OF PROXIMAL FEMORAL NAIL ANTIROTATION™ (PFNA) IN THE MANAGEMENT OF PROXIMAL FEMORAL (HIP) FRACTURES – EXPERIENCE FROM A BUSY DISTRICT GENERAL HOSPITAL**

Karadi SUNIL KUMAR, Eoin TWOHIG, Sabina BARBUR, Harvey SANDHU (UNITED KINGDOM)

**34686 SINGLE STAGE TWO PRONG SURGERY FOR DELAYED INTRACAPSULAR FRACTURE NECK OF THE FEMUR IN YOUNG PATIENTS**

Arindam BANERJEE, Rajiv CHATTERJEE (INDIA)

**33728 COMPARISON BETWEEN EXTERNAL FIXATION AND DYNAMIC HIP SCREW IN THE MANAGEMENT OF STABLE TROCHANTERIC FRACTURES**

Mohamed Altayeb MUSSA<sup>1</sup>, Adel Refaat AHMED<sup>2</sup>, Mostafa Elsayed EL-HEFNAWEY<sup>2</sup>, Mohamed Adel WANAS<sup>2</sup>  
<sup>1</sup>(UNITED KINGDOM), <sup>2</sup>(EGYPT)



**35077 USE OF SMP (SANCHETI MODULAR PROSTHESIS) IN DISPLACED TRANSCERVICAL NECK FEMORAL FRACTURES IN LOW DEMAND ELDERLY PATIENTS**  
Parag SANCHETI (INDIA)

12:00 - 12:30 *Plenary Lecture – Steffen Ruchholtz*

**MODERN MANAGEMENT OF POLYTRAUMA PATIENTS**  
Steffen RUCHHOLTZ (GERMANY)

12:30 - 14:00 *Zimmer Industry Symposium – Periprosthetic Fractures*

14:00 - 15:30 *Free Papers – Trauma: Proximal Femur II*

*Moderators:*

Rajeev NAIK (INDIA), Dariush SAVADKOOHI (IRAN)

**34938 COMPUTED TOMOGRAPHIC EVALUATION OF PROXIMAL FEMUR: A PREDICTIVE CLASSIFICATION IN DISPLACED FEMORAL NECK FRACTURE MANAGEMENT**  
Amit BATRA, Narender MAGU (INDIA)

**35788 INTERNAL FIXATION OF UNDISPLACED INTRACAPSULAR HIP FRACTURE; WHAT IS THE RIGHT CHOICE OF IMPLANT?**  
Sandeshkumar LAKKOL, Chris BUCKLE, Helen CRIPPS, Charles GODAVITARNE, Krishna BODDU, Patrick LI (UNITED KINGDOM)

**33836 COMPARISON OF OSTEOSYNTHESIS OF INTRACAPSULAR FEMORAL NECK FRACTURES BY DYNAMIC HIP SCREW (DHS) FIXATION AND MULTIPLE CANNULATED SCREWS**  
Dariush SAVADKOOHI, Babak SIAVASHI (IRAN)

**35732 TREATMENT OF COMMINUTED TROCHANTERIC FRACTURE WITH PROXIMAL FEMORAL LOCKING COMPRESSION PLATE**  
Dayanand MANJUNATH, Deepak SHIVANNA (INDIA)

**35678 MANAGEMENT OF UNSTABLE INTERTROCHANTERIC FRACTURES TREATED WITH SHORT PROXIMAL FEMORAL NAIL IN ASIANS**  
Ahmed Rayan JELANI, Vishwas MUNDEWADI, Mohammed Ismail HATHIWALE (INDIA)

**35635 PROXIMAL FEMORAL LOCKING PLATE V/S 135° DYNAMIC HIP SCREW SYSTEM IN THE TREATMENT OF UNSTABLE INTERTROCHANTERIC FRACTURE OF THE FEMUR**  
Anoop DHAMANGAONKAR, Arvind GOREGAONKAR, Deepak JOSHI, Akhil TAWARI (INDIA)

**34176 EVALUATION OF OPERATIVE TREATMENT OF  
INTERTROCHANTERIC FRACTURE OF FEMUR: A COMPARATIVE  
STUDY**

Chintan HEGDE, N.N. RIYAZ, Vijay SHETTY (INDIA)

**35877 COMPARATIVE STUDY IN THE MANAGEMENT OF SINSHEIMER  
TYPE IIB AND TYPE IIIA SUBTROCHANTERIC FRACTURE WITH  
PROXIMAL FEMORAL NAIL (PFN) VERSUS LOCKING  
COMPRESSION PLATE - PROXIMAL FEMUR (LCP-PF)**

Vigneshwaran PRAGADEESWARAN, Mohsin SYED, Basavaraju  
GANIGER (INDIA)

**35478 PROXIMAL FEMUR LOCKING COMPRESSION PLATE: A VIABLE  
OPTION FOR COMPLEX PROXIMAL FEMUR FRACTURES**

Dinesh KALE, Nikhil KHADABADI, Babu PUTTI, Ravi JATTI,  
Siddharth BAHETI (INDIA)

**35445 VALGUS OSTEOTOMY COMBINED WITH FIBULAR GRAFT IN  
NEGLECTED FRACTURE NECK FEMUR**

Vijayanand LOKHANDE, Wasudeo GADEGONE (INDIA)

**33812 NAILING WITH STEM LENGTHENING IN PERIPROSTHETIC  
FEMORAL SHAFT FRACTURES**

Alexander CHELNOKOV, Igor PIVEN, Alexey SEMENISTY (RUSSIA)

15:30 - 16:00 *Break*

16:00 - 16:30 *Plenary Lecture – S. Rajasekaran*

**MEDICINE – FOR WHOSE BENEFIT?**

S. RAJASEKARAN (INDIA)

16:30 - 18:00 *Instructional Course – Trauma: Trauma in Children*

*Moderators:*

Reinhard SCHNETTLER (GERMANY), Gershon VOLPIN (ISRAEL)

**CHALLENGE TO PAEDIATRIC TRAUMA CARE**

Reinhard SCHNETTLER (GERMANY)

**TRAUMATIC BRAIN INJURY IN CHILDREN**

Wolfgang BOECKER (GERMANY)

**PAEDIATRIC PELVIC FRACTURES**

Vilmos VECSEI (AUSTRIA)

**TREATMENT OF PAEDIATRIC FEMORAL FRACTURES BY ELASTIC  
NAILS**

Gershon VOLPIN (ISRAEL)

**MANAGEMENT OF COMMON PAEDIATRIC FRACTURES**

Christoph SCHAEFER (GERMANY)

# Friday, 18 October

## Hall 1

08:30 - 10:00

### *Symposium – Sports Medicine: Meet The Experts - ACL & Meniscus*

#### *Moderators:*

Stephen ABELOW (UNITED STATES), William RODKEY (UNITED STATES)

#### ***ACL – EVIDENCE BASED DISCUSSIONS***

##### **SINGLE BUNDLE**

Pedro GUILLEN (SPAIN)

##### **DOUBLE BUNDLE**

Deepak PATEL (UNITED STATES)

##### **GRAFT SELECTION: AUTOGRAFT**

Pedro GUILLEN (SPAIN)

##### **GRAFT SELECTION: ALLOGRAFT**

Rene VERDONK (BELGIUM)

##### **DIFFICULT CASE PRESENTATIONS (ACL)**

Mohamed SUKEIK<sup>1</sup>, Shalin MAHESHWARI<sup>2</sup>  
<sup>1</sup>(UNITED KINGDOM), <sup>2</sup>(INDIA)

#### ***MENISCUS – EVIDENCE BASED DISCUSSIONS***

##### **REVIEW OF MENISCUS REPAIR TECHNIQUES**

Pedro GUILLEN (SPAIN)

##### **MENISCUS ALLOGRAFT TRANSPLANTATION**

Rene VERDONK (BELGIUM)

##### **COLLAGEN MENISCUS IMPLANT AND OTHER SCAFFOLDS**

William RODKEY (UNITED STATES)

##### **DIFFICULT CASE PRESENTATIONS (MENISCUS)**

Ibrahim AZBOY<sup>1</sup>, Bassel EL-OSTA<sup>2</sup>  
<sup>1</sup>(TURKEY), <sup>2</sup>(UNITED KINGDOM)

10:00 - 10:30

*Break*

10:30 - 12:00

### *Symposium – Sports Medicine: Osteochondral Defects - What's Hot & What's Not*

*Moderators:*

Stephen ABELOW (UNITED STATES), Pedro GUILLEN (SPAIN)

**MICROFRACTURE: THE VAIL EXPERIENCE – THE SCIENCE, TECHNIQUE, AND RESULTS**

William RODKEY (UNITED STATES)

**AUTOLOGOUS CHONDROCYTE IMPLANTATION UTILIZING CHARACTERIZED CULTURED CHONDROCYTES**

Rene VERDONK (BELGIUM)

**ARTHROSCOPIC MACI AND ICC**

Pedro GUILLEN (SPAIN)

**OSTEOCHONDRAL ALLOGRAFTS: STATE OF THE ART**

Stephen ABELOW (UNITED STATES)

**DISCUSSION**

12:00 - 12:30

*Plenary Lecture – Steffen Ruchholtz (in Hall 3)*

**MODERN MANAGEMENT OF POLYTRAUMA PATIENTS**

Steffen RUCHHOLTZ (GERMANY)

12:30 - 14:00

*Smith & Nephew Industry Symposium –*

14:00 - 15:30

*Invited Lecture & Free Papers – Sports Medicine: Knee Arthroscopy*

*Moderators:*

Vikas KHANDUJA (UNITED KINGDOM), William RODKEY (UNITED STATES)

*Invited Speaker*

**MULTILIGAMENT INJURIES OF THE KNEE**

Vikas KHANDUJA (UNITED KINGDOM)

**34659 COMPARISON BETWEEN FUNCTIONAL OUTCOMES OF QUADRUPLE BUNDLE SEMITENDINOSUS GRAFT VS DOUBLE BUNDLE SEMITENDINOSUS – GRACILIS GRAFT IN ARTHROSCOPIC ACL RECONSTRUCTION OF THE KNEE**

Mandar RAILKAR, Prateek GOYAL, Rahul SAPRA, R.K. VERMA (INDIA)

**34401 ANATOMICAL VS TRANSTIBIAL TUNNELING TECHNIQUES FOR ARTHROSCOPIC ACL RECONSTRUCTION – A STUDY IN INDIAN POPULATION**

Electricwala ALI, Electricwala JAFFER (INDIA)

**35155 COMBINED ANTERIOR CRUCIATE LIGAMENT, POSTERIOR CRUCIATE LIGAMENT, AND POSTEROLATERAL CORNER/MEDIAL COLLATERAL LIGAMENT RECONSTRUCTION WITH AUTOGENOUS HAMSTRINGS GRAFTS IN CHRONIC MULTILIGAMENTOUS INJURED KNEE**

Amrut BORADE, Rajiv GUPTA (INDIA)

**33932 THE SINGLE-TUNNEL SUTURE FIXATION OF POSTERIOR CRUCIATE LIGAMENT AVULSION FRACTURE**

Atul JAIN, Navneet GOEL, Dhananjaya SABAT (INDIA)

**33962 AUTOLOGOUS IL1-RA AND SEVERAL GROWTH FACTORS INFLUENCE ON RESULT AFTER DOUBLE BUNDLE ACL SURGERY**

Nikica DARABOS<sup>1</sup>, Miroslav HASPL<sup>1</sup>, Denis TRSEK<sup>1</sup>, Esmat ELABJER<sup>1</sup>, Carsten MOSER<sup>2</sup>, Aljosa MATEJIC<sup>1</sup>  
<sup>1</sup>(CROATIA), <sup>2</sup>(GERMANY)

**34313 EFFECT OF LESION SIZE ON CLINICAL OUTCOMES AFTER MICROFRACTURE: A 2- TO 8-YEAR FOLLOW-UP STUDY**

William RODKEY, Karen BRIGGS, Richard STEADMAN (UNITED STATES)

**34554 FEMORAL RADIOGRAPHIC LANDMARKS FOR POPLITEUS TENDON RECONSTRUCTION AND REPAIR – A NEW METHOD OF REFERENCE**

Wai Pan YAU (HONG KONG)

**35536 RESULTS OF ARTHROSCOPIC INTERNAL DRAINAGE OF POPLITEAL CYST IN ADULT PATIENTS**

Shiv CHOUKSEY, Parag GARG (INDIA)

15:30 - 16:00 *Break*

16:00 - 16:30 *Plenary Lecture – S. Rajasekaran (in Hall 3)*

**MEDICINE – FOR WHOSE BENEFIT?**

S. RAJASEKARAN (INDIA)

16:30 - 18:00 *Free Papers – Sports Medicine: Arthroscopy & General*

*Moderator:*

Nicola SANTORI (ITALY)

**33617 HIP ARTHROSCOPIC SURGERY FOR IMPINGEMENT**

Satish SONAR (INDIA)

- 35607 DOES HIP MOTION RANGE AFTER ARTHROSCOPIC SURGERY DEPEND ON THE EXTENT OF CAM IMPINGEMENT RESECTION?**  
Jonghyun KHO, Myungsik PARK, Sunjung YOON (SOUTH KOREA)
- 34890 ARTHROSCOPIC TREATMENT OF FEMOROACETABULAR IMPINGEMENT: 5 TO 8 YEARS' FOLLOW-UP**  
Nicola SANTORI, Antonio BERTINO, Domenico POTESTIO (ITALY)
- 34973 THE ENDOSCOPIC MANAGEMENT OF THE SCIATIC NERVE COMPRESSION SYNDROME**  
Jonghyun KHO, Myungsik PARK, Sunjung YOON (SOUTH KOREA)
- 35332 CLINICAL OUTCOME OF ARTHROSCOPIC OUTSIDE-IN REPAIR OF TRAUMATIC PERIPHERAL TFCC TEARS**  
Hesham ELKADY, Hatem G.SAID, Amr ALSYD ALI, Maysra BAYOUMY (EGYPT)
- 35397 EFFECTIVENESS OF PLATELET RICH PLASMA INJECTIONS COMPARED WITH STEROID INJECTION IN TREATMENT OF LATERAL EPICONDYLITIS (TENNIS ELBOW)**  
Ramakanth RAJAGOPALAKRISHNAN, Prasad SORAGANVI, Narayan GOWDA B.S. (INDIA)
- 34017 A RANDOMIZED CONTROL TRIAL EVALUATING THE EFFICACY OF A SINGLE ULTRASOUND GUIDED INJECTION OF PRP-4B IN RESISTANT LATERAL EPICONDYLAR TENDINOPATHY**  
Prateek BEHERA, Mandeep DHILLON, Sameer AGGARWAL (INDIA)
- 34150 MA & GRIFFITH PERCUTANEOUS SUTURE OF ACUTE ACHILLES TENDON RUPTURE WITH EARLY WEIGHT BEARING – A STUDY OF 60 CASES**  
Jean Louis ROUVILLAIN, Thomas NAVARRE, Octavio LABRADA BLANCO, Emmanuel GARRON, Chafiq ZEKHNINI, Charles SENLECC (MARTINIQUE)
- 34888 DOES HYALURONIC ACID HAVE AN ADDITIONAL EFFECT ON FUNCTIONAL SCORES AT TALUS OSTEOCHONDRAL LESIONS AFTER MICROFRACTURE METHOD?**  
Osman TECIMEL, Ahmet FIRAT, Cetin ISIK, Ramazan AKMESE, Alper DEVECI, Ismail DEMIRKALE, Murat BOZKURT (TURKEY)

# Friday, 18 October

## Hall 2

08:30 - 10:00 *Symposium – Knee: Total Knee Arthroplasty in Asia*

*Moderator:*

Sanjiv K.S. MARYA (INDIA)

**PAST, PRESENT & FUTURE TRENDS IN TKA**

Chitranjan RANAWAT (UNITED STATES)

**MANAGEMENT OF SEVERE DEFORMITIES IN TKR IN ASIAN PATIENTS**

S. NOOR (PAKISTAN)

**EXPERIENCE WITH PFJ IN ASIAN PATIENTS**

Darren TAY (SINGAPORE)

**SURGICAL MANAGEMENT IN RHEUMATOID ARTHRITIC KNEE IN ASIA**

Andri LUBIS (INDONESIA)

**MANAGING KNEE INFECTION IN ASIAN PATIENTS**

David CHOON (MALAYSIA)

**CAS IN ASIAN PATIENTS**

R. MANIAR (INDIA)

**RANDOMIZED CONTROLLED TRIAL COMPARING TRUMATCH & CONVENTIONAL INSTRUMENTS IN TKA**

Chun Hoi YAN (HONG KONG)

**TYPICAL ASIAN CASE**

Sanjiv K.S. MARYA (INDIA)

10:00 - 10:30 *Break*

10:30 - 12:00 *Invited Lectures & Free Papers – Knee: Total Knee Arthroplasty I*

*Moderator:*

Laurent SEDEL (FRANCE)

*Invited Speaker* **ASSESSMENT OF PARTICLE INDUCED REACTIVE SYNOVITIS IN FIXED AND MOBILE BEARING POSTERIOR-STABILIZED DESIGNS: A 10-YEAR PROSPECTIVE MATCHED-PAIR MRI STUDY**



Chitranjan RANAWAT, Morteza MEFTAH, Hollis POTTER, Anil RANAWAT (UNITED STATES)

*Invited Speaker*

**CONVENTIONAL ALIGNMENT VS. NAVIGATION SYSTEM IN TKA**  
Harsimran SINGH (INDIA)

**35802 STREAMLINING TOTAL KNEE ARTHROPLASTY USING COMPUTER-ASSISTED SURGERY**

David LIONBERGER (UNITED STATES)

**35329 AXIS FOR TIBIAL COMPONENT ALIGNMENT IN TOTAL KNEE ARTHROPLASTY**

Mohammad Shahnawaz KHAN<sup>1</sup>, Jong Keun SEON<sup>2</sup>, Eun Kyoo SONG<sup>2</sup>

<sup>1</sup>(UNITED KINGDOM), <sup>2</sup>(SOUTH KOREA)

**34421 THE EFFECTS OF TIBIOFEMORAL COMPONENTS IN HYPEREXTENSION ON KINEMATICS OF TKA**

Zhiwei WANG<sup>1</sup>, Chengkung CHENG<sup>2</sup>, Tiebing QU<sup>1</sup>

<sup>1</sup>(CHINA), <sup>2</sup>(TAIWAN)

**35377 LONG-TERM CLINICAL RESULTS OF AN ORIGINAL MOBILE BEARING KNEE WITH FULL CONTACT AND MOBILITY**

Laurent SEDEL, Steeve SULIMOVIC (FRANCE)

**34372 IN VIVO FUNCTION OF POSTERIOR CRUCIATE LIGAMENT (PCL) BEFORE AND AFTER PCL-RETAINING TOTAL KNEE ARTHROPLASTY**

Bing YUE<sup>1</sup>, Li GUOAN<sup>2</sup>

<sup>1</sup>(CHINA), <sup>2</sup>(UNITED STATES)

**35857 PATIENT SATISFACTION AND OUTCOME AFTER SEPTIC VERSUS ASEPTIC REVISION TOTAL KNEE ARTHROPLASTY – COMPARATIVE STUDY AT A MEAN FOLLOW-UP OF 8.5 YEARS**

Deepak THAKUR, Simon THOMAS, Shekhar SHRIVASTAV, Shekhar AGARWAL (INDIA)

**35861 THE ROLE OF TRANEXAMIC ACID IN REDUCING POSTOPERATIVE BLOOD LOSS IN PATIENTS UNDERGOING STAGED BILATERAL TOTAL KNEE REPLACEMENT**

Kalaivanan KANNIYAN, Anshul DAHUJA, Jaswinder Pal Singh WALIA (INDIA)

12:00 - 12:30

*Plenary Lecture – Steffen Ruchholtz (in Hall 3)*

**MODERN MANAGEMENT OF POLYTRAUMA PATIENTS**

Steffen RUCHHOLTZ (GERMANY)

12:30 - 14:00

*Smith & Nephew Industry Symposium – Trauma*

14:00 - 15:30

*Invited Lecture & Free Papers – Knee: Total Knee Arthroplasty II*

*Moderators:*

Miroslav HASPL (CROATIA), Vikash KAPOOR (INDIA)

*Invited Speaker*

**PITFALLS/COMPLICATIONS IN TKA**

Vikash KAPOOR (INDIA)

**34773 RESULTS OF 447 MOBILE WEIGHT-BEARING TKA, WITH A FOLLOW-UP FROM 5 TO 9.5 YEARS**

Frederic CHÂTAÏN, Thierry GAILLARD, Stephane DENJEAN, Group SCOR (FRANCE)

**34169 NEW TECHNOLOGIES IN TOTAL KNEE REPLACEMENT: PROSPECTIVE STUDY OF 20 PRE-NAVIGATED TOTAL KNEE REPLACEMENT WITH MEDIUM FOLLOW-UP OF 18 MONTHS**

Cesare CHEMELLO, Giovanni COSTACURTA, Nicola CALZAVARA, Enrico SCALCO (ITALY)

**33563 TOTAL KNEE ARTHROPLASTY IN SEVERE FIXED FLEXION DEFORMITY**

Saurabh AGARWAL, Rajeev Kumar SHARMA (INDIA)

**34026 RESULTS OF A RANDOMISED CONTROLLED TRIAL COMPARING THE PITHING TECHNIQUE FOR MEDIAL COLLATERAL LIGAMENT BALANCING WITH THE SUBPERIOSTEAL RELEASE IN TOTAL KNEE REPLACEMENT**

Mrinal SHARMA, Yatinder KHARBANDA (INDIA)

**34249 WHETHER GRADES OF DEGENERATIVE CARTILAGE AFFECTS THE CLINICAL OUTCOMES AFTER TKA WITHOUT PATELLAR RESURFACING**

Guo-Chun ZHA, Jun-Ying SUN (CHINA)

**35217 PATELLA MANAGEMENT IN REVISION KNEE ARTHROPLASTY**

Maik HOBERG, Felix MASSIG, Stefanie BRIESKE, Arno FRANZ, Frank HAHN, Maximilian RUDERT (GERMANY)

**35183 BONE DEFECT TREATMENT IN REVISION KNEE ARTHROPLASTY**

Miroslav HASPL, Denis TRSEK (CROATIA)

**34154 FAILED TKA IN RELATION TO METAL IONS ALLERGY: REVISION WITH A SURFACE-COATED TKA**

Patrice MERTL, Jerome TAVIAUX, Jean François LARDANCHET, Benoit BRUNSCHWEILER, Antoine GABRION, Eric HAVET (FRANCE)

**34568 A BIMODAL APPROACH TO BLOOD MANAGEMENT DECREASES THE RISK OF TRANSFUSION AFTER TOTAL KNEE REPLACEMENT**  
Zachary POST, Fabio OROZCO, Victoria YOUNGER, Omkar BAXI, Alvin ONG (UNITED STATES)

15:30 - 16:00 *Break*

16:00 - 16:30 *Plenary Lecture – S. Rajasekaran (in Hall 3)*

**MEDICINE – FOR WHOSE BENEFIT?**  
S. RAJASEKARAN (INDIA)

16:30 - 18:00 *Invited Lectures & Free Papers – Knee: Total Knee Arthroplasty III*

*Moderators:*  
David LIONBERGER (UNITED STATES), Gurva REDDY (INDIA)

*Invited Speaker* **WHY KNEES FAIL?**  
Shekhar AGARWAL (INDIA)

*Invited Speaker* **MANAGEMENT OF VALGUS KNEE**  
Kanchan BHATTACHARYA (INDIA)

*Invited Speaker* **VARUS/VALGUS/FLEXION/HYPEREXTENSION CORRECTION MODULES IN TKR**  
Sreedhar ARCHIK (INDIA)

**35804 IS COMPUTER-ASSISTED SURGERY WORTH USING IN REVISION TOTAL KNEE ARTHROPLASTY?**  
David LIONBERGER, Payal PANDIT TALATI (UNITED STATES)

**34106 IN VIVO GAP ANALYSIS OF THREE DIFFERENT PATELLA POSITIONS DURING NAVIGATION-ASSISTED TOTAL KNEE ARTHROPLASTY**  
Jae-Hyuk YANG, Jung-Ro YOON, Woo-Seung LEE, Gi-Won CHOI (SOUTH KOREA)

**34667 SHORT- VERSUS LONG-DURATION TOURNIQUET USE DURING TOTAL KNEE REPLACEMENT (TKR) – A RANDOMIZED CONTROLLED STUDY**  
Santoshkumar HAKKALAMANI, Nikhil PRADHAN, Vicky CLARKE (UNITED KINGDOM)

**34116 ROLE OF TRANEXAMIC ACID IN REDUCING BLOOD LOSS IN TOTAL KNEE ARTHROPLASTY: A PROSPECTIVE, RANDOMIZED, DOUBLE-BLIND STUDY ON PERFECTLY MATCHED GROUPS**  
Rahul KHANNA (INDIA)

**33832 COMPARATIVE ANALYSIS OF CONTINUOUS INTRA-ARTICULAR  
INFUSION ANALGESIA VS EPIDURAL ANALGESIA FOR IMMEDIATE  
POSTOPERATIVE PAIN AFTER TOTAL KNEE REPLACEMENT**  
Hrushikesh SARAF, Sarang KASTURE (INDIA)

# Friday, 18 October

## Hall 5

08:30 - 10:00

### *Symposium – Foot & Ankle: Deformities - Challenges & Remedies*

*Moderator:*

Shankar S. JHA (INDIA)

#### **THE ACQUIRED ADULT FLAT FOOT: POSTERIOR TIBIAL TENDON DYSFUNCTION**

Inderjeet Singh RIKHRAJ (SINGAPORE)

#### **MANAGEMENT OF NEUROMUSCULAR DEFORMITY OF THE FOOT**

Henry Siu Fai YIP (HONG KONG)

#### **TOTAL ANKLE REPLACEMENT**

Federico USUELLI (ITALY)

#### **HALLUX VALGUS – ARE WE ZEROING ON SURGICAL MODALITY?**

Kwai Ming SIU (HONG KONG)

#### **OSTEOTOMIES IN POST TRAUMA HINDFOOT DEFORMITIES**

Mandeep DHILLON (INDIA)

#### **LESSER TOE DEFORMITIES OF FOREFOOT**

Thiruppathy V. RAJA (INDIA)

#### **EQUINO-CAVUS DEFORMITY: IS ILIZAROV THE FINAL ANSWER?**

Ram Avtar AGRAWAL (INDIA)

#### **FOOT DEFORMITIES IN DIABETES: PREDICTION & PREVENTION IN OPTIMIZING MANAGEMENT**

Amod Pal SINGH (INDIA)

#### **BURDEN OF COMPLEX EQUINOVARUS DEFORMITY: EVALUATION & REMEDIES**

Manish KHANNA (INDIA)

10:00 - 10:30

*Break*

10:30 - 12:00

### *Free Papers – Foot & Ankle: Reconstruction*

*Moderator:*

Mandeep DHILLON (INDIA)

- 35890 ANTHROPOMETRY OF BOTH MALLEOLI**  
Shamikh Muneer Ghaus-UI RAZA, Haroon K.T. RAZA (INDIA)
- 35799 ARTHROSCOPIC ANKLE ARTHRODESIS – A CASE SERIES**  
Maheswara AKULA, Nikolaos GOUGOULIAS (UNITED KINGDOM)
- 34077 REVISION OF FAILED SCANDINAVIAN TOTAL ANKLE REPLACEMENT (STAR)**  
Dakshinamurthy SUNDERAMOORTHY, Haroon MAJEED, Sunil DHAR (UNITED KINGDOM)
- 33780 RESULTS OF ANKLE AND HINDFOOT ARTHRODESIS IN NEUROPATHIC DISORDERS**  
Balvinder RANA, Rajgopal ASHOK (INDIA)
- 35938 COMPLEX MIDFOOT ARTHRODESIS**  
Maheswara AKULA, Nikolaos GOUGOULIAS (UNITED KINGDOM)
- 35063 SURGICAL MANAGEMENT OF SECONDARY SKEWFOOT AFTER PRIMARY TREATMENT OF CLUBFOOT IN CHILDREN**  
Irina KLYCHKOVA, Vladimir KENIS, Nadezda KOVALENKO-KLYCHKOVA (RUSSIA)
- 35096 SURGICAL CORRECTION OF CONGENITAL FIRST METATARSAL DEFORMITIES IN CHILDREN**  
Irina KLYCHKOVA, Nadezda KOVALENKO-KLYCHKOVA, Mihail KONYUKHOV, Vladimir KENIS (RUSSIA)
- 33922 SHORT SCARF OSTEOTOMY FOR HALLUX VALGUS – MEDIUM TERM RESULTS**  
Rajesh RACHHA, Rakesh DALAL, Saqib JAVED, Zuned HAKIM, Ajay CHOURASIA (UNITED KINGDOM)
- 34159 RESULTS OF A SURGICAL STRATEGY FOR SALVAGE OF FAILED SILASTIC JOINT REPLACEMENTS**  
Rajesh RACHHA, Omar ALASAWAF, Gerard LATTOUF, Saqib JAVED, Amer SHOAB (UNITED KINGDOM)
- 34241 FUNCTIONAL OUTCOME AFTER OPEN REPAIR OF TENDO ACHILLES RUPTURE – A PROSPECTIVE STUDY OF 16 CASES**  
Sandeep KASHYAP, Mukand LAL (INDIA)
- 34165 DO OLDER PATIENTS BENEFIT DISPROPORTIONATELY MORE FROM ACHILLES TENDON REPAIR?**  
Rajesh RACHHA, Zuned HAKIM, Cezary KOCIALKOWSKI, Amer SHOAB (UNITED KINGDOM)

## MODERN MANAGEMENT OF POLYTRAUMA PATIENTS

Steffen RUCHHOLTZ (GERMANY)

12:30 - 14:00 *Break*

14:00 - 15:30 *Free Papers – Foot & Ankle: Trauma & Reconstruction*

*Moderator:*

Manish KHANNA (INDIA)

**35958 SOFT TISSUE SWELLING AFTER ANKLE FRACTURES: AN AUDIT ON TIMING OF SURGERY, LENGTH OF HOSPITAL STAY AND THE ECONOMIC BURDEN**

Ali NAJEFI, Mohamed SUKEIK, Pranab SINHA, Krishna VEMULAPALLI (UNITED KINGDOM)

**35925 THE “SAGITTAL SHIFT” TEST IS NOT MORE RELIABLE THAN THE STANDARD HOOK TEST IN DIAGNOSING TIBIOFIBULAR SYNDESMOTIC INSTABILITY**

Prasad ELLANTI, Nikos DAVARINOS, Mary CONNOLLY, Priyanka ELLANTI, Seamus MORRIS (IRELAND)

**34546 A RETROSPECTIVE STUDY OF 13 MISDIAGNOSED POSTERIOR PILON FRACTURE TREATED AS TRIMALLEOLAR FRACTURE**

Li CHEN, Xin MA, Xu WANG, Jia-Zhang HUANG, Chao ZHANG (CHINA)

**34459 NEW TECHNIQUE OF PERCUTANEOUS FIXATION OF DISPLACED INTRA-ARTICULAR CALCANEAL FRACTURE**

Anjan PAN (INDIA)

**34999 LONG-TERM FOLLOW-UP AFTER OPEN REDUCTION OF CALCANEAL FRACTURES: COHORT STUDY OF 48 CASES**

Aleh KORZUN, Alexander BELETSKY, Alexandre SITNIK, Alexander LIOV (BELARUS)

**34881 CLINICAL OUTCOMES OF ANTERIOR OPEN REDUCTION AND POSTERIOR PERCUTANEOUS SCREW FIXATION FOR DISPLACED TALAR NECK FRACTURES**

Su-Ri CHONG, Byung-Ki CHO, Yong-Min KIM, Eun-Myoung LEE (SOUTH KOREA)

**34247 FUNCTIONAL OUTCOME AFTER EARLY OPEN REDUCTION AND FIXATION OF TARSOMETATARSAL (LISFRANCS) INJURIES – A PROSPECTIVE STUDY OF 52 CASES**

Sandeep KASHYAP (INDIA)

**34751 A COMPARISON STUDY OF TWO DIFFERENT SCREWS UTILIZED IN ARTHRODESIS OF FIRST METATARSOPHALANGEAL JOINT**

Ashwanth RAMESH, Farschid MALEKI, Johnny MCKENNA, Kate HUNTER (IRELAND)

**34673 META-ANALYSIS OF TREATMENT OF ACHILLES TENDON RUPTURE WITH SUB-GROUP ANALYSIS OF ACCELERATED REHABILITATION STUDIES**

Umar ABDULMAJID, Sanjeev SABHARWAL, Nirav PATEL, Ivor VANHEGAN, Mathew BALDWIN, Davinder Paul BAGHLA (UNITED KINGDOM)

**34282 EFFECTIVENESS OF STEROID INJECTION IN MORTON'S NEUROMA**

Dheeraj MAKKAR, Hak Jun KIM (SOUTH KOREA)

15:30 - 16:00 *Break*

16:00 - 16:30 *Plenary Lecture – S. Rajasekaran (in Hall 3)*

**MEDICINE – FOR WHOSE BENEFIT?**

S. RAJASEKARAN (INDIA)

16:30 - 18:00 *Symposium – Surgical Safety for the Orthopaedic Patient*

*Moderator:*

Cyril MAUFFREY (UNITED STATES)

**THE NEED FOR A CULTURAL SHIFT**

Cyril MAUFFREY (UNITED STATES)

**THE UNIVERSAL PROTOCOL: PITFALLS AND PEARLS**

Hans Christophe PAPE (GERMANY)

**DOS AND DON'TS**

Ashok JOHARI (INDIA)

**SOUTH AMERICAN PERSPECTIVE**

Fernando BALDY (BRAZIL)



# Friday, 18 October

## Hall 6

08:30 - 10:00 *Instructional Course – Spine: Aging Spine*

*Moderator:*

Keith LUK (HONG KONG)

**COMPLEX LUMBAR CANAL STENOSIS – DIAGNOSIS AND MANAGEMENT**

Cody BÜNGER (DENMARK)

**DRUG THERAPY OF OSTEOPOROSIS**

J. NARESH-BABU (INDIA)

**KYPHOPLASTY FOR THE TREATMENT OF NON-UNION OF OSTEOPOROTIC VERTEBRAL COMPRESSION FRACTURE (OVCF)**

Hulian YANG (CHINA)

**SURGERY IN OSTEOPOROTIC SPINE – HOW TO PREVENT FAILURE**

Cagatay OZTURK (TUNISIA)

**MANAGING SPINAL METASTASIS**

Cody BÜNGER (DENMARK)

**MANAGEMENT OF DEGENERATIVE SCOLIOSIS**

Kamil Cagri KOSE (INDIA)

10:00 - 10:30 *Break*

10:30 - 12:00 *Free Papers – Spine: Lumbar Degenerative*

*Moderators:*

*(to be confirmed)*

**35409 THE ANATOMY OF FAILURE IN LUMBAR DISC HERNIATION – AN IN-VIVO, MULTI-MODAL, PROSPECTIVE STUDY OF 181 SUBJECTS**

S. RAJASEKARAN, Nipun BAJAJ, Vijay TUBAKI, RISHI M. KANNA, Ajoy P. SHETTY (INDIA)

**35112 THE BAND-AID LUMBAR DISCECTOMY: TECHNIQUE & RESULTS OF 188 CASES**

Anupreet BASSI, Shashidhar BANGALORE KANTHARAJANNA, Abhilash DHRUV, Arvind KULKARNI (INDIA)

- 35358 COMPLICATIONS OF INTERSPINOUS IMPLANTS FOR DEGENERATIVE LUMBAR DISEASE**  
Haolin SUN<sup>1</sup>, Chunde LI<sup>1</sup>, Cody BÜNGER<sup>2</sup>  
<sup>1</sup>(CHINA), <sup>2</sup>(DENMARK)
- 35359 CLINICAL CHARACTERISTICS AND REOPERATION OF SYMPTOMATIC ADJACENT SEGMENT DEGENERATION POST-OPERATION OF LUMBAR FUSION**  
Haolin SUN<sup>1</sup>, Chunde LI<sup>1</sup>, Cody BÜNGER<sup>2</sup>  
<sup>1</sup>(CHINA), <sup>2</sup>(DENMARK)
- 35279 INFLUENCES OF THE POSTERIOR LUMBAR INTERBODY FUSION AND POSTEROLATERAL FUSION ON THE SPINO-PELVIC SAGITTAL BALANCE IN L5-S1 ISTHMIC SPONDYLOLISTHESIS**  
Yu FENG, Liang CHEN, Yong GU, Huilin YANG (CHINA)
- 34452 THE COMPARISONS BETWEEN THE CLINICAL OUTCOMES OF PRECISE DECOMPRESSION WITH NON-FUSION OPERATION AND TRADITIONAL FUSION OPERATION FOR SINGLE-SEGMENTAL SPINAL STENOSIS IN THE AGED**  
Ji WU (CHINA)
- 34097 TREATMENT OF DEGENERATIVE LUMBAR SPINE STENOSIS BY MODIFIED UNILATERAL APPROACH FOR BILATERAL DECOMPRESSION UNDER MICROENDOSCOPE**  
Dadi JIN, Qingchu LI, Huibo YAN, Zezheng LIU (CHINA)
- 34831 COMPARISON OF PERCUTANEOUS AND CONVENTIONAL OPEN PEDICLE SCREW FIXATION IN LUMBAR SPINAL CANAL STENOSIS**  
Masatoshi MORIMOTO, Akihiro NAGAMACHI, Yoshinori TAKAHASHI, Akihiro NITTA, Toru ENDO (JAPAN)
- 34975 A PROSPECTIVE RANDOMIZED COMPARATIVE STUDY OF PLIF VS TLIF IN THE MANAGEMENT OF SPONDYLOLISTHESIS**  
Dinesh CHOUDARY, Pandian SELVARAJ (INDIA)
- 35288 DURAL TEARS: IS RIGID PRIMARY CLOSURE MANDATORY IN ALL CASES?**  
Janardhana Parampalli AITHALA (INDIA)

12:00 - 12:30

*Plenary Lecture – Steffen Ruchholtz (in Hall 3)*

**MODERN MANAGEMENT OF POLYTRAUMA PATIENTS**  
Steffen RUCHHOLTZ (GERMANY)

12:30 - 14:00

*DePuy Synthes Industry Symposium – Knee*

14:00 - 15:30

*Free Papers – Spine: Degenerative*

*Moderators:*

Raghav Dutt MULUKUTLA (INDIA), Jie ZHAO (CHINA)

**35614 MICROENDOSCOPIC DECOMPRESSION: A MODIFICATION OF THE STANDARD TECHNIQUE IN THE TREATMENT OF LUMBAR CANAL STENOSIS**

Abhilash DHRUV, Anupreet BASSI, Shashidhar BANGALORE KANTHARAJANNA, Arvind KULKARNI (INDIA)

**34657 UNCONVENTIONAL POSITIONING IN MICROENDOSCOPIC DECOMPRESSION FOR LUMBAR CANAL STENOSIS AND ITS IMPACT ON PATIENT SATISFACTION**

Shashidhar BANGALORE KANTHARAJANNA, Arvind KULKARNI, Abhilash DHRUV, Anupreet BASSI (INDIA)

**34639 INDICATION OF REMOVING THE POSTERIOR LONGITUDINAL LIGAMENT IN ANTERIOR DECOMPRESSION FOR CERVICAL SPONDYLOTIC MYELOPATHY**

Qingsan ZHU, Fei YIN, Dongxu ZHAO (CHINA)

**34259 ANTERIOR CERVICAL SURGERY: FUSION OR NON-FUSION? A META-ANALYSIS OF CERVICAL DISC REPLACEMENT VERSUS FUSION FOR SINGLE-LEVEL CERVICAL DEGENERATIVE DISC DISEASE**

Hua JIANG, Zengming XIAO (CHINA)

**34711 SURGICAL RESULTS FOR THORACIC MYELOPATHY CAUSED BY SEVERE OSSIFICATION OF THE POSTERIOR LONGITUDINAL LIGAMENT**

Jie ZHAO, Wei SUN, Youzhuan XIE, Changqing ZHAO, Hua LI, Kai ZHANG, Wei DING (CHINA)

**33825 ASSESSING FUSION STATUS AFTER POSTERIOR LUMBAR INTERBODY FUSION BY COMPUTED TOMOGRAPHY-SCAN IN EXTENSION POSITION**

Keisuke TOMITA, Yasutsugu YUKAWA, Keigo ITO, Masaaki MACHINO, Akinori KOBAYAKAWA, Taro MATSUMOTO, Jun OUCHIDA, Fumihiko KATO (JAPAN)

**34969 POSTERIOR DISC HEIGHT AND FORAMINAL DIMENSIONS FOLLOWING INSWING® INTERSPINOUS SPACER INSERTION**

Cristian NITA, Cyrus JENSEN, Andrew BERG, Tamir ALI, Guru REDDY, Tai FRIESEM, Raju PEDDADA (UNITED KINGDOM)

**34690 BIOMECHANICAL ANALYSIS FOR USING A NANO-HYDROXYAPATITE/POLYAMIDE-66 (N-HA/PA66)**

**INTERVERTEBRAL CAGE IN TRANSFORAMINAL LUMBAR  
INTERBODY FUSION (TLIF)**

Liang WANG, Yueming SONG (CHINA)

**34682 ANALYSIS OF ADJACENT SEGMENT STABILITY AFTER RESTORED  
DISC HEIGHT SPACE USING UNILATERAL TLIF**

Jie ZHAO, Liang XUAN, Kai ZHANG, Changqing ZHAO (CHINA)

15:30 - 16:00 *Break*

16:00 - 16:30 *Plenary Lecture – S. Rajasekaran (in Hall 3)*

**MEDICINE – FOR WHOSE BENEFIT?**

S. RAJASEKARAN (INDIA)

16:30 - 18:00 *Free Papers – Spine: Infections*

*Moderators:*

Anil JAIN (INDIA), Fred Mathew Toboso OTSYENO (KENYA)

**34238 STUDY OF CRANIOVERTEBRAL JUNCTION TUBERCULOSIS  
THROUGH ITS NATURAL HISTORY AND A PROPOSED  
MODIFICATION IN LIFESO'S CLASSIFICATION**

Mohamed A. SHAFIQ, Mihir BAPAT, Kiran PAKNIKAR, Viral  
PAPAIYA, Musale VILAS (INDIA)

**35027 CRANIOVERTEBRAL TUBERCULOSIS – REVIEW OF 34 CASES IN  
THE PAEDIATRIC AGE GROUP**

Somnath MUKHERJEE, Sandip CHATTERJEE (INDIA)

**34392 SURGICAL MANAGEMENT OF POTT'S PARAPLEGIA**

Sudhir Kumar MAHAPATRA, Madan Mohan SAHOO, Gopal  
Chandra SETHI, Sunil Kumar DASH (INDIA)

**34850 TUBERCULOSIS OF THE LUMBOSACRAL JUNCTION – A  
PROPOSED NOVEL CLASSIFICATION BASED ON SURGICAL  
TREATMENT STRATEGIES**

Aju BOSCO, Nalli UVARAJ (INDIA)

**34606 TREATMENT OF INTRASPINAL TUBERCULOMA**

Anil JAIN, Ish Kumar DHAMMI, Sudhir KUMAR (INDIA)

**33904 POSTERIOR HEMIVERTEBRECTOMY IN POST TUBERCULAR  
SPINAL INFECTION**

Gaurav SANJAY, B.K.S. SANJAY, Hema BAFILA (INDIA)

**35144 WOUND COMPLICATIONS OF SPINAL IMPLANTS IN  
TUBERCULOSIS OF THE SPINE**

Fred Mathew Toboso OTSYENO, John Ernest Oluoch ATING'A,  
Vincent Muoki MUTISO (KENYA)

**34475 EVALUATION OF SOURCE OF CONTAMINATION IN PRESSURE  
ULCERS AND ROLE OF PLATE RICH PLASMA IN CONTROLLING  
INFECTIONS**

Roop SINGH (INDIA)

**33539 PERCUTANEOUS DRAINAGE COMBINED WITH HYPERBARIC  
OXYGEN THERAPY FOR PYOGENIC SPONDYLITIS WITH ILIOPSOAS  
ABSCESS**

Katsuhiko TOFUKU, Koga HIROAKI, Setsuro KOMIYA (JAPAN)

# Friday, 18 October

## MR G.01 & MR G.02

08:30 - 10:00 *Instructional Course – Tumours: Oncological Surgery*

*Moderator:*

Dominique POITOUT (FRANCE)

**OVERALL APPROACH/TREATMENT PLANNING TO A PATIENT WITH A RADIOLOGICAL LESION**

Ajay PURI (INDIA)

**BIOPSY TECHNIQUES**

Dominique POITOUT (FRANCE)

**DECISION-MAKING IN BENIGN TUMOURS**

Coonoor CHANDRASEKAR (UNITED KINGDOM)

**MULTIMODALITY APPROACH IN MALIGNANT TUMOURS**

Shekhar KUMTA (HONG KONG)

**PROCESSING OF ALLOGRAFTS AND ALLOGRAFT RECONSTRUCTIONS – MASSIVE METALLIC PROSTHESIS RECONSTRUCTIONS**

Dominique POITOUT (FRANCE)

**RECONSTRUCTION IN CHILDREN**

Ajay PURI (INDIA)

**PRINCIPLES OF MANAGEMENT OF METASTATIC DISEASE**

Vivek SINGH (MALAYSIA)

**PRINCIPLES OF MANAGEMENT OF EXTREMITY SOFT TISSUE SARCOMAS**

Coonoor CHANDRASEKAR (UNITED KINGDOM)

**PANEL DISCUSSION**

10:00 - 10:30 *Break*

10:30 - 12:00 *Free Papers – Tumours I*

*Moderators:*

Mourad HAMIDANI (ALGERIA), Shishir RASTOGI (INDIA)

- 35756 MUSCULOSKELETAL TUMOURS PRESENTING TO A KNEE SERVICE OVER 10 YEARS: A RETROSPECTIVE REVIEW OF PRACTICE**  
Samer S.S. MAHMOUD, Michael J. MCNICHOLAS (UNITED KINGDOM)
- 35222 COMPARATIVE SHORT-TERM AND LONG-TERM FOLLOW-UP STUDY OF CLINICAL AND FUNCTIONAL OUTCOMES IN ARTHRODESIS OF KNEE VERSUS ARTHROPLASTY FOLLOWING EXCISION OF MALIGNANT AND AGGRESSIVE BENIGN BONE TUMOURS**  
Shishir RASTOGI, Abhinav AGARWAL (INDIA)
- 34551 CLINICAL OUTCOME OF AGED PATIENTS WITH PRIMARY MALIGNANT BONE AND SOFT TISSUE TUMOURS OVER 75 YEARS OLD**  
Tadashi IWAI (JAPAN)
- 34474 CLINICAL ANALYSIS ON 103 CASES OF OSTEOSARCOMA IN LIMBS SALVAGED WITH MASSIVE FROZEN ALLOGRAFTS TRANSPLANTATION**  
Fan TANG, Yi LUO, Jing PENG, Yi WEN, Chongqi TU (CHINA)
- 34793 SURVIVAL AFTER METASTATIC SPINAL DISEASE – SURVIVAL OF COMMON TUMOURS BASED ON OSWESTRY RISK INDEX**  
Anuj JAISWAL, Birender BALAIN, Jayesh TRIVEDI, Stephen EISENSTEIN, Jan-Herman KUIPER, David JAFFRAY (UNITED KINGDOM)
- 34178 PELVIC SARCOMAS SURGICAL TREATMENT AND PROGNOSIS OF ABOUT 8 CASES**  
Mourad HAMIDANI, Mohamed MEDJDOUB, Fouzia TOUATI, Nassima BELHABIB (ALGERIA)
- 33721 CAN CLINICAL ASSESSMENT PREDICT THE HISTOLOGICAL RESPONSE OF MALIGNANT BONE TUMOURS TO PREOPERATIVE CHEMOTHERAPY?**  
Amit PRIYADARSHI (INDIA)
- 34775 THE PREDICTIVE VALUE OF SUBTYPES OF HORMONE RECEPTOR AND HER-2 FOR PATIENTS UNDERGOING SPINAL SURGERY FOR METASTATIC BREAST CANCER**  
Miao WANG, Anders Bonde JENSEN, Chunsen WU, Søren Schmidt MORGEN, Ming SUN, Haisheng LI, Benny DAHL, Cody BÜNGER (DENMARK)
- 35470 A CENTRE EXPERIENCE OF INTERSTITIAL PERMANENT I125 BRACHYTHERAPY FOR EXTREMITY SOFT TISSUE SARCOMAS**  
Cheng REN, Hong DUAN (CHINA)

12:00 - 12:30 *Plenary Lecture – Steffen Ruchholtz (in Hall 3)*

**MODERN MANAGEMENT OF POLYTRAUMA PATIENTS**  
Steffen RUCHHOLTZ (GERMANY)

12:30 - 14:00 *Karl Storz Industry Symposium – Autologous Joint Reconstruction - New Findings*

14:00 - 15:30 *Symposium – Tumours: Bone Tumours*

*Moderator:*  
Dominique POITOUT (FRANCE)

**TISSUE DONATION AFTER DEATH: CURRENT CONCEPTION, ROLES OF WHO, NATIONAL HEALTH AUTHORITIES AND HEALTH CARE PROFESSIONALS**  
José NUÑEZ (SWITZERLAND)

**PROCESSING OF ALLOGRAFTS AND ALLOGRAFT RECONSTRUCTIONS**  
Dominique POITOUT (FRANCE)

**CHALLENGES IN RECONSTRUCTIONS IN CHILDREN: COST EFFECTIVE LIMB SALVAGE – INNOVATIVE PROCEDURES**  
Ajay PURI (INDIA)

**ROLE OF NAVIGATION SURGERY IN ORTHOPAEDIC ONCOLOGY**  
Shekhar KUMTA (HONG KONG)

**MANAGEMENT OF PELVIC METASTASIS**  
Vivek SINGH (MALAYSIA)

**PANEL DISCUSSION: MANAGEMENT DILEMMAS – 3 DIFFICULT MANAGEMENT CASES**

15:30 - 16:00 *Break*

16:00 - 16:30 *Plenary Lecture – S. Rajasekaran (in Hall 3)*

**MEDICINE – FOR WHOSE BENEFIT?**  
S. RAJASEKARAN (INDIA)

16:30 - 18:00 *Free Papers – Tumours II*



*Moderator:*

Ajay PURI (INDIA)

- 35845 EWING'S SARCOMA OF THE PELVIS – A SINGLE CENTRE EXPERIENCE IN 48 PATIENTS**  
Philipp FUNOVICS, Madeleine WILLEGGER, Joannis PANOTOPOULOS, Reinhard WINDHAGER (AUSTRIA)
- 34758 THE RESEARCH OF BIOMECHANICAL STABILITY OF PELVIS AFTER SUBDIVIDED SACRECTOMY**  
Yi LUO, Yong ZHOU, Jing PENG, Fan TANG, Bo QU, Chongqi TU (CHINA)
- 34258 A SINGLE POSTERIOR APPROACH AND SPINAL RECONSTRUCTION FOR INTRADURAL TUMOURS OF THE CERVICOTHORACIC SPINE**  
Hua JIANG, Zengming XIAO (CHINA)
- 35844 WIDE RESECTION AND CENTRALIZATION OF FIBULA FOR DISTAL TIBIAL TUMOURS**  
Sukhbir Singh SANGWAN, Zile Singh KUNDU (INDIA)
- 35831 IPSILATERAL NON-VASCULARIZED FIBULAR TRANSPLANT IN RECONSTRUCTION OF DISTAL RADIUS GCT**  
Abhinav SINHA, Ajoy MANAV, Rakesh KUMAR (INDIA)
- 34780 SURGICAL TECHNIQUE AND CLINICAL RESULTS FOR SCAPULAR ALLOGRAFT RECONSTRUCTION FOLLOWING RESECTION OF SCAPULAR TUMOURS**  
Yi LUO, Chang ZOU, Yong ZHOU, Li MIN, Jing PENG, Chongqi TU (CHINA)
- 34415 NON METASTATIC OSTEOARTICULAR COMPLICATIONS OF MALIGNANCY**  
Vijay Kumar KHARIWAL, Sadhna GARG, Mohit SETHI (INDIA)
- 34752 CLINICAL OBSERVATION OF SURGICAL MANAGEMENT FOR RECURRENT GIANT CELL TUMOUR OF BONE**  
Yi LUO, Yong ZHOU, Chang ZOU, Yi WEN, Chongqi TU (CHINA)
- 34342 THREE-DIMENSIONAL VIRTUAL REALITY SIMULATION OF PERIARTICULAR TUMOURS USING DEXTROSCOPE RECONSTRUCTION AND SIMULATED SURGERY: A PRELIMINARY 10-CASE STUDY**  
Jingsheng SHI, Jun XIA, Siqun WANG, Yibing WEI, Feiyan CHEN, Gangyong HUANG, Jie CHEN (CHINA)

# Friday, 18 October

## MR G.03 & MR G.04

08:30 - 10:00 *Symposium – Trauma: External Fixator in Natural Disaster*

*Moderators:*

Maurice HINSENKAMP (BELGIUM), Sylvain RIGAL (FRANCE)

### **INTRODUCTION: FUNDAMENTALS OF EXTERNAL FIXATION**

Maurice HINSENKAMP (BELGIUM)

### **PROS AND CONS OF EXTERNAL FIXATION IN LOW INCOME SETTINGS – MSF EXPERIENCE**

Patrick HERARD, Francois BOILLOT (FRANCE)

### **LIMB SALVAGE WITH EXTERNAL FIXATION**

Marie Jeanne BERTOL<sup>1</sup>, Miguel TRELLES<sup>2</sup>

<sup>1</sup>(PHILIPPINES), <sup>2</sup>(BELGIUM)

### **EXTERNAL FIXATION AS A TEMPORIZING METHOD OF TREATMENT: FROM THE FIELD TO THE OPERATING ROOM**

Nikolaj WOLFSON (UNITED STATES)

### **EXTERNAL FIXATION OF LIMB INJURIES: EXPERIENCE IN THE 2005 PAKISTAN EARTHQUAKE**

Syed AWAIS, A.L. SAMI, A.A. SHAH, A. SAEED (PAKISTAN)

### **MANAGEMENT OF BATTLEFIELD EXTREMITY INJURIES: THE USE OF EXTERNAL FIXATION ON FRENCH SOLDIERS**

Sylvain RIGAL, Raphael BARTHELEMY, Julien DANIS, Bernard DELOYNES (FRANCE)

10:00 - 10:30 *Break*

10:30 - 12:00 *Symposium – Trauma: Injury Prevention*

*Moderator:*

Günter LOB (GERMANY)

### **VISION ZERO – POSSIBLE USING NEW TECHNOLOGIES?**

Günter LOB (GERMANY)

### **WHAT CAN BE LEARNED FROM TRAUMA NETWORKS???**

Steffen RUCHHOLTZ (GERMANY)

**BURDEN OF ROAD AND TRAFFIC INJURIES IN EGYPT: STRENGTHS AND WEAKNESSES OF DATA SOURCES**

*(to be confirmed)*

**BE SAFE – BE SEEN**

Venkata Shrinivas ARETI (INDIA)

**INJURY PREVENTION IN CHILDREN**

Ashok JOHARI (INDIA)

**INDICATORS OF STRUCTURES AND PROCESSES TO REDUCE THE BURDEN OF ROAD TRAFFIC ACCIDENT INJURY PREVENTION**

Dirk STENDEL (GERMANY)

**POLYTRAUMA IN VICTIMS OF TRAFFIC ACCIDENTS**

Sergiy GURYREV, Sergiy STRAFUN, Sergiy SATCYK, Stepan CHUNDAK (UKRAINE)

**TAMILNADU TRAUMA CARE PROJECT WITH SICOT'S ASSISTANCE**

Venkatesh Babu SUBBIAH (INDIA)

**ROAD ACCIDENT TRAUMA PREVENTION PROGRAMME**

Marcos MUSAFIR (BRAZIL)

12:00 - 12:30

*Plenary Lecture – Steffen Ruchholtz (in Hall 3)*

**MODERN MANAGEMENT OF POLYTRAUMA PATIENTS**

Steffen RUCHHOLTZ (GERMANY)

12:30 - 14:00

*Groupe Lépine Industry Symposium – Dual Mobility: A 35 Years French Experience... The Key to Ensuring Primary Stability*

14:00 - 15:30

*Symposium – Trauma: Orthopaedics in Disasters & Catastrophes*

*Moderators:*

S. RAJASEKARAN (INDIA), Nikolaj WOLFSON (UNITED STATES)

**INTRODUCTION AND OVERVIEW**

Nikolaj WOLFSON (UNITED STATES)

*Guest Speaker*

**LIBYAN WAR EXPERIENCE**

Mohamed RASHED (LIBYA)

**TRIAGE: FROM GENERAL TO ORTHOPAEDIC**

Khaled EMARA (EGYPT)

**DAMAGE CONTROL IN MASS CASUALTIES AND DISASTERS**

Hans-Christian PAPE (GERMANY)

**CRUSH INJURIES, CRUSH SYNDROME AND COMPARTMENT SYNDROME: KNOW THE DIFFERENCE**

Nikolaj WOLFSON (UNITED STATES)

**ROLE OF EXTERNAL FIXATION**

Hitendra DOSHI (SINGAPORE)

**LIMB SAVAGE VS. AMPUTATION: DO SCORING SYSTEMS WORK?**

S. RAJASEKARAN (INDIA)

**DISCUSSION**

15:30 - 16:00 *Break*

16:00 - 16:30 *Plenary Lecture – S. Rajasekaran (in Hall 3)*

**MEDICINE – FOR WHOSE BENEFIT?**

S. RAJASEKARAN (INDIA)

16:30 - 18:00

*Invited Lecture & Free Papers – Trauma: Severe Injuries - Spinal Cord, Extremities, War & Natural Disasters*

*Moderators:*

Thamer HAMDAN (IRAQ), Deven TANEJA (INDIA)

*Invited Speaker*

**MISSILE INJURIES OF THE LIMBS**

Thamer HAMDAN (IRAQ)

**35137 HANDLING EXTREMITY INJURIES IN 26-YEAR COUNTER-TERRORIST WAR: A SRI LANKAN CIVIL WAR EXPERIENCE**

Kalana RATHNAYAKE, Loku Kankanamge Don Chandana Rathna KARUNATHILAKA, Narendra PINTO, Chandima NANAYAKKARA (SRI LANKA)

**34894 FRACTURE NON-UNION TREATMENT OF THE LIBYAN WAR VICTIMS**

Domenico POTESIO, Nicola SANTORI, Antonio BERTINO (ITALY)

**34767 MILITARY SURGICAL TEAMS – IS THERE A NEED FOR ORTHOPAEDIC SURGEONS?**

Martin Kresimir PERMAR (NORWAY)

**35717 DECISION MAKING IN MANGLED EXTREMITY**

C.M. PRATHEEK (INDIA)

**34886 EVALUATION OF THE RESULTS OF SURGICAL AND CONSERVATIVE TREATMENT OF SPINAL INJURIES IN 2008 TO 2011: ANALYSIS OF 318 PATIENTS**

Martin REPKO, Pavel ZENCICA, Jan CIENCIALA, Filip NEMEC,

Robert ZITKA (CZECH REPUBLIC)

- 34735 PROFILE OF PATIENTS WITH FATAL POST-TRAUMATIC SPINAL INJURIES AT LEVEL 1 TRAUMA CARE CENTRE IN INDIA**  
Vivek SINGH, Sanjeev LALWANI, Vivek TRIKHA (INDIA)
- 34119 THE ROLE OF DOCUMENTATION IN DISASTER MANAGEMENT**  
Beate HANSON<sup>1</sup>, David HELFET<sup>2</sup>, Diarmuid DE FAOITE<sup>1</sup>  
<sup>1</sup>(SWITZERLAND), <sup>2</sup>(UNITED STATES)
- 33927 IS INHALATIONAL CICLESONIDE A SAFE AND EFFECTIVE PROPHYLACTIC DRUG FOR FAT EMBOLISM SYNDROME? A PROSPECTIVE NON-RANDOMIZED CLINICAL TRIAL**  
Sujit Kumar TRIPATHY, Ramesh SEN, Shiva PRAKASH (INDIA)
- 33740 INDIGENOUS NEGATIVE PRESSURE WOUND THERAPY (INPWT): A LOW-COST BID FOR CONTAMINATED SOFT TISSUE INJURIES IN HIGH ENERGY TRAUMA**  
Devwart KAUSHIK, Narendra JOSHI, Kamlesh JHAJHARIA, Rahul SAPRA (INDIA)

# Friday, 18 October

## MR G.05 & MR G.06

08:30 - 10:00

### **Instructional Course – Hip: Preserving Bone in Hip Surgery in Young Patients**

*Moderators:*

Jacques CATON (FRANCE), Jean-Pierre COURPIED (FRANCE)

#### **HIP ARTHROSCOPY: CURRENT INDICATION AND EXPECTATION IN EARLY OSTEOARTHRITIS**

Nicolas BONIN (FRANCE)

#### **TECHNIQUE AND INDICATION OF SHELF ARTHROPLASTY BY MINIMAL INVASIVE APPROACH**

Philippe CHIRON (FRANCE)

#### **LOWERING OF THE GREATER TROCHANTER: TECHNIQUE AND INDICATION**

Jacques CATON (FRANCE)

#### **PERIACETABULAR OSTEOTOMY FOR TREATMENT OF ACETABULAR DYSPLASIA – PATIENT AND SURGEON ELIGIBILITY**

Xavier FLECHER (FRANCE)

#### **CONSERVATIVE TREATMENT IN HIP OSTEO NECROSIS**

Philippe HERNIGOU (FRANCE)

10:00 - 10:30

*Break*

10:30 - 12:00

### **Free Papers – Hip: Total Hip Arthroplasty - Dual Mobility & Hemiarthroplasty**

*Moderators:*

Jacques CATON (FRANCE), Dariush SAVADKOOHI (IRAN)

**34485 PRIMARY TOTAL HIP ARTHROPLASTY USING DUAL MOBILITY: RESULTS AT 10 YEARS' FOLLOW-UP**

Olivier TAYOT, Jean Luc DELALANDE, Vincent PIBAROT, Olivier GUYEN, Hervé CHAVANE (FRANCE)

**34244 IS THE DISLOCATION RISK DECREASED WITH DUAL MOBILITY CUP TYPE AFTER CHARNLEY THA?**

Jacques CATON, Jean Louis PRUDHON, André FERREIRA (FRANCE)

**34229 A FRENCH STANDARD: DUAL MOBILITY IN PRIMARY HIP ARTHROPLASTY. RESULTS AT 9 YEARS OF FOLLOW-UP**

Jean Louis PRUDHON, André FERREIRA (FRANCE)

- 34182 THE USE OF DUAL MOBILITY THR FOR FRACTURED NECK OF FEMUR REDUCES THE INCIDENCE OF DISLOCATION**  
Manoj PUTHIYA VEETIL, James FLETCHER, Douglas DUNLOP, Jeremy LATHAM (UNITED KINGDOM)
- 34618 A COMPARISON BETWEEN UNIPOLAR-MONOBLOCK PROSTHESIS FOR HIP HEMIARTHROPLASTY AND BIPOLAR HIP HEMIARTHROPLASTY: WHICH ONE IS CHOICE IN DEVELOPING COUNTRIES?**  
Dariush SAVADKOOHI, Babak SIAVASHI (IRAN)
- 35692 PROSPECTIVE STUDY OF HEMIREPLACEMENT ARTHROPLASTY FOR UNSTABLE INTERTROCHANTERIC FRACTURES OF FEMUR IN ELDERLY PATIENTS**  
Kumar SANJIV, Kumar ASHISH (INDIA)
- 35396 MORTALITY AND MORBIDITY ANALYSIS FOLLOWING CEMENTED AND CEMENTLESS BIPOLAR HEMIARTHROPLASTY IN A CASE-MATCHED SERIES OF 120 ELDERLY PATIENTS WITH FRACTURE NECK FEMUR**  
Rajiv THUKRAL, Sanjiv K.S. MARYA (INDIA)
- 35594 A COMPARISON OF THE JRI HAC COATED UNCEMENTED HEMIARTHROPLASTY TO THE JRI CEMENTED HEMIARTHROPLASTY**  
Nayef ASLAM-PERVEZ, Mohamed Altayeb MUSSA, Jan MARCINIAK, Shivkumar GOPAL (UNITED KINGDOM)
- 35039 IS HARRIS HIP SCORE A VALID INDICATOR OF HIP FUNCTION IN INDIAN POPULATION?**  
Sujit Kumar TRIPATHY, Vanyambadi JAGADEESH, Ramesh Kumar SEN (INDIA)

12:00 - 12:30

*Plenary Lecture – Steffen Ruchholtz (in Hall 3)*

**MODERN MANAGEMENT OF POLYTRAUMA PATIENTS**

Steffen RUCHHOLTZ (GERMANY)

12:30 - 14:00

*Break*

14:00 - 15:30

*Symposium – Hip: Tribology*

*Moderators:*

Mandeep DHILLON (INDIA), Philippe HERNIGOU (FRANCE)

**CERAMIC BEARINGS: WHAT DOES THE LITERATURE SAY?**

Mandeep DHILLON (INDIA)

**COC – JUSTIFICATION FOR ITS USE**

Roberto BINAZZI (ITALY)

**DO CERAMIC FEMORAL HEADS REDUCE TAPER FRETTING CORROSION IN HIP ARTHROPLASTY? A RETRIEVAL STUDY**

Daniel MACDONALD (UNITED STATES)

**REVISION OF METAL ON METAL HIP REPLACEMENTS USING CERAMIC BEARINGS: IS THIS THE RIGHT CHOICE TO RESTORE FUNCTION?**

Raghu RAMAN (UNITED KINGDOM)

**PERFORMANCE AND LIMITATIONS OF STATE OF THE ART CERAMICS**

Bernard MASSON (FRANCE)

**COMPARISON OF WHOLE BLOOD METAL ION LEVELS IN FOUR TYPES OF METAL-ON-METAL LARGE HEAD TOTAL HIP ARTHROPLASTY AND ITS CLINICAL CONSEQUENCES**

Charles RIVIÈRE, Pascal André VENDITTOLI, Alain ROY, Michel RAHMÉ, Martin LAVIGNE (CANADA)

**MATCHED CERAMIC-CERAMIC VERSUS CERAMIC-POLYETHYLENE ON THE CONTRALATERAL HIP**

Philippe HERNIGOUE, Alexandre POIGNARD, Charles Henri FLOUZAT LACHANIETTE (FRANCE)

**POLYETHYLENE WEAR AND OSTEOLYSIS AFTER CEMENTLESS TOTAL HIP ARTHROPLASTY WITH ALUMINA-ON-HIGHLY-CROSS-LINKED POLYETHYLENE IN PATIENTS YOUNGER THAN THIRTY YEARS OF AGE**

Chirag PATEL, Young Hoo KIM, Jang Won PARK, Dae Youn KIM (SOUTH KOREA)

15:30 - 16:00 *Break*

16:00 - 16:30 *Plenary Lecture – S. Rajasekaran (in Hall 3)*

**MEDICINE – FOR WHOSE BENEFIT?**

S. RAJASEKARAN (INDIA)

16:30 - 18:00 *SOFcot Symposium – Causes for Revision of Primary Total Hip Arthroplasty in France*



*Moderators:*

Jacques CATON (FRANCE), Jean-Pierre COURPIED (FRANCE)

**INTRODUCTION, MATERIAL AND METHODS**

Christian DELAUNAY (FRANCE)

**RESULTS**

Jean-Louis PRUDHON (FRANCE)

**ANALYSIS OF MAIN CAUSES**

Julien GIRARD (FRANCE)

**SYNTHESIS AND CONCLUSIONS**

Christian DELAUNAY (FRANCE)

**FINAL DISCUSSION**

Jean-Pierre COURPIED, Jacques CATON (FRANCE)

**Friday, 18 October**

**MR 1.05 & MR 1.06**

08:30 - 10:00

*EBJIS Symposium – What's New in Bone and Joint Infections Management?*

*Moderators:*

Günter LOB (GERMANY), Carlo ROMANO (ITALY), Heinz WINKLER (AUSTRIA)

**OSTEOMYELITIS AND BONE DEFECT MANAGEMENT IN INFECTIONS**

Christof WAGNER (GERMANY)

**TUBERCULOSIS: THE EUROPEAN PERSPECTIVE**

Ferdinando DA RIN (ITALY)

**ONE-STAGE CEMENTLESS REVISION FOR SEPTIC PROSTHESIS**

Heinz WINKLER (AUSTRIA)

**WHAT'S NEW IN TWO-STAGE REVISION OF SEPTIC PROSTHESIS?**

Carlo ROMANO (ITALY)

**COULD AN INFECTION NETWORK BE HELPFUL?**

Günter LOB (GERMANY)

**QUICK ASSESSMENT OF NEWS BY SCIENTIFIC PUBLICATION SCORE**

Dieter BETTIN (GERMANY)

**DISCUSSION**

**TARGETING BIOFILMS: A NEW APPROACH TO IMPLANT-RELATED INFECTIONS?**

Enzo MEANI (ITALY)

10:00 - 10:30

*Break*

10:30 - 12:00

*Instructional Course – Infections: Management of Bone Infection & Non-Union*

*Moderators:*

Khaled EMARA (EGYPT), Nikolaj WOLFSON (UNITED STATES)

**RECENT TRENDS IN DIAGNOSIS & MANAGEMENT OF EARLY BONE INFECTION (MAINLY POSTOPERATIVE INFECTION & PREVENTION)**

Nikolaj WOLFSON (UNITED STATES)

**TREATMENT OF CHRONIC BONE INFECTION**

Khaled EMARA (EGYPT)

**MODERN OPTIONS OF BONE DEFECT THERAPY WITH INFECTED CONDITIONS**

Peter BIBERTHALER (GERMANY)

**INFECTED NON-UNION OF LONG BONES: A MODIFIED CLASSIFICATION SYSTEM FOR THE MANAGEMENT BY ILIZAROV STRATEGIES**

Ranjit K. BARUAH (INDIA)

**TWO-STAGE TREATMENT OF OSTEOMYELITIS WITH ILIZAROV**

Cengiz SEN (TURKEY)

**INVESTIGATIONS AND TREATMENT OF DIAPHYSEAL AND PERIARTICULAR INFECTED NON-UNIONS (INCLUDING OSTEOTOMY AND ARTHROPLASTY)**

Reinhard SCHNETTLER (GERMANY)

12:00 - 12:30 *Plenary Lecture – Steffen Ruchholtz (in Hall 3)*

**MODERN MANAGEMENT OF POLYTRAUMA PATIENTS**

Steffen RUCHHOLTZ (GERMANY)

12:30 - 14:00 *Break*

14:00 - 15:30 *Free Papers – Infections: Osteoarticular Infections*

*Moderators:*

Ranjit K. BARUAH (INDIA), Günter LOB (GERMANY)

**33722 SERUM PROCALCITONIN MEASUREMENT IN THE EARLY DIAGNOSIS OF ACUTE OSTEOMYELITIS AND SEPTIC ARTHRITIS – A PROSPECTIVE STUDY**

Karthikeyan MAHARAJAN (INDIA)

**35834 DITHIOTHREITOL TO IMPROVE THE DIAGNOSIS OF PROSTHETIC JOINT INFECTIONS**

Carlo ROMANO, Nicola LOGOLUSO, Delia ROMANO, Lorenzo DRAGO (ITALY)

**35754 DISPOSABLE ANTI-BACTERIAL COATING FOR PREVENTION OF IMPLANT-RELATED INFECTIONS IN ORTHOPAEDICS**

Carlo ROMANO<sup>1</sup>, Lorenzo DRAGO<sup>1</sup>, Maria HAENSCH<sup>2</sup>, Lieve VAN

MELLAERT<sup>3</sup>, Konstantinos MALIZOS<sup>4</sup>, Milena FINI<sup>1</sup>, Enzo MEANI<sup>1</sup>  
<sup>1</sup>(ITALY), <sup>2</sup>(GERMANY), <sup>3</sup>(BELGIUM), <sup>4</sup>(GREECE)

**35656 ANTIBIOTIC IMPREGNATED CEMENTED INTRAMEDULLARY NAIL**  
Mayank BANSAL (INDIA)

**33641 SAFE DUALCORE UNIVERSAL NAIL® (PAT.PEND.):  
INTRAMEDULLARY FIXATION DEVICE TO PREVENT AND TREAT  
PATIENTS WITH HIGH RISK OF INFECTION**  
Nuno CRAVEIRO-LOPES (PORTUGAL)

**34874 SKELETAL TUBERCULOSIS FOLLOWING FRACTURE FIXATION**  
Sudhir KUMAR, Ashish RUSTAGI, Anil ARORA (INDIA)

**33657 TUBERCULOSIS OF CALCANEUM IN CHILDREN: A SERIES OF 11  
CASES**  
Kumar Shashi KANT, Anil AGARWAL (INDIA)

**35548 PHTHISIS (TUBERCULOSIS) OF THE FOOT – A REVIEW OF 30  
CASES**  
Vipul VIJAY, Vineet TYAGI, Alok SUD, Anil MEHTANI (INDIA)

**33631 MRI BASED EVALUATION OF EFFICACY OF DOTS REGIMEN IN  
TUBERCULOSIS OF SPINE**  
Amit SRIVASTAVA, Anil JAIN (INDIA)

15:30 - 16:00 *Break*

16:00 - 16:30 *Plenary Lecture – S. Rajasekaran (in Hall 3)*

**MEDICINE – FOR WHOSE BENEFIT?**  
S. RAJASEKARAN (INDIA)

16:30 - 18:00 *Best Papers Session*

# Friday, 18 October

## MR 1.01 & MR 1.02

08:30 - 10:00

### *Short Oral Communications – Spine I*

*Moderator:*

Alaaeldin AHMAD (PALESTINE)

- 35988 PROSPECTIVE STUDY OF VERTEBRAL AUGMENTATION BY PERCUTANEOUS BALLOON KYPHOPLASTY IN OSTEOPOROTIC VERTEBRAL COMPRESSION FRACTURES**  
Kalpesh RANPARIA, Javahir PACHORE, Viral SHAH, Praveen SAXENA (INDIA)
- 34522 VERTEBROPLASTY VERSUS CONSERVATIVE TREATMENT FOR PAINFUL OSTEOPOROTIC VERTEBRAL COMPRESSION FRACTURES, WHICH ONE IS BETTER? – A META-ANALYSIS**  
Liu TAO, Huilin YANG (CHINA)
- 34842 TREATMENT OF INFANTILE CERVICAL KYPHOSIS USING FIBULAR GRAFTS**  
Terai HIDETOMI, Suzuki AKINOBU, Hiromitsu TOYODA, Nakamura HIROAKI (JAPAN)
- 34519 ACDF VERSUS LAMINOPLASTY FOR MULTILEVEL CERVICAL SPONDYLOTIC MYELOPATHY**  
Tao LIU, Huilin YANG (CHINA)
- 34345 ANALYSIS OF THE CHARACTERISTICS OF CERVICAL SPONDYLOTIC AMYOTROPHY AND THE SURGICAL OUTCOMES AFTER ANTERIOR CERVICAL DECOMPRESSION AND FUSION: A RETROSPECTIVE STUDY OF 28 PATIENTS**  
Hongli WANG, Hengchao LI, Jianyuan JIANG, Feizhou LU, Xiaosheng MA, Xinlei XIA, Lixun WANG (CHINA)
- 33938 EN BLOC LAMINECTOMY AND LAMINOPLASTY FOR CERVICAL SPONDYLOTIC MYELOPATHY: A PROSPECTIVE STUDY OF CLINICAL AND RADIOLOGIC OUTCOMES**  
Chandrashekher BADOLE, Abhijit KAWALKAR (INDIA)
- 33714 ANTERIOR PEDICLE SCREW AND PLATE FIXATION IN CERVICAL RECONSTRUCTION**  
Yasutsugu YUKAWA, Fumihiko KATO, Keigo ITO, Masaaki MACHINO (JAPAN)

- 34272 THE CLINICAL AND RADIOGRAPHIC OUTCOME OF DYNAMIC CERVICAL IMPLANT REPLACEMENT FOR TREATMENT OF CERVICAL DISC HERNIATION: A 24-MONTH FOLLOW-UP**  
Lei WANG, Yueming SONG (CHINA)
- 33899 COMPARISON OF TITANIUM AND POLYETHERETHERKETONE (PEEK) CAGES IN THE SURGICAL TREATMENT OF MULTILEVEL CERVICAL SPONDYLOTIC MYELOPATHY: A PROSPECTIVE, RANDOMIZED, CONTROL STUDY WITH OVER 7-YEAR FOLLOW-UP**  
Yu CHEN, Xinwei WANG, Deyu CHEN (CHINA)
- 34750 THE PELVIC INCIDENCE IS A FUNDAMENTAL PARAMETER ON SURGICAL TREATMENT OF THORACOLUMBAR SPINE FRACTURE**  
Zoubaier ELLOUZ, Mourad AOUI, Ameer ABID, Zied BELLAJ, Nadeur TRIGUI, Wajdi BOUAZIZ, Slim MOALLA, Fakher GDOURA, Kamel AYADI, Hassib KESKES (TUNISIA)
- 33984 MANAGEMENT OF EARLY ONSET KYPHOTIC DEFORMITY WITH THE RIB CONSTRUCT**  
Alaaeldin AHMAD<sup>1</sup>, Richard GROSS<sup>2</sup>, Zeke WALTON<sup>2</sup>  
<sup>1</sup>(PALESTINE), <sup>2</sup>(UNITED STATES)
- 34570 DOES SELECTIVE THORACIC FUSION PROVIDE SATISFACTORY OUTCOMES IN ADOLESCENTS WITH CHIARI MALFORMATION-ASSOCIATED SCOLIOSIS?**  
Zezhang ZHU (CHINA)
- 34387 MANAGEMENT OPTION FOR TANDEM SPINAL STENOSIS (TSS)**  
Chinmay NATH (INDIA)
- 35318 EPIDEMIOLOGY OF SPINAL INJURIES – A DESCRIPTIVE STUDY**  
Gopinath NALLI, Uvaraj NALLI, R. DHANAGOPAL (INDIA)

10:30 - 12:00

*Short Oral Communications – Spine II*

*Moderators:*

Vijay KAMATH (HONG KONG), Darya TESAKOVA (BELARUS)

- 34524 KYPHOPLASTY VERSUS VERTEBROPLASTY FOR PAINFUL OSTEOPOROTIC VERTEBRAL COMPRESSION FRACTURES, WHICH ONE IS BETTER?**  
Huilin YANG, Tao LIU (CHINA)
- 34956 UNILATERAL VERSUS BILATERAL BALLOON KYPHOPLASTY FOR OSTEOPOROTIC VERTEBRAL COMPRESSION FRACTURES**  
Jun LIN, Huilin YANG (CHINA)

- 34791 THE THORAX COSTAL FRAMEWORK CHANGES FEATURES IN PATIENTS WITH HEAVY PROGRESSIVE SCOLIOTIC SPINE DEFORMITIES**  
Darya TESAKOVA, Dmitry TESAKOV, Polina ZUEVA, Helena SOSHNIKOVA (BELARUS)
- 35562 THORACIC PEDICLE SUBTRACTION OSTEOTOMY IN THE TREATMENT OF SEVERE PAEDIATRIC KYPHOTIC DEFORMITIES**  
Kamil Cagri KOSE, Mustafa Erkan INANMAZ, Hakan BASAR, Emre BAL, Islam CALISKAN (TURKEY)
- 35383 SURGICAL CORRECTION OF DYSTROPHIC KYPHO-SCOLIOTIC SPINAL DEFORMITIES IN NEUROFIBROMATOSIS: A REVIEW OF 10 CASES**  
Abhijeet KADAM, Ashok RATHOD (INDIA)
- 35044 MANAGEMENT OF SEVERE DYSTROPHIC CURVES IN SCOLIOSIS WITH NEUROFIBROMATOSIS – OUR EXPERIENCE IN 21 CASES**  
Amitava BISWAS, Saumyajit BASU, Gaurav DHAKAL, Dharmesh PATEL (INDIA)
- 34600 THE EFFECT OF ROD STIFFNESS AND SCREW DENSITY ON THE CORONAL AND SAGITTAL PLANE CORRECTION RATE IN LENKE 1 ADOLESCENT IDIOPATHIC SCOLIOSIS (AIS)**  
Zhaomin ZHENG, Hui LIU, Jianru WANG, Zemin LI, Hao YANG (CHINA)
- 34611 CORONAL IMBALANCE AFTER POSTERIOR CORRECTION WITH VCR OR PSO FOR ANGULAR THORACOLUMBAR KYPHOSCOLIOSIS AND ITS RISK FACTORS**  
Yong QIU (CHINA)
- 33940 MANAGEMENT OF SEVERE MALTREATED GRANULOMATOUS KYPHOSIS**  
Abolfazl RAHIMIZADEH, Housain SOUFIANI (IRAN)
- 33643 DYNAMIC CHANGES OF SAGITTAL ALIGNMENT IN THORACIC SPINE**  
Yasutsugu YUKAWA, Daigo MORITA, Keigo ITO, Masaaki MACHINO, Fumihiko KATO (JAPAN)
- 34149 HEMIVERTEBRAE RESECTION FOR UNBALANCED MULTIPLE HEMIVERTEBRAE**  
Chunguang ZHOU, Limin LIU, Yueming SONG (CHINA)
- 35606 DIFFERENT METHODS OF L5-S1 ANTERIOR FUSION FOR HIGH-GRADE SPONDYLOLISTHESIS**  
Marchel VETRILE, Alexander KULESHOV, Vladimir DOTSENKO (RUSSIA)

**35224 STRATEGIES TO DECREASE PERIOPERATIVE BLOOD LOSS IN ADOLESCENT IDIOPATHIC SCOLIOSIS (AIS) PATIENTS UNDERGOING POSTERIOR SPINAL FUSION (PSF) – JUDICIOUS USE OF DRAINS, PLANNED SURGICAL PROCEDURE, FACTORS INFLUENCING INTRAOPERATIVE BLOOD LOSS**  
Vijay KAMATH, Jason PUI YIN CHEUNG, Kin Cheung MAK, Keith LUK, Kenneth MAN CHEE CHEUNG (HONG KONG)

**34920 PATHOGENESIS OF “LIGAMENTUM TO BONE” TRANSFORMATION IN ENDEMIC SKELETAL FLUOROSIS**  
J. NARESH-BABU, G. NEELIMA (INDIA)

14:00 - 15:30 *Short Oral Communications – Hip I*

*Moderators:*

Jean-Pierre COURPIED (FRANCE), K.J. REDDY (INDIA)

**35820 RADIOLOGICAL FINDINGS FROM METAL ON METAL HIPS THAT UNDERWENT REVISION SURGERIES**  
Vaibhav BAGARIA, Rob WALLACE (AUSTRALIA)

**35674 METAL-ON-METAL (MOM) TOTAL HIP REPLACEMENT: A MID-TERM OUTCOME STUDY**  
Mayank VASHISHTHA, Ibrahim ELTILIB, Karen ROLLINSON, Ajit SHETTY, Aaron NG (UNITED KINGDOM)

**33948 OUR EXPERIENCE OF HIP RESURFACING WITH THE BIRMINGHAM MID HEAD RESECTION (BMHR) DEVICE IN A DISTRICT GENERAL HOSPITAL**  
Aditya PRINJA, Jagwant SINGH, Emeka ORAGUI, Jeremy PARKER (UNITED KINGDOM)

**33541 MID-TERM OUTCOMES IN 112 METAL-ON-METAL TOTAL HIP REPLACEMENTS (M-O-M THRS) (36MM HEAD)**  
Ibrahim ELTILIB, Shetty AJIT, Aaron NG, Vashishtha MAYANK (UNITED KINGDOM)

**34527 THE EFFICACY OF ULTRASOUND AND MRI SCANS IN DETECTING ADVERSE REACTION TO METAL DEBRIS IN POST-OPERATIVE PAIN FOLLOWING METAL ON METAL HIP REPLACEMENT SURGERY**  
Harinder GAKHAR, Alexandros APOSTOLOPOULOS, Naveed AHMED, Phil WARDAL, George ZAFIROPOULOS, Peter LEWIS (UNITED KINGDOM)

**35773 THE ADVANTAGE OF A COLLAR IN CEMENTLESS TOTAL HIP REPLACEMENT STEMS**  
Jens BOLDT<sup>1</sup>, Guillaume DEMAY<sup>2</sup>, Tarik AIT SI SELMI<sup>2</sup>



<sup>1</sup>(SWITZERLAND), <sup>2</sup>(FRANCE)

**35356 REVIEW OF CERAMIC-CERAMIC BEARINGS IN HYDROXYAPATITE CERAMIC COATED HIP IMPLANTS: A CLINICAL AND RADIOLOGICAL EVALUATION WITH UP TO TWENTY-YEAR FOLLOW-UP**

James BUCHANAN, David FLETCHER (UNITED KINGDOM)

**35070 USE OF THE TIP – IMPLANT DISTANCE REDUCES VARIABILITY IN LEG LENGTH FOLLOWING HIP REPLACEMENT SURGERY**

Jasvinder DAURKA, Peter DACOMBE, Alvin CHEN, Charles GIBBONS, Warwick RADFORD (UNITED KINGDOM)

**34724 THE EFFECT OF REFOBACIN AND PALACOS BONE CEMENT ON FIXATION OF TOTAL HIP ARTHROPLASTY**

Huub J.L. VAN DER HEIDE, Paul VAN DER VOORT, Danny VAN DELFT, Bart L. KAPTEIN, Edward R. VALSTAR, Rob G.H.H. NELISSEN (NETHERLANDS)

**34358 TOTAL HIP ARTHROPLASTY IN OSTEOPETROSIS WITH CEMENTLESS CUP AND MODULAR STEM USING IMAGELESS NAVIGATION – REPORT OF TWO CASES**

Jun-Dong CHANG, In-Sung KIM, Atul Mittarsain BHARDWAJ, Bhaskar Murari RAO (SOUTH KOREA)

**34333 SILENT LONG-TERM BONE REMODELLING OF PROXIMALLY FIXATED CEMENTLESS HA COATED STEMS AT A MEAN OF 17 YEARS**

Jens BOLDT (SWITZERLAND)

**34181 A NEW TECHNIQUE OF NECK EXCHANGE TREATMENT OPTION IN FEMORAL NECK FRACTURES OF DUAL MODULARITY STEMS – CASE SERIES OF 5 PATIENTS**

Biyyam RAO, Michael MOSS, Lee TAYLOR, Adhish AVASTHI (UNITED KINGDOM)

**34000 UNCEMENTED HIP REPLACEMENT IN SICKLE CELL DISEASE**

Karthik SOMASUNDARAM, Moji AWOGBADHE, Venu KAVARTHAPU, Patrick LI (UNITED KINGDOM)

16:30 - 18:00

*Short Oral Communications – Paediatrics*

*Moderators:*

Patricia FUCS (BRAZIL), Vrisha MADHURI (INDIA)

**35157 SHOULD WE ADD FEMORAL VARISATION, DEROTATION, AND SHORTENING TO ALL SALTER INNOMINATE OSTEOTOMIES?**

Mahmut Nedim AYTEKIN, Kasim KILICARSLAN, Tansel MUTLU,  
Kayaalp CETIN, Mahmut UGURLU (TURKEY)

**35060 MANAGEMENT OF COXA VARA WITH PERCUTANEOUS  
SUBTROCHANTERIC VALGUS OSTEOTOMY WITH MINI EXTERNAL  
FIXATOR**

Jaideep DHAMELE, Taral NAGDA, Sachin KULKARNI, Tanay  
PRABHOO (INDIA)

**35043 OUR EXPERIENCE WITH FEMORAL NECK FRACTURES IN  
CHILDREN**

Shashikanth Shankaranarayana VOKKALERI, Sandeep PATEL,  
Sudesh PEBAM (INDIA)

**34405 CAN WE PREDICT PATHOLOGICAL FRACTURE OF THE PROXIMAL  
FEMUR USING ONLY PLAIN RADIOGRAPHS?**

Darko ANTICEVIC, Ozren KUBAT (CROATIA)

**33995 TITANIUM ELASTIC NAIL FOR PAEDIATRIC FEMORAL SHAFT  
FRACTURE: CAN WE EXTEND ITS USE IN OLDER CHILDREN?**

Abhijit KAWALKAR, Chandrashekher BADOLE, Amit SUPE (INDIA)

**35546 SUPRACONDYLAR V (CHEVRON) OSTEOTOMY FOR PAEDIATRIC  
GENU VALGUM**

Vipul VIJAY, Vineet TYAGI, Anil MEHTANI, Himanshu KATARIA  
(INDIA)

**34666 MANAGEMENT OF CONGENITAL PSEUDOARTHROSIS OF TIBIA**

Hariram JHUNJHUNWALA (INDIA)

**34602 GROWTH MODULATION IN CHILDREN FOR ANGULAR  
DEFORMITY CORRECTION AROUND KNEE – RETROSPECTIVE  
STUDY OF USE OF EIGHT PLATES**

Shah KUNAL, Patwardhan SANDEEP, Shyam ASHOK, Parag  
SANCHETI (INDIA)

**33919 CASE OF OSTEOCHONDRITIS DISSECANS KNEE WITH LARGE  
FEMORAL FRAGMENT FIXED WITH SMART NAILS**

Suraj GULATI, Sumiti VANJANI, Odisseas SHABLAHIDIS (UNITED  
KINGDOM)

**33888 PRELIMINARY RESULTS OF A 4-SCREW PLATE USED FOR GUIDED  
GROWTH TO CORRECT LEG LENGTH DISCREPANCY**

Sergei SERDJUCHENKO, Alexander BELETSKY, Aleh SAKALOUSKI,  
Andrei DZEMIANTSOU, Issam HAMMOUD (BELARUS)

**33716 KNEE RECONSTRUCTION IN CHILDREN WITH TIBIAL DEFICIENCY**

Dmitry BUKLAEV, Denis DRERVIANKO, Olga AGRANOVICH  
(RUSSIA)

- 33529 MANAGEMENT OF COMPOUND FRACTURE OF TIBIA IN CHILDREN BY TITANIUM ELASTIC NAIL**  
Iftekar Ali MOHAMMED (INDIA)
- 35029 TREATMENT OF NON-IDIOPATHIC CONGENITAL TALIPES EQUINOVARUS BY PONSETI METHOD**  
Chasanal RATHOD, Dominic D'SILVA, Rujuta MEHTA, Alaric AROOJIS (INDIA)
- 33753 TREATMENT OF IDIOPATHIC CLUBFOOT USING THE PONSETI METHOD – 10-YEAR UK OUTCOME**  
Alistair MAYNE, Amit BIDWAI, Neeraj GARG, Colin BRUCE (UNITED KINGDOM)
- 33590 THE IMPACT OF A DEDICATED PONSETI SERVICE ON OUTCOMES OF IDIOPATHIC CLUBFOOT TREATMENT**  
Alistair MAYNE, Amit BIDWAI, Neeraj GARG, Colin BRUCE (UNITED KINGDOM)
- 34910 TREATMENT OF NEGLECTED MONTEGGIA FRACTURE DISLOCATIONS WITH FLEXION-DISTRACTION OSTEOTOMY OF ULNA: IS ANNULAR LIGAMENT RECONSTRUCTION NECESSARY?**  
Tanay PRABHOO, Ram PRABHOO, Mandar AGASHE, Alaric AROOJIS, Dominic D'SILVA, Rujuta MEHTA (INDIA)
- 34300 MODIFIED STEP-CUT OSTEOTOMY FOR POST-TRAUMATIC CUBITUS VARUS: OUR EXPERIENCE WITH 14 CHILDREN**  
Sandeep PATEL, Sudesh PEBAM, V.S. SHASHIKANT (INDIA)
- 33709 SEVERE CHRONIC OSTEOMYELITIS IN CHILDREN WITH GAP AND SHORTENING OF LIMB – “OSTEOMYELITIS BURNS IN THE FIRE OF REGENERATION”**  
M. Mofakhkharul BARI (BANGLADESH)

# Programme

## Saturday, 19 October

	Hall 3	Hall 1	Hall 2	Hall 5	Hall 6
08:30-10:00	<b>ARTOF</b> <i>Instructional Course</i> Ankle Fractures	<i>Free Papers</i> <b>Trauma</b> Distal Femur	<i>Instructional Course</i> <b>Paediatrics</b> Foot	<i>Instructional Course</i> Orthopaedic Microsurgery	<i>Symposium</i> Early Onset Scoliosis - The Enigma
10:00-10:30	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
10:30-12:00	<i>Free Papers</i> <b>Trauma</b> Tibia I	<i>Free Papers</i> <b>Trauma</b> Upper Limb - Clavical & Proximal Humerus	<i>Free Papers</i> <b>Paediatrics</b> Foot & Ankle	<i>Free Papers</i> <b>Hand</b> Trauma & Reconstruction	<i>Free Papers</i> <b>Spine</b> Techniques
12:00-13:30	<i>Break</i>	<i>Break</i>	<b>SICOT General Assembly</b>	<i>Break</i>	<i>Break</i>
13:30-15:00	<i>Free Papers</i> <b>Trauma</b> Tibia II	<i>Free Papers</i> <b>Trauma</b> Upper Limb - Shaft & Distal Humerus		<i>Symposium</i> <b>Hand</b> Carpometa- carpal OA of the Thumb	<i>Free Papers</i> <b>Spine</b> Minimally Invasive
15:00-16:00			<b>Closing Ceremony</b>		

	<b>MR G.01 &amp; MR G.02</b>	<b>MR G.03 &amp; MR G.04</b>	<b>MR G.05 &amp; MR G.06</b>	<b>MR 1.05 &amp; MR 1.06</b>	<b>MR 1.01 &amp; MR 1.02</b>
08:30-10:00	<i>Instructional Course</i> <b>Shoulder &amp; Elbow</b> Elbow Instability	<i>Symposium</i> How to Write an Article	<i>Instructional Course</i> <b>Trauma</b> Hands-on Workshop on External Fixation	<i>Free Papers</i> <b>Trauma</b> Upper Limb - Distal Radius	<i>Short Oral Communications</i> Tumours
10:00-10:30	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
10:30-12:00	<i>Free Papers</i> <b>Shoulder &amp; Elbow</b> Soft Tissue Reconstruction	<i>Symposium</i> Orthopaedic Education – How can SICOT contribute?	<i>Free Papers</i> <b>Trauma</b> Minimally Invasive	<b>WOC</b> <i>Symposium</i> In-Service Training in LMIC: A Regional Problem for SE Asia	<i>Short Oral Communications</i> Knee
12:00-13:30	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
13:30-15:00	<i>Free Papers</i> Quality of Life	<i>Symposium</i> Neglected Problems in the Developing World – Effective Strategies for Prevention	<i>Free Papers</i> <b>Trauma</b> General Trauma	<i>Symposium</i> Upper Extremity Lengthening & Complications of Limb Lengthening	<i>Short Oral Communications</i> Hip II
15:00-17:00					

# Saturday, 19 October

## Hall 3

08:30 - 10:00 **ARTOF Instructional Course – Ankle Fractures**

*Moderator:*

Peter BIBERTHALER (GERMANY)

### ***THEORETICAL PART***

#### **DIAGNOSTIC OF DISTAL TIBIA FRACTURES**

Peter BIBERTHALER (GERMANY)

#### **CONSERVATIVE THERAPY**

James WADDELL (CANADA)

#### **WEBER FRACTURES**

Andreas RUECKER (GERMANY)

#### **PILON TIBIAL FRACTURES**

Steffen RUCHHOLTZ (GERMANY)

#### **DECISION-MAKING**

Marc HANSCHEN (GERMANY)

### ***INSTRUCTIONAL COURSE***

#### **EXTERNAL FIXATOR**

Steffen RUCHHOLTZ, Peter BIBERTHALER (GERMANY)

#### **OPEN REDUCTION INTERNAL FIXATION**

Andreas RUECKER, Peter BIBERTHALER (GERMANY)

#### **CLOSED REDUCTION AND SPLINTING**

James WADDELL<sup>1</sup>, Marc HANSCHEN<sup>2</sup>  
<sup>1</sup>(CANADA), <sup>2</sup>(GERMANY)

10:00 - 10:30 *Break*

10:30 - 12:00 ***Free Papers – Trauma: Tibia I***

*Moderator:*

Thami BENZAKOUR (MOROCCO)

- 34040 ANATOMICAL STUDY OF FOUR-COLUMN CLASSIFICATION OF TIBIAL PLATEAU FRACTURES BASED ON THREE-DIMENSIONAL CT RECONSTRUCTION IMAGES**  
Shicai FAN (CHINA)
- 35966 ILIZAROV CIRCULAR FIXATOR – A SAFE AND RELIABLE ALTERNATIVE IN THE TREATMENT OF PROXIMAL TIBIAL FRACTURES**  
Seetha Rama Prasad YALAMANCHILI, Leela Prasad BADA (INDIA)
- 35708 MANAGEMENT OF INTRA-ARTICULAR TIBIAL PLATEAU FRACTURES WITH POSTEROLATERAL ARTICULAR DEPRESSION**  
Sandeep GUPTA (INDIA)
- 34305 EVALUATION OF 154 PATIENTS WITH INTERNAL FIXATION OF INTRA-ARTICULAR PROXIMAL TIBIA FRACTURES**  
Ashwinkumar UNDHAD, A.V. LOKESH, Mukul SINGHAL (INDIA)
- 35983 STAGED DEFINITIVE FIXATION OF DISTAL TIBIA FRACTURES USING LOCKING PLATE OSTEOSYNTHESIS**  
Dabis JOHN, Chakravarthy JAGANNATH, Oni TOFFIE, Bose DEEPA (UNITED KINGDOM)
- 35448 OSTEOSYNTHESIS OF DISTAL TIBIAL FRACTURES BY I.M. NAIL AND FIBULAR FIXATION**  
Vijayanand LOKHANDE, Wasudeo GADEGONE (INDIA)
- 35373 OPEN DISTAL TIBIA & ANKLE FRACTURES TREATED WITH INTERNAL AND EXTERNAL STABILIZATION TECHNIQUES**  
Florian M. KOVAR, Johannes LEITGEB, Rupert SCHUSTER, Patrick PLATZER (AUSTRIA)
- 34634 MANAGEMENT OF GRADE 3 OPEN TIBIAL FRACTURES WITH A CIRCULAR FRAME**  
David DICKSON, Yvonne HADLAND, Hemant SHARMA (UNITED KINGDOM)
- 34266 MANAGEMENT OF LARGE BONE GAP BY INTERNAL BONE TRANSPORTATION (RRBT)**  
Rakesh TRIPATHI (INDIA)
- 35414 THE IMPACT OF COMPARTMENT SYNDROME, FASCIOTOMIES, NAILING AND OTHER RISK FACTORS ON TIME TO FRACTURE HEALING AFTER CLOSED AND OPEN GUSTILO-I TIBIAL FRACTURES**  
Suribabu GUDIPATI, Maria Mercedes REVERTE-VINAIXA, Peter GIANNOUDIS (UNITED KINGDOM)

13:30 - 15:00

*Free Papers – Trauma: Tibia II*

*Moderators:*

Steffen RUCHHOLTZ (GERMANY), Parag SANCHETI (INDIA)

- 35971 CAN WE PREDICT ANTERIOR KNEE PAIN AFTER TIBIAL INTRAMEDULLARY NAILING?**  
Prasad SORAGANVI, Ramakanth RAJAGOPALAKRISHNA (INDIA)
- 33956 NAIL POSITION HAS INFLUENCE ON ANTERIOR KNEE PAIN AFTER TIBIAL INTRAMEDULLARY NAILING**  
Nikica DARABOS, Ivana DOVZAK BAJŠ, Aljosa MATEJCIC, Esmat ELABJER, Srećko SABALIC, Tihomir BANIC (CROATIA)
- 35584 ENDERS NAILING IN OPEN TIBIA FRACTURES – STANDING TEST OF TIME**  
Ajoy MANAV, Abhinav SINHA (INDIA)
- 34378 COMBINING PLATES AND NAILS FOR FIXATION OF SEGMENTAL TIBIAL FRACTURES INVOLVING PROXIMAL THIRD**  
Rohit JINDAL, Sandeep GUPTA, Varun AGGARWAL, Sudhir GARG (INDIA)
- 34133 UNREAMED NAILS IN FRACTURES OF THE DISTAL TIBIA**  
Khaled Hamed SALEM (EGYPT)
- 33996 OUTCOME OF INTERLOCKING INTRAMEDULLARY NAILING FOR DISTAL TIBIA FRACTURES**  
Abhijit KAWALKAR, Chandrashekher BADOLE, Akshay PHADKE (INDIA)
- 34005 POSTEROMEDIAL PLATING IN COMPLEX TIBIAL PLATEAU FRACTURES – A CASE SERIES**  
Yuvaraja MURUGAN, Singaravadivelu VAIDYANATHAN (INDIA)
- 34030 FUNCTIONAL OUTCOME OF HIGH-ENERGY DISTAL TIBIAL FRACTURES TREATED USING LOCKED COMPRESSION PLATE**  
Sandeep Ramesh BIRARIS, Vikas Tukaram SONALE, Hitendra Gulabrao PATIL, V.M. KHALEEL, M.C. JOHN (INDIA)
- 34399 THE ROLE OF EXTERNAL FIXATION IN THE PILON FRACTURE MANAGEMENT**  
Andris JUMTINS, Silvestris ZEBOLDS, Ruta JAKUSONOKA (LATVIA)
- 34623 RESULTS OF MINIMALLY INVASIVE OSTEOSYNTHESIS OF PILON FRACTURES**  
Sandeep BISWAL (INDIA)



# Saturday, 19 October

## Hall 1

08:30 - 10:00 *Free Papers – Trauma: Distal Femur*

*Moderators:*

Ashok Kumar DAS (INDIA), Mohammed FADEL (EGYPT)

- 35747 STUDY OF TITANIUM ELASTIC NAILS FIXATION IN FRACTURED SHAFT OF FEMUR OF 6-16-YEAR-OLD CHILDREN**  
Kumar Bhuriya SURESH (INDIA)
- 35481 MANAGEMENT OF DISTAL FEMUR FRACTURE WITH DFN – A CLINICAL STUDY IN 23 CASES**  
Ashok Kumar DAS (INDIA)
- 34590 TO EVALUATE EARLY FUNCTIONAL OUTCOME OF OPEN REDUCTION AND INTERNAL FIXATION OF DISTAL FEMUR UNICONDYLAR FRACTURES WITH CALCANEAL PLATE BY NEER SCORING SYSTEM AT 6 MONTHS**  
Arun MEENA, R.K. VERMA, Sudhir Kumar YADAV, Narendra JOSHI (INDIA)
- 33817 FEMORAL ROTATION AND FRACTURE HEALING FOLLOWING INTRAMEDULLARY NAILING OF FEMORAL SHAFT FRACTURES – THE GENEVA EXPERIENCE**  
Michael BETZ, Joe WAGENER, Hermes MIOZZARI, Axel GAMULIN, Pierre HOFFMEYER, Robin PETER (SWITZERLAND)
- 34580 SURVEY THE RELATIONSHIP BETWEEN IPSILATERAL KNEE INJURY WITH FEMORAL SHAFT FRACTURE**  
Mohammad Kazem EMAMI MEYBODI, Morteza JANNESARI, Alireza RAHIM NIA, Tohid EMAMI MEYBODI (IRAN)
- 35707 FIBULAR GRAFTING TO MANAGE BONE DEFECTS IN SUPRACONDYLAR FRACTURE OF THE FEMUR – A CASE REPORT**  
Abraham VINEET THOMAS, Marimuthu CHANDRASEKARAN, R. NANDAKUMAR (INDIA)
- 33986 MANAGEMENT OF COMPLEX FEMORAL NON-UNION WITH MONORAIL EXTERNAL FIXATOR – A PROSPECTIVE STUDY**  
Hemendra Kumar AGRAWAL, Mohit GARG, Ashish JAIMAN, Sumit BATRA, Vinod Kumar SHARMA (INDIA)
- 35944 ILIZAROV PRINCIPLES IN NON-UNION OF FEMORAL SHAFT FRACTURE**

Mohammed FADEL, Ahmed MOUNIR, Fahd EL HAYAWI, Ali AL SALHI (EGYPT)

**35620 INTER-PROSTHETIC FRACTURES OF FEMUR – A MANAGEMENT CHALLENGE**

Biyyam RAO, Michael MOSS, Lee TAYLOR (UNITED KINGDOM)

**35609 MANAGEMENT OF PERIPROSTHETIC FRACTURES OF DISTAL FEMUR IN ELDERLY USING DISTAL FEMORAL ARTHROPLASTY AND FIXATION! COMPARATIVE STUDY OF OUTCOMES AND COSTS**

Biyyam RAO, Michael MOSS, Adhish AVASTHI, Lee TAYLOR (UNITED KINGDOM)

**34630 FLOATING KNEE INJURIES – PROSPECTIVE ASSESSMENT OF EPIDEMIOLOGY, TREATMENT MODALITIES AND OUTCOMES**

Mahesh KADE, Parag SANCHETI, Ashok SHYAM, Chetan PRADHAN (INDIA)

10:00 - 10:30

*Break*

10:30 - 12:00

*Free Papers – Trauma: Upper Limb - Clavical & Proximal Humerus*

*Moderator:*

G.C. BASAVRAJ (INDIA)

**35893 VERTICAL FRAGMENT SIGN NEEDS PLATING**

Mohan THADI (INDIA)

**35179 CLINICAL AND RADIOGRAPHIC RESULTS OF PROXIMAL HUMERUS FRACTURES TREATED WITH A NEW LOCKING PLATE FIXATION DEVICE – PILOT CLINICAL TRIAL**

Carlo Felice DE BIASE, Giovanni ZIVERI, Marco DELCOGLIANO, Francesca DE CARO, Massimiliano ALESCI, Giovanni PITTALIS, Alessandro CASTAGNA (ITALY)

**34403 HIGH-ENERGY SHOULDER INJURIES AFFECT PROGNOSIS OF SHOULDER JOINT FUNCTION**

Bingwen ZHANG, Wenjun CHEN, Quan ZHANG (CHINA)

**34060 PROXIMAL HUMERAL FRACTURES: CALCIUM SULPHATE AUGMENTATION IN INTERNAL FIXATION**

Karthik SOMASUNDARAM, Chris HUBER, Victor BABU, Hamid ZADEH (UNITED KINGDOM)

**33726 LOCKING PLATE FIXATION OF FRACTURES OF THE PROXIMAL HUMERUS: ANALYSIS OF OUTCOME AND COMPLICATIONS**

Hitendra Gulabrao PATIL, Sandeep Ramesh BIRARIS, V.M.

KHALEEL, M.C. JOHN, Vikas Tukaram SONALE (INDIA)

**33707 INTERNAL FIXATION OF UNSTABLE PROXIMAL HUMERUS FRACTURES: AN INDIAN EXPERIENCE WITH THE PHILOS LOCKING PLATES**

Jefferson GEORGE, Dhanpal SINGH, Senthil NATHAN (INDIA)

**35202 FLOATING SHOULDER: OSTEOSYNTHESIS OF CLAVICLE**

Kodali Siva Rama Krishna PRASAD, Naveed AHMED, Ignatius JOSEPH, Ajay SHARMA (UNITED KINGDOM)

**35815 REVERSE SHOULDER PROSTHESIS IN THE TREATMENT OF FRACTURES OF THE PROXIMAL HUMERUS**

Pedro MARTINS, Rita JERÓNIMO, Álvaro BOTELHO, Joaquim NEVES (PORTUGAL)

**34029 MODULAR SHOULDER HEMIARTHROPLASTY IN THREE- AND FOUR-PART PROXIMAL HUMERAL FRACTURES IN OSTEOPOROTIC BONE: OUR EXPERIENCE**

Sandeep Ramesh BIRARIS, Suhas Kisanrao NIKAM, Darius Fardoon SOONAWALLA, Jamshed J. BUNSHAH (INDIA)

**35182 SURGICAL OUTCOME FOLLOWING MIDDLE 1/3RD FRACTURE CLAVICLE – RESULTS OF ORIF WITH LOCKING PLATE**

Rajesh BAWALE, Onur BERBER, Sanjay SINHA, Bijayendra SINGH (UNITED KINGDOM)

12:00 - 13:30 *Break*

13:30 - 15:00 *Free Papers – Trauma: Upper Limb - Shaft & Distal Humerus*

*Moderators:*

José Sérgio FRANCO (BRAZIL), Hitesh GOPALAN (INDIA)

**35382 COMPARISON BETWEEN FUNCTIONAL OUTCOMES AND COMPLICATIONS BETWEEN MEDIAL VERSUS LATERAL PLATING IN CLOSED FRACTURES OF THE SHAFT OF THE HUMERUS**

Mandar RAILKAR, Rahul SAPRA, R.K. VERMA (INDIA)

**34805 COMPARATIVE STUDY OF HUMERAL SHAFT FRACTURE MANAGEMENT WITH DYNAMIC COMPRESSION PLATING AND INTERLOCKED NAILING AT PERIPHERAL INSTITUTE**

Amol DHAWALE, Vishwanath IYER, Ajit SHINDE (INDIA)

**33763 RESULTS OF NON-UNION OF HUMERUS TREATED WITH RETROGRADE HALDER HUMERAL NAIL**

Bobin VARGHESE, Hinesh BHATT, Subhash HALDER (UNITED KINGDOM)

- 35990 A REVIEW OF CONSERVATIVE AND SURGICAL MANAGEMENT OF DISTAL HUMERAL FRACTURES**  
Ravi RAY, Helen AUNG, Zameer SHAH, Steven CORBETT (UNITED KINGDOM)
- 34529 DIFFERENCE IN FUNCTIONAL OUTCOME OF DISTAL HUMERAL FRACTURES TREATED BY INTERNAL FIXATION WITH OLECRANON OSTEOTOMY VERSUS VAN GORDENER APPROACH**  
Shah Waliullah WALI, Sharma VINEET, Kumar SANTOSH, Kumar ASHISH, Kushwaha NARENDRA (INDIA)
- 34201 CLINICAL OUTCOME ANALYSIS OF PARALLEL PLATE TECHNIQUE IN INTRA-ARTICULAR DISTAL HUMERUS FRACTURES**  
Mohamed Ismail DHEEN (INDIA)
- 33931 CONDYLAR ORIENTATION PLATING IN COMMINUTED INTRA-ARTICULAR FRACTURES OF ADULT DISTAL HUMERUS**  
Achin MURARKA, Sukhendu SARKHEL, Sailendra BHATTACHARYYA (INDIA)
- 35191 LONG-TERM FUNCTIONAL OUTCOME AFTER FRACTURE DISLOCATION OF ELBOWS IN ADULTS**  
Deepthi Nandan ADLA, Ryan CHAU, Murali VENKATESAN, Amit MODI (UNITED KINGDOM)
- 35114 TECHNIQUE FOR OPEN REDUCTION AND INTERNAL FIXATION OF TYPE 4 CAPITELLAR FRACTURES WITH NORMAL FUNCTIONAL OUTCOME**  
Harshil PAREKH, Vishal MANGROLIA (INDIA)

# Saturday, 19 October

## Hall 2

08:30 - 10:00 *Instructional Course – Paediatrics: Foot*

*Moderator:*

Yasser ELBATRAWY (EGYPT)

**SUBTALAR COALITION**

Marc SINCLAIR (UNITED ARAB EMIRATES)

**FLAT FOOT**

Marc SINCLAIR (UNITED ARAB EMIRATES)

**ATYPICAL CLUBFOOT**

Stephanie BOEHM (GERMANY)

**EXPERIENCE OF DOBBS CONSERVATIVE TECHNIQUE FOR VERTICAL TALUS – MINI-WORKSHOP DEMONSTRATION WITH MODEL: HOW TO DO IT**

Yasser ELBATRAWY (EGYPT)

**UPDATE FOR VERTICAL TALUS BY DOBBS TECHNIQUE**

Stephanie BOEHM (EGYPT)

**PAEDIATRIC FOOT IN CEREBRAL PALSY**

Patricia FUCS (BRAZIL)

**TREATMENT ALGORITHMS OF THE NEUROLOGICAL FOOT (PLANOVALGUS AND CAVOVARUS) SUPPORTED BY GAIT ANALYSIS AND POWER STUDY**

Nicola PORTINARO (ITALY)

10:00 - 10:30 *Break*

10:30 - 12:00 *Free Papers – Paediatrics: Foot & Ankle*

*Moderators:*

R.A. AGARWAL (INDIA), Patricia FUCS (BRAZIL)

**35822 SURGICAL MANAGEMENT OF TIBIAL SHAFT FRACTURES IN CHILDREN AND ADOLESCENTS BY USING INTRAMEDULLARY FLEXIBLE NAIL**

Mohsin SYED, Mallikarjun REDDY (INDIA)

- 35215 WHAT DETERMINES THE NUMBER OF CASTS IN CTEV; PIRANI SCORE VS AGE: A RETROSPECTIVE COMPARATIVE STUDY**  
Neeraj GUPTA, Anil AGARWAL (INDIA)
- 33795 MODIFIED PONSETI METHOD OF MANAGEMENT OF NEONATAL CLUBFEET**  
Pavan BELEHALLI, Malhar N. KUMAR, G. CHETHAN (INDIA)
- 34841 PONSETI TECHNIQUE USED FOR CLUBFOOT IN OLDER CHILDREN**  
Xu LI, Qiang SHI, Weiping WU, Dadi JIN (CHINA)
- 34607 PONSETI METHOD IN NEGLECTED CLUBFEET**  
Anil MEHTANI, Alok SUD, Abhinav SINHA (INDIA)
- 35649 MANAGEMENT OF NEGLECTED CLUBFOOT IN CHILDREN USING ILIZAROV AND MINIMAL INVASIVE SURGERY (PROSPECTIVE STUDY)**  
Mohamed Fawzy KANDIL, Mohamed FADEL (EGYPT)
- 33916 UMEX® MINI-EXTERNAL FIXATORS IN COMPLEX CONGENITAL FOOT DEFORMITIES**  
Shreedhar ARANGANATHAN, Clare CARPENTER, Daniel Phillip THOMAS, Hemmadi SANDEEP, Declan O'DOHERTY (UNITED KINGDOM)
- 33887 SEQUENTIAL THERAPY OF VACUUM SEALING DRAINAGE AND PEDICLED FLAP TRANSPLANTATION FOR CHILDREN WITH MOTORCYCLE SPOKE HEEL INJURY**  
Bin YU, Fu DONG, Nan JIANG (CHINA)

12:00 - 13:30

**SICOT General Assembly**

15:00 - 16:00

**Closing Ceremony**

# Saturday, 19 October

## Hall 5

08:30 - 10:00 **Instructional Course – Orthopaedic Microsurgery**

*Moderator:*

Marko BUMBASIREVIC (SERBIA)

**IMPORTANCE OF MICROSURGERY IN ORTHOPAEDICS**

Panayotis SOUCACOS (GREECE)

**EXTREMITY AND DIGITAL REPLANTATIONS**

Raja SABAPATHY (INDIA)

**FREE MICROSURGICAL TISSUE TRANSFERS**

Marko BUMBASIREVIC (SERBIA)

**VASCULARIZED BONE GRAFTS IN ORTHOPAEDICS**

Konstantinos MALIZOS (GREECE)

**VASCULARIZED FIBULAR GRAFT IN TREATMENT OF THE FEMORAL HEAD AVN**

Panayotis SOUCACOS (GREECE)

**HAND TRANSPLANTATION AND VASCULARIZED COMPOSITE TISSUE ALLOGRAFTS IN ORTHOPAEDICS & TRAUMATOLOGY**

Frédéric SCHUIND (BELGIUM)

10:00 - 10:30 *Break*

10:30 - 12:00 **Free Papers – Hand: Trauma & Reconstruction**

*Moderators:*

Werner KNOPP (GERMANY), Sudhir WARRIER (INDIA)

**34996 SCAPHOID NON-UNION – COMPARISON OF 3 FIXATION TECHNIQUES**

Bahubali ASKI, P.K. RAJU K.V. (INDIA)

**34917 DIAMOND TWINSTM PROCEDURE IN SCAPHOID NON-UNIONS**

Werner KNOPP, Klaus DRAENERT (GERMANY)

**34059 RESULTS & OUTCOMES OF TREATMENT OF CHRONIC UNREDUCED PERILUNATE DISLOCATIONS**

Prashanth SHESHAPPA, Abhijeet WAHEGAONKAR, Ajeet TIWARI,

Chetan NERPAGAR (INDIA)

- 34132 DISTAL RADIUS MEASUREMENTS AND EFFICACY OF FIXED ANGLED LOCKING VOLAR PLATES**  
Mahmut Nedim AYTEKIN, Ismail AGIR (TURKEY)
- 35185 AUGMENTED HAMATE REPLACEMENT ARTHROPLASTY IN CHRONIC PIP FRACTURE DISLOCATION: A MODIFICATION**  
Binu THOMAS, Samuel PALLAPATI, George ANDERSON (INDIA)
- 35120 A NEW TECHNIQUE OF SILICON INTERPOSITIONAL METACARPOPHALANGEAL AND INTERPHALANGEAL JOINTS ARTHROPLASTY (JAFRI ARTHROPLASTY)**  
Mohammad Irfanulhaq KHAWAJA, Shehzada Mehmood-UI-Hassan JAFRI, Akram MUHAMMAD (PAKISTAN)
- 35807 EARLY SEQUENCING OF SELECTIVE JOINT STABILISATION AND MUSCULOTENDINOUS TRANSFERS IN THE MANAGEMENT OF BRACHIAL PLEXUS INJURED PATIENTS**  
George ANDERSON, Binu THOMAS, Samuel PALLAPATI (INDIA)
- 35069 EARLY TENDON TRANSFERS IN PERIPHERAL NERVE INJURIES OF THE UPPER AND LOWER EXTREMITY**  
Anil DHAL, Sumit SURAL, Vineet DABAS, Tarun SURI, Ajeesh SANKARAN, Ankit THORA, Purushottam LINGAIAH (INDIA)
- 34055 THE OUTCOME OF COVERAGE OF SOFT TISSUE DEFECTS OF THE HAND WITH RADIAL PERFORATOR FOREARM ISLAND FLAPS**  
Chetan NERPAGAR, Ajeet TIWARI, Prashanth SHESHAPPA, Abhijeet WAHEGAONKAR (INDIA)

12:00 - 13:30 *Break*

13:30 - 15:00 *Symposium –Hand: Carpometacarpal OA of the Thumb*

*Moderator:*

Frédéric SCHUIND (BELGIUM)

**AETIOLOGY, ASSESSMENT, CONSERVATIVE TREATMENT, PREVENTION (INCLUDING SURGICAL TREATMENT OF THE UNSTABLE CARPOMETACARPAL JOINT), TREATMENT OPTIONS**  
Ian LESLIE (UNITED KINGDOM)

**SONOGRAPHIC EVALUATION OF THE INTERPOSED TISSUE AFTER TRAPEZIECTOMY AND FIRST METACARPAL SUSPENSION BY EXTERNAL MINI-FIXATION**

Frédéric SCHUIND, G. PUTTERIE, V. CRÉTEUR, D. MOURAUX, C.



ROBERT, W. EL-KAZZI (BELGIUM)

**TRAPEZIOMETACARPAL PROSTHETIC REPLACEMENT**

Nadine HOLLEVOET (BELGIUM)

**DISCUSSION**

# Saturday, 19 October

## Hall 6

08:30 - 10:00 *Symposium – Early Onset Scoliosis - The Enigma*

*Moderator:*

Ashok JOHARI (INDIA)

### **INTRODUCTION**

Ashok JOHARI (INDIA)

### **SPINE & LUNG GROWTH EVALUATION AND INDICATIONS FOR SURGERY**

Federico CANAVESE (ITALY)

### **CASTING**

George THOMPSON (UNITED STATES)

### **VEPTR**

Federico CANAVESE (ITALY)

### **GROWTH RODS**

George THOMPSON (UNITED STATES)

### **3D CORRECTION WITH MIS GROWTH ROD CONCEPT**

Cody BÜNGER (DENMARK)

### **MAGNETIC GROWING ROD SYSTEM**

Keith LUK (HONG KONG)

### **MANAGING EOS IN THE DEVELOPING WORLD**

Alaa Azmi AHMAD (PALESTINE)

### **DISCUSSION**

10:00 - 10:30 *Break*

10:30 - 12:00 *Free Papers – Spine: Techniques*

*Moderator:*

Huilin YANG (CHINA)

**35885 POSTERIOR SPINE FUSION VS. PERCUTANEOUS FUSION OF THORACOLUMBAR FRACTURES TYPE A WITHOUT NEUROLOGIC COMPROMISE – COMPARATIVE RETROSPECTIVE STUDY**

Raquel CARVALHO, Joaquim BRITO, Marco SARMENTO, António TIRADO, Pedro FERNANDES (PORTUGAL)

- 35709 POSTERIOR APPROACH IN THORACOLUMBAR TUBERCULOSIS: A CLINICAL AND RADIOLOGICAL REVIEW OF 67 OPERATED CASES**  
Nikhil JOSHI, Kapil MOHAN, Saurabh RAWALL, Abhay NENE (INDIA)
- 35563 MANAGEMENT OF THORACOLUMBAR BURST FRACTURES WITH A NEW POSTERIOR REDUCTION TECHNIQUE**  
Kamil Cagri KOSE, Mustafa Erkan INANMAZ, Hakan BASAR, Islam CALISKAN (TURKEY)
- 35836 DIAGNOSTIC ACCURACY OF TRANSPEDICULAR VERTEBRAL BODY BIOPSY**  
Rohit JINDAL, Pranaw KUMAR, Sudhir GARG (INDIA)
- 34525 KYPHOPLASTY USING 'PROPER TIME, LOW PRESSURE, SLOWLY, STAGED CEMENT INJECTION TECHNIQUE' FOR THE TREATMENT OF OSTEOPOROTIC VERTEBRAL COMPRESSION FRACTURES**  
Huilin YANG, Tao LIU (CHINA)
- 34351 CAUDA EQUINA LESIONS IN LUMBAR SPINE FRACTURES: ROLE OF DELAYED SURGERY**  
Viral PAPAIYA, Mihir BAPAT, Kiran PAKNIKAR, Mehendi ANSARI (INDIA)
- 34339 THE CLINICAL AND RADIOGRAPHIC RESULTS OF UNILATERAL TRANSFORAMINAL LUMBAR INTERBODY FUSION (TLIF) USING ONE DIAGONAL Z-CAGE WITH SUPPLEMENTAL TRANSPEDICULAR SCREW/ROD INSTRUMENTATION FOR SYMPTOMATIC LUMBAR DISEASE**  
Jie ZHAO, Kai ZHANG, Youzhuan XIE, Wei SUN (CHINA)
- 35560 POSTOPERATIVE CEREBROSPINAL FLUID LEAK OF THE SPINE SURGERY: TREATED WITH PERCUTANEOUS EPIDURAL BLOOD PATCH**  
Kamil Cagri KOSE, Mustafa Erkan INANMAZ, Hakan BASAR, Emre BAL (TURKEY)
- 35016 CPK, MRI, OR EMG? WHICH INDICATOR IS MORE EFFECTIVE FOR ASSESSMENT OF MUSCULUS SACROSPINALIS INJURY AFTER LUMBAR SURGERY**  
Feizhou LU, Hongli WANG, Xiaosheng MA, Xinlei XIA, Lixun WANG (CHINA)
- 34276 USE OF SINGLE-DOSE TRANEXAMIC ACID TO REDUCE BLOOD LOSS IN OPERATIVE THORACOLUMBAR TRAUMA: A RANDOMIZED TRIAL**

Sarvdeep DHATT, Bhavuk GARG, Mandeep DHILLON (INDIA)

12:00 - 13:30

*Break*

13:30 - 15:00

*Free Papers – Spine: Minimally Invasive*

*Moderators:*

Thamer HAMDAN (IRAQ), Ajoy P. SHETTY (INDIA)

**35714 PROSPECTIVE STUDY TO EVALUATE THE MINIMAL INVASIVE DECOMPRESSION IN LUMBAR SPINAL STENOSIS**

Wolfram TESKE, Janine FLOR, Sonja ZIRKE, Matthias LAHNER, Thomas LICHTINGER, Christoph VON SCHULZE PELLENGAHR (GERMANY)

**33937 ENDOSCOPIC LUMBAR DISCECTOMY: RESULTS IN 300 PATIENTS**

Paresh DEY (INDIA)

**33782 MICRO-ENDOSCOPIC DECOMPRESSION IN LUMBAR SPINAL STENOSIS**

Mohinder KAUSHAL (INDIA)

**35561 WHICH LUMBAR INTERBODY FUSION TECHNIQUE IS BETTER IN TERMS OF L5-S1 FOR THE TREATMENT OF DEGENERATIVE DISORDERS?**

Kamil Cagri KOSE, Mustafa Erkan INANMAZ, Hakan BASAR, Emre BAL, Islam CALISKAN (TURKEY)

**34447 APPLICATION OF INTERSPINOUS DYNAMIC STABILIZATION SYSTEM IN TREATING LUMBAR DEGENERATIVE DISEASE**

Chao ZHENG, Ji WU (CHINA)

**34164 OSTEOPOROTIC FRACTURES WITH NEUROLOGICAL DETERIORATION: RADIOLOGICAL PATTERNS AND SURGICAL MANAGEMENT PROTOCOL**

Kiran PAKNIKAR, Mihir BAPAT, Viral PAPAIIYA, Mehandi ANSARI (INDIA)

**34217 EARLY VERTEBROPLASTY AS A SALVAGE PROCEDURE IN MORBID ELDERLY PATIENTS**

Musale VILAS, Kiran PAKNIKAR, Mihir BAPAT, Viral PAPAIIYA (INDIA)

**34594 THE ROLE OF VESSEL-X, VESSEL-LOCK, AND SRHA CEMENT IN THE TREATMENT OF OSTEOPOROTIC VERTEBRAL COMPRESSION PROBLEMS**

Aloysius Bambang DARWONO (INDONESIA)

**34542 INFLUENCE OF SAGITTAL ALIGNMENT OF SPINE ON  
SPONDYLOLISTHESIS SURGICAL RESULTS**

Zoubaier ELLOUZ, Mourad AOUI, Zied BELLAAJ, Chiheb BAHLOUL,  
Ameur ABID, Wajdi BOUAZIZ, Slim MOALLA, Fakher GDOURA,  
Kamel AYADI, Hassib KESKES (TUNISIA)

**34464 MISSILE INDUCED PERIPHERAL NERVE INJURY**

Thamer HAMDAN (IRAQ)

# Saturday, 19 October

## MR G.01 & MR G.02

08:30 - 10:00 *Instructional Course – Shoulder & Elbow: Elbow Instability*

*Moderators:*

Ravi MITTAL (INDIA), Hatem SAID (EGYPT)

### **ANATOMY AND BIOMECHANICS**

Ravi MITTAL (INDIA)

### **ACUTE ELBOW INSTABILITY: TERRIBLE TRIAD**

Hatem SAID (EGYPT)

### **ACUTE LIGAMENTOUS INJURY – DIAGNOSIS & REPAIR**

Vikas GUPTA (INDIA)

### **DIAGNOSIS & MANAGEMENT OF CH LIGAMENT INSTABILITY**

Nuri AYDIN (TURKEY)

### **CASE PRESENTATIONS/DISCUSSION**

10:00 - 10:30 *Break*

10:30 - 12:00 *Free Papers – Shoulder & Elbow: Soft Tissue Reconstruction*

*Moderators:*

Ravi MITTAL (INDIA), Angus WALLACE (UNITED KINGDOM)

**35950 THE MANAGEMENT OF STERNO-CLAVICULAR DISRUPTIONS**

Angus WALLACE, David THYAGARAJAN, Vinod KUMAR (UNITED KINGDOM)

**35887 LONG-TERM OUTCOME OF ACROMIOCLAVICULAR JOINT RECONSTRUCTION USING HAMSTRING TENDON**

Mayur PURANDARE, Ashish BABHULKAR (INDIA)

**35400 ARTHROSCOPIC SINGLE ROW VS DOUBLE ROW ROTATOR CUFF REPAIR – A COMPARATIVE STUDY**

Jayaprasad PEDDABHEMANNAVARISAVARANNA, Kamaraj CHENNAPAN, Sai Phani BALIJEPALLI, Sridhar Reddy RAKASI, Chirag RASIKLAL PATEL (INDIA)

**34827 COMPARISON OF EARLY VS. DELAYED REPAIR OF ACUTE ROTATOR CUFF TEARS IN ADULTS <70 YRS OF AGE**

Deepthi Nandan ADLA, Vishal PATEL, Ryan CHAU, Saurab METHA,  
Alison ARMSTRONG (UNITED KINGDOM)

**34065 OUTCOME OF SURGICAL REPAIR OF PECTORALIS MAJOR  
TENDON RUPTURE**

Amirreza FARHOUD, Mohammadreza GUILTY, Arash  
SHARAFATVAZIRI (IRAN)

**34612 HOW TO ASSESS SCAPULAR DYSKINESIS PRECISELY: THREE-  
DIMENSIONAL WING CT, A NEW DIAGNOSTIC MODALITY**

Dheeraj MAKKAR, Jin Young PARK, Kwang Mo KIM (SOUTH  
KOREA)

**34057 RESULTS AND OUTCOMES OF LIGAMENT RECONSTRUCTION FOR  
THE TREATMENT OF CHRONIC POSTEROLATERAL INSTABILITY OF  
THE ELBOW**

Abhijeet WAHEGAONKAR, Ajeet TIWARI, Chetan NERPAGAR,  
Prashanth SHESHAPPA (INDIA)

**34043 ARTHROSCOPIC ELBOW SYNOVECTOMY IN RHEUMATOID  
ARTHRITIS: COMPARISON WITH INTRA-ARTICULAR STEROID  
INJECTION**

Ravi MITTAL, Hira Lal NAG, Vivek SHANKAR, Pankaj SHARMA  
(INDIA)

**35763 FUNCTIONAL OUTCOMES OF PRIMARY TOTAL ELBOW  
REPLACEMENTS COMPARING TWO SURGICAL APPROACHES**

Srinath KAMINENI<sup>1</sup>, HariKrishna ANKEM<sup>2</sup>  
<sup>1</sup>(UNITED STATES), <sup>2</sup>(INDIA)

12:00 - 13:30 *Break*

13:30 - 15:00 *Free Papers – Quality of Life*

*Moderators:*

Hitendra DOSHI (SINGAPORE), Vijay SHETTY (INDIA)

**35727 QUALITY OF LIFE IN POST-TRAUMATIC ORTHOPAEDICALLY  
HANDICAPPED PATIENTS**

Anil Kumar GULIA, Prerna MALIK, R.C. SIWACH (INDIA)

**35513 FALLS AND FRACTURES PREVENTION WORK IN OUR HOSPITAL:  
MOST RECENT RESULTS**

Masanori IMABAYASHI (JAPAN)

**35170 CRITICAL APPRAISAL OF AMERICAN KNEE SOCIETY SCORE,  
OXFORD KNEE SCORING AND WOMAC FOR PATIENTS WITH  
KNEE ARTHRITIS AND FOLLOWING TOTAL KNEE REPLACEMENT**

Ravi MALLINA, Vijayaraj RAMASAMY, Kumaraguru

ARUNACHALAM, B. ILANGO (UNITED KINGDOM)

**35134 INFLUENCE OF PHYSICAL, STRUCTURAL, AND BIOLOGICAL FACTORS TO THE MID-TERM OUTCOME AND QUALITY OF LIFE IN FRACTURE NECK OF FEMUR PATIENTS – A SRI LANKAN STUDY COMPARED TO A COHORT IN ENGLAND**

Kalana RATHNAYAKE<sup>1</sup>, Loku Kankanamge Don Chandana Rathna KARUNATHILAKA<sup>2</sup>, Narendra PINTO<sup>1</sup>, Ramesh THALAVA<sup>2</sup>, Sanjay DEO<sup>2</sup>, Arulchelvi NALLAINATHAN<sup>1</sup>  
<sup>1</sup>(SRI LANKA), <sup>2</sup>(UNITED KINGDOM)

**33627 ABBREVIATED MENTAL TEST SCORE AS A GUIDE FOR PATIENT CONSENTING AND PREDICTING MORTALITY AFTER ORTHOPAEDIC SURGERY – A NEED FOR RE-LOOK**

Arash AFRAMIAN, Gautam Deepak TALAWADEKAR, Pouya AKHBARI, M. QURESHI, Sathya MURTHY (UNITED KINGDOM)

**34683 ORTHOGERIATRIC MODEL FOR HIP FRACTURE MANAGEMENT – THE SINGAPORE EXPERIENCE**

Hitendra DOSHI, Josephine AZZELARASI, Wendy KOO, Serena CHUA, William CHAN, Rani RAMASON, Ganesan NAIDU (SINGAPORE)

**34270 MANAGEMENT OF NECK OF FEMUR FRACTURES – BASED ON NATIONAL INSTITUTE OF CLINICAL EXCELLENCE GUIDELINES**

Syed Shaheem AHMED, Saqib JAHANGIRI, Aisha RAZIK, Ravi KOKA (UNITED KINGDOM)

**34108 ENHANCED RECOVERY PROGRAMME IN PRIMARY HIP AND KNEE ARTHROPLASTY! DOES IT REALLY WORK FROM INCEPTION?**

Biyyam RAO, Adhish AVASTHI, Richard HILL, Cathryn EITEL (UNITED KINGDOM)

**34651 ASSESSMENT OF QUALITY OF LIFE AFTER REVISION TOTAL HIP ARTHROPLASTY**

Amol NARKHEDE (INDIA)

**34292 INEVITABLE 2ND SURGERY**

Rajendra CHANDAK (INDIA)



# Saturday, 19 October

## MR G.03 & MR G.04

08:30 - 10:00 *Symposium – How to Write an Article*

*Moderators:*

Cyril MAUFFREY (UNITED STATES), Marius SCARLAT (FRANCE)

### **INTERNATIONAL ORTHOPAEDICS AND THE EDITOR'S POINT OF VIEW**

Marko PECINA (CROATIA)

### **WRITING A RESEARCH PAPER**

Cyril MAUFFREY (UNITED STATES)

### **REVIEWING A PAPER**

Anil JAIN (INDIA)

### **THE SKILLS OF A GOOD MEDICAL WRITER**

Luca PIERANNUNZII, Marco D'IMPORZANO (ITALY)

### **THE END RESULT OF A PUBLICATION: NOTORIETY, IMPACT FACTOR, INTRINSIC VALUE**

Marius SCARLAT (FRANCE)

10:00 - 10:30 *Break*

10:30 - 12:00 *Symposium – Orthopaedic Education - How can SICOT contribute?*

*Moderator:*

Ashok JOHARI (INDIA)

### **INTRODUCTION – MODERNIZING THE CURRICULUM**

Ashok JOHARI (INDIA)

### **EVIDENCE BASED EDUCATION**

Cody BÜNGER (DENMARK)

### **REGIONAL TEACHING PROGRAMS & COURSES**

Syed AWAIS (PAKISTAN)

### **EDUCATION CENTRES – A CRITICAL LOOK**

Maurice HINSENKAMP (BELGIUM)

**E-LEARNING, WEBINARS & INNOVATIONS**

Ashok JOHARI (INDIA)

**FELLOWSHIPS & SCHOLARSHIPS / BILATERAL EXCHANGES**

Hatem SAID (EGYPT)

**CONGRESSES**

Jochen EULERT (GERMANY)

**EXAMINATIONS & CERTIFICATION**

Marc PATTERSON (UNITED KINGDOM)

**SUBSPECIALITY DEVELOPMENT**

Keith LUK (HONG KONG)

**MENTORSHIP**

Nanjundappa S. HARSHAVARDHANA (UNITED KINGDOM)

**DISCUSSION**

12:00 - 13:30

*Break*

13:30 - 15:00

***Symposium – Neglected Problems in the Developing World - Effective Strategies for Prevention***

*Moderator:*

Ashok JOHARI (INDIA)

**THE SCENARIO OF NEGLECT IN THE DEVELOPING WORLD – CAUSES**

Ashok JOHARI (INDIA)

**NEGLECT – SPECIFIC PROBLEMS AND SOLUTIONS FOR PREVENTION – DDH**

Ken KUO (TAIWAN)

**CLUBFEET**

Deven TANEJA (INDIA)

**INFECTIONS**

Haroon K.T. RAZA (INDIA)

**TRAUMA**

Imran SHAH (PAKISTAN)

**SPINAL DEFORMITIES**

Dato SIVANANTHAN (MALAYSIA)

**EFFECTIVE STRATEGIES AND RECOMMENDATIONS (PANEL DISCUSSION)**

## **SUMMING UP**

Ashok JOHARI (INDIA)

# Saturday, 19 October

## MR G.05 & MR G.06

08:30 - 10:00

### Instructional Course – Trauma: Hands-on Workshop on External Fixation

*Moderator:*

Maurice HINSENKAMP (BELGIUM)

#### **HAND-WRIST / UPPER LIMB / PELVIS-HIP / FEMUR-KNEE-TIBIA / ANKLE-FOOT**

Maurice HINSENKAMP<sup>1</sup>, Franz BURNY<sup>1</sup>, Monique DONKERWOLCKE<sup>1</sup>, Frédéric SCHUIND<sup>1</sup>, Jean Gustave TSIAGADIGUI<sup>2</sup>  
<sup>1</sup>(BELGIUM), <sup>2</sup>(CAMEROON)

10:00 - 10:30

*Break*

10:30 - 12:00

### Free Papers – Trauma: Minimally Invasive

*Moderators:*

*(to be confirmed)*

- 33830 TREATMENT OF DISPLACED MID-CLAVICLE FRACTURES BY CLOSED TITANIUM ELASTIC NAIL**  
Hrushikesh SARAf, Sarang KASTURE (INDIA)
- 35965 MINIMALLY INVASIVE DHS: IS IT WORTH THE HASSLE? A PROSPECTIVE RANDOMISED STUDY**  
Avinash MISHRA, Sudarshan REDDY, Praveen MEREDDY, Anand NARAGANI, Narayana PRASAD B. (INDIA)
- 34316 DISTAL TIBIA FRACTURES – WHICH IS BETTER: INTRAMEDULLARY NAILING OR MIPPO?**  
Abhijit KAWALKAR, Chandrashekher BADOLE (INDIA)
- 34577 MANAGEMENT OF FRACTURES OF THE DISTAL THIRD TIBIA BY MINIMALLY INVASIVE PLATE OSTEOSYNTHESIS**  
Siddhartha PALUVADI VENKATA, Hitesh LAL, Deepak MITTAL, Rahul KHARE, Vinod Kumar SABHARWAL (INDIA)
- 34860 FUNCTIONAL EFFECTS OF MALROTATION AFTER TREATMENT OF DISTAL TIBIAL METAPHYSEAL FRACTURE WITH MIPPO**  
Osman TECIMEL, Ahmet FIRAT (TURKEY)

- 35742 PERCUTANEOUS WIRE FIXATION OF FRACTURES OF PATELLA – A MINI-INVASIVE APPROACH**  
Yogesh PUROHIT, Govindbhai PUROHIT (INDIA)
- 35389 MIS PLATING OF IMPLANT-STABLE SUPRACONDYLAR PERIPROSTHETIC FEMORAL FRACTURES: PROS AND CONS? RESULTS IN 16 CASES**  
Rajiv THUKRAL, Sanjiv K.S. MARYA (INDIA)
- 35435 EARLY RETURN TO FUNCTION IN PROXIMAL HUMERAL FRACTURES WITH MINIMAL INVASIVE PROXIMAL HUMERAL NAILING – A REVIEW OF 57 CASES**  
Pritish KHARDIKAR, Prakash DOSHI, Sachin BHAT (INDIA)
- 35837 TENDO-ACHILLES REPAIR BY EXTERNAL FIXATOR**  
Santosh SHARMA, Jay SHARMA, Sadhna SHARMA (INDIA)
- 34532 ACCURACY AND COMPLICATIONS OF CT-GUIDED, PERCUTANEOUS ILIOSACRAL SCREWS IN UNSTABLE DORSAL PELVIC RING INJURIES**  
Oliver PIESKE, Christoph LANDERSDORFER, Christoph TRUMM, Bianka RUBENBAUER (GERMANY)
- 34251 DRILLING OF BONE: MODELLING AND OPTIMIZATION OF THE TEMPERATURE PRODUCED**  
Sudhansu S. PANDA, Rupesh K. PANDEY (INDIA)

12:00 - 13:30 *Break*

13:30 - 15:00 *Free Papers – Trauma: General Trauma*

*Moderator:*

Elena SHCHEPKINA (RUSSIA)

- 35598 DOES BLOOD TRANSFUSION INCREASE RISK OF MORTALITY IN HIP FRACTURE SURGERY?**  
Venugopal GUDURI, Shahzad SADIQ, Mohammad Usman KHATTAK (UNITED KINGDOM)
- 35095 INNOVATIVE NEGATIVE PRESSURE-ASSISTED WOUND CLOSURE SYSTEM**  
Pradyumna Krishna MAJUMDAR, Narender Kumar MAGU (INDIA)
- 34747 DRESSING WOUNDS WITH GLYCEROL – IS IT THE TIME TO ABANDON NORMAL SALINE FOR DRESSING OPEN FRACTURE WOUNDS?**  
Sourabh CHACHAN, Barsha TUDU, Biswajit SAHU (INDIA)

- 34725 THE INCIDENCE OF THROMBOEMBOLIC EVENTS IN PATIENTS WITH LOWER LIMB INJURIES**  
Aditya PRINJA, Jagwant SINGH, Mark LOEFFLER (UNITED KINGDOM)
- 34047 INHALATIONAL STEROID IN PROPHYLAXIS OF POST-TRAUMATIC FAT EMBOLISM SYNDROME**  
S.S. SHIVAPRAKASH, Ramesh SEN (INDIA)
- 33720 CHANGING PERCEPTIONS WITH A UNIQUE MODEL OF COMBINED ORTHOPAEDIC GERIATRIC CO-CARE FOR HIP FRACTURE PATIENTS AT A TEACHING HOSPITAL**  
Rahul BHATTACHARYYA, Yuvraj AGRAWAL, Heather ELPHICK, Chris BLUNDELL (UNITED KINGDOM)
- 34789 TREATMENT OF LONG BONE DEFECTS WITH THE INDUCED MEMBRANE TECHNIQUE**  
Suribabu GUDIPATI, Paul HARWOOD, Nikolaos KANAKARIS, Peter GIANNOUDIS (UNITED KINGDOM)
- 33686 USE OF ILIZAROV FOR TREATMENT OF 17 CASES OF IMPLANT FAILURE WITH NON-UNION**  
Mohamed ELDEEB (SAUDI ARABIA)
- 34505 COMBINED AND SEQUENTIAL USE OF EXTERNAL FIXATION AND NAILING IN RECONSTRUCTIVE SURGERY OF LONG BONES**  
Elena SHCHEPKINA, Leonid SOLOMIN, Pavel KULECH, Ivan LEBEDKOV (RUSSIA)
- 34668 MANAGEMENT OF BUERGER'S DISEASE BY ILIZAROV'S TECHNIQUE**  
Ankit CHOUHAN, Devi Sahai MEENA (INDIA)

# Saturday, 19 October

## MR 1.05 & MR 1.06

08:30 - 10:00 *Free Papers – Trauma: Upper Limb - Distal Radius*

*Moderator:*

Ian LESLIE (UNITED KINGDOM)

- 33934 AN INNOVATIVE TECHNIQUE FOR FIXATION OF MASON TYPE II AND RADIAL NECK FRACTURES IN ADULTS**  
Aditya Krishna MOOTHA (INDIA)
- 35968 EARLY FUNCTIONAL OUTCOME AFTER AN INDIGENOUS NON-BRIDGING EXTERNAL FIXATOR FOR FRACTURES OF THE DISTAL RADIUS**  
Jay Santosh Kumar SHARMA (INDIA)
- 35952 MULTIPLE VARIETY ANGLE VOLAR LOCKING PLATING FOR DISTAL RADIUS FRACTURES**  
Martin MAJEWSKI (SWITZERLAND)
- 34523 DISTAL RADIAL FRACTURES: A COMPARISON OF THE RESULTS OF A NON-BRIDGING EXTERNAL FIXATION, A BRIDGING EXTERNAL FIXATION AND AN ORIF (OPEN REDUCTION AND INTERNAL FIXATION) TECHNIQUE**  
Domenico POTESIO, Emmanouil THEODORAKIS, Filippo LAURENTI (ITALY)
- 34755 DIAGNOSING DELAYED AND NON-UNIONS – ARE X-RAYS GOOD ENOUGH?**  
Biswajit SAHU, Barsha TUDU, Sourabh CHACHAN (INDIA)
- 35166 CORRECTIVE OSTEOTOMY OF MALUNITED DISTAL RADIUS USING VOLAR LOCKING PLATE AND BONE GRAFT SUBSTITUTE**  
Mohan Krishna PULLAGURA, Kiran SINGISETTI, Alan MIDDLETON (UNITED KINGDOM)
- 34075 NON-SCAPHOID CARPAL INJURIES – INCIDENCE AND ASSOCIATED INJURIES**  
Anantha Krishnan RAGHUPATHI, Prathap KUMAR (UNITED KINGDOM)
- 33831 TREATMENT OF MASON'S TYPE II RADIAL HEAD FRACTURE BY CLOSED MINI-EXTERNAL FIXATOR – A NOVEL TECHNIQUE**  
Hrushikesh SARAF, Sarang KASTURE (INDIA)

**33690 DYNAMIC EXTERNAL FIXATION AND PERCUTANEOUS PINNING FOR THE MANAGEMENT OF UNSTABLE DISTAL RADIUS FRACTURES**

Mohamed Altayeb MUSSA<sup>1</sup>, Adel Refaat AHMED<sup>2</sup>, Mohamed Mostafa EL-HENAWI<sup>2</sup>, Mohamed Adel WANAS<sup>2</sup>  
<sup>1</sup>(UNITED KINGDOM), <sup>2</sup>(EGYPT)

**35234 ONE BONE FOREARM RECONSTRUCTION, A SIMPLE SOLUTION**

Devendra AGRAHARAM, Dheenadhayalan JEYARAMARAJU (INDIA)

10:00 - 10:30

*Break*

10:30 - 12:00

**WOC Symposium – In-Service Training in LMIC: A Regional Problem for SE Asia**

*Moderator:*

Michael LAURENCE (UNITED KINGDOM)

**NON-UNION, THE WHY AND HOW (AN INTRODUCTORY ESSAY ON UNION AND ITS OCCASIONAL FAILURE, INDICATIONS FOR SURGICAL INTERVENTION)**

Michael LAURENCE (UNITED KINGDOM)

**AN OPEN DEBATE ON THE ORGANIZATION OF SURGICAL TRAINING – ITS DISTINCTION FROM TEACHING, AND INVOLVEMENT WITH SERVICE (BASED UPON A SCHEME OF TRAINING IN KATHMANDU, IN COLLABORATION WITH DHAKA (NITOR) AND ASSOCIATION WITH YANGON)**

Ram Kewal SHAH<sup>1</sup>, Geoffrey WALKER<sup>2</sup>, Iqbal QAVI<sup>3</sup>, Thit LWIN<sup>4</sup>, Anil JAIN<sup>3</sup>, Bikram SHRESTHA<sup>1</sup>  
<sup>1</sup>(NEPAL), <sup>2</sup>(UNITED KINGDOM), <sup>3</sup>(INDIA), <sup>4</sup>(MYANMAR)

**DAMAGE CONTROL ORTHOPAEDICS**

Arindam BANERJEE (INDIA)

**REPAIR OF RUPTURE OF THE ACL – SANS RESOURCE**

Michael MOWBRAY<sup>1</sup>, Nittin SHETTY<sup>2</sup>  
<sup>1</sup>(UNITED KINGDOM), <sup>2</sup>(INDIA)

**SUMMARY**

Anil JAIN (INDIA)

12:00 - 13:30

*Break*

13:30 - 15:00

**Symposium – Upper Extremity Lengthening & Complications of Limb Lengthening**

*Moderator:*

Gamal HOSNY (EGYPT)



**JOINT STIFFNESS DURING LIMB LENGTHENING**

Saw AIK (MALAYSIA)

**UPPER EXTREMITY LENGTHENING**

Kamal ALGAAFARY (EGYPT)

**POOR REGENERATE IN CASES OF DISTRACTION OSTEOGENESIS**

Gamal HOSNY, Bahaa KORNAH (EGYPT)

**KNEE SUBLUXATION DURING LOWER LIMB LENGTHENING**

Gamal HOSNY (EGYPT)

**PIN TRACK INFECTION & AXIAL DEVIATION**

Cengiz SEN (TURKEY)

**FOREARM DEFORMITY CORRECTION AND LENGTHENING**

James FERNANDES (UNITED KINGDOM)

# Saturday, 19 October

## MR 1.01 & MR 1.02

08:30 - 10:00 *Short Oral Communications – Tumours*

*Moderators:*

Mayil Vahanan NATARAJAN (INDIA), Dominique POITOUT (FRANCE)

- 35779 CURETTAGE OF BENIGN BONE TUMOURS AND TUMOUR-LIKE LESIONS WITHOUT FILLING THE CAVITY: OUTCOME IN 42 LESIONS**  
Sukhbir Singh SANGWAN, Zile Singh KUNDU (INDIA)
- 34285 BIOLOGICAL RECONSTRUCTION FOR CERVICOTROCHANTERIC LYTIC LESIONS OF FEMUR: A CASE SERIES**  
Rohit Singla ROHIT, Zile Singh KUNDU (INDIA)
- 34772 SURGICAL TREATMENT FOR FIBROUS DYSPLASIA OF BONE INVOLVING PROXIMAL FEMUR**  
Yi LUO, Fan ANG, Xuelei ZHANG, Yong ZHOU, Li MIN, Chang ZOU, Chongqi TU (CHINA)
- 34998 INTRAOSSEOUS LIPOMA AND SIMPLE BONE CYST OF THE CALCANEUS: A COMPARATIVE STUDY**  
Jun TAKADA, Manabu HOSHI, Naoto OEBISU, Tadashi IWAI, Koji MANDAI, Makoto IEGUCHI, Hiroaki NAKAMURA (JAPAN)
- 34386 GIANT CELL TUMOUR OF BONE SURGICAL TREATMENT**  
Ibrahim Saleh ALSHAYGY, Fawzi ALJASSIR (SAUDI ARABIA)
- 34367 TREATMENT OPTIONS FOR RECURRENT GIANT CELL TUMOURS OF BONE**  
Feiyan CHEN, Jun XIA, Yibing WEI, Siquan WANG (CHINA)
- 33538 LIMB PRESERVATION IN RECURRENT GIANT CELL TUMOUR OF DISTAL END OF RADIUS WITH PATHOLOGICAL FRACTURE – ROLE OF ULNOCARPAL ARTHRODESIS**  
Narinder KUMAR (INDIA)
- 33776 UNCOMMON SITES OF PRESENTATION OF ANEURYSMAL BONE CYSTS**  
Vikram KHANNA, Sanjeev SINGHAL, Umesh PARASHARI, Sudhir SINGH (INDIA)

- 35153 BENIGN CHONDROMATOSIS IN ANATOMICALLY "TIGHT" PLACES**  
Ivan GEROV, Sergei STOYANOV, Nedelcho TZACHEV (BULGARIA)
- 35843 OSTEOCHONDROMA: OUR EXPERIENCE OVER 15 YEARS WITH 87 CASES OF SURGICAL EXCISION THEIR INDICATIONS AND COMPLICATIONS**  
Nishant JAIN, Zile Singh KUNDU, Narender Kumar MAGU, Anil HOODA (INDIA)
- 34045 PERCUTANEOUS CT-GUIDED LASER ABLATION OF OSTEOID OSTEOMA IN CLINICORADIOLOGICALLY CONFIRMED DIAGNOSIS**  
Srinivas KASHA, M.V. CHALPATHIRAO (INDIA)
- 33608 RESECTION AND RECONSTRUCTION OF AGGRESSIVE BENIGN BONE TUMOUR BY AUTOLOGOUS BONE GRAFT – A LONG-TERM RESULT**  
Mukesh PARUTHI, Rajesh CHOPRA, Surinder Mohan TULI (INDIA)
- 34402 PRIMARY EWING'S SARCOMA OF THE SPINE IN A 2-YEAR-OLD BOY**  
Electricwala ALI, Electricwala JAFFER (INDIA)
- 34115 HIGH EXPRESSION OF SURVIVING IN SACRAL CHORDOMA**  
Zong Ping LUO, Chao CHEN, Huilin YANG, Xi CHEN (CHINA)
- 33567 RESULTS OF WIDE EXCISION AND RADIOTHERAPY IN HIGH-GRADE SOFT TISSUE SARCOMAS**  
Reetadyuti MUKHOPADHYAY, Zile Singh KUNDU, Paritosh GOGNA (INDIA)
- 35208 PROSTHETIC KNEE REPLACEMENT AFTER RESECTION OF A MALIGNANT TUMOUR OF THE DISTAL FEMUR: MEDIUM-TERM RESULTS**  
Xuelei ZHANG, Yi LUO, Yi WEN, Chang ZOU, Yong ZHOU, Li MIN, Hong DUAN, Chongqi TU (CHINA)
- 34760 FINITE ELEMENT ANALYSIS OF CUSTOM ENDOPROTHESIS STEM LENGTH IN DISTAL FEMUR RECONSTRUCTION**  
Yi LUO, Fan TANG, Yong ZHOU, Chang ZOU, Yi WEN, Chongqi TU (CHINA)
- 33553 RESULTS OF WIDE EXCISION AND RADIOTHERAPY IN HIGH-GRADE SOFT TISSUE SARCOMAS OF THE EXTREMITIES**  
Reetadyuti MUKHOPADHYAY, Zile Singh KUNDU, Paritosh GOGNA (INDIA)

*Moderator:*  
Charles RIVIÈRE (CANADA)

- 35021 CONSTRAINED INSERTS COMBINED WITH PRIMARY TKA COMPONENTS FOR MANAGEMENT OF MILD CORONAL INSTABILITY**  
Ong ALVIN, Zachary POST, Claudio DIAZ-LEDEZMA, Fabio OROZCO (UNITED STATES)
- 34511 CLINICAL AND BIOMECHANICAL EVALUATIONS OF TWO DIFFERENT DESIGNS OF TOTAL KNEE ARTHROPLASTY**  
Charles RIVIÈRE, Martin LAVIGNE, Pascal André VENDITTOLI, Michel RAHMÉ, Alexandre FUENTES, Alexandre RENAUD (CANADA)
- 34180 OUTCOME AND SAFETY OF UNILATERAL VS. BILATERAL TOTAL KNEE ARTHROPLASTY IN PATIENTS AGED LESS THAN 60 YEARS – A COMPARATIVE STUDY**  
Ashwin Kumar ANANTHAKRISHNAN HEMALATHA, Uday Krishna MYNENI (INDIA)
- 34111 IN VIVO GAP ANALYSIS IN VARIOUS KNEE FLEXION ANGLES DURING NAVIGATION-ASSISTED TOTAL KNEE ARTHROPLASTY**  
Jae-Hyuk YANG, Jung-Ro YOON, Woo-Seung LEE, Gi-Won CHOI (SOUTH KOREA)
- 33555 LIGAMENT ADVANCEMENT, ENHANCEMENT AND RECONSTRUCTION IN PRIMARY TOTAL KNEE ARTHROPLASTY**  
Saurabh AGARWAL, Rajeev Kumar SHARMA (INDIA)
- 33950 RESULTS OF BONE DEFECTS IN PRIMARY KNEE ARTHROPLASTY TREATED USING WIRE MESH AND MORSELLISED IMPACTION AUTOGRAFTING**  
Mrinal SHARMA, Yatindra KHARBANDA (INDIA)
- 34836 MANAGEMENT OF THE TIBIAL BONE DEFECT WITH AUTOGRAFT IN PRIMARY TOTAL KNEE ARTHROPLASTY**  
Sanjib Kumar BEHERA, Rahul PARDIPURAM (INDIA)
- 34308 ARTHROPLASTY IN PERSONS WITH HEMOPHILIA IN INDIAN SCENARIO**  
Shubhranshu Shekhar MOHANTY, Kumar Kaushik DASH (INDIA)
- 34179 TOTAL KNEE ARTHROPLASTY IN HAEMOPHILIC ARTHROPATHY WITH SEVERE FLEXION DEFORMITY AND HIV-TB CO-INFECTION**  
Kumar Kaushik DASH, Shubhranshu Shekhar MOHANTY (INDIA)
- 35067 METAL HARDWARE REMOVAL PLUS TKR**  
Mansour ELGASSI, Mustafa SAGHIER (LIBYA)

- 33805 THE INFLUENCE OF PATELLOFEMORAL DEGENERATIVE CHANGES ON THE OUTCOME OF THE UNICOMPARTMENTAL KNEE REPLACEMENT**  
Ali ABDULKARIM<sup>1</sup>, N. MOTTERLINI<sup>1</sup>, T.M. O'DONNELL<sup>1</sup>, M.J. NEIL<sup>2</sup>  
<sup>1</sup>(IRELAND), <sup>2</sup>(AUSTRALIA)
- 34184 EXTRACTION OF WELL-FIXED TRABECULAR METAL CONES FROM TIBIA IN REVISION KNEE ARTHROPLASTY**  
Biyam RAO, Michael MOSS (UNITED KINGDOM)
- 35947 STAGED REVISION OF INFECTED TOTAL KNEE ARTHROPLASTY USING ANTIBIOTIC LOADED SPACER – A DISTRICT GENERAL HOSPITAL EXPERIENCE AND PROTOCOL**  
Dip CHAKRABARTI, Yaganti China SAIDALIAH, Brian BANERJEE (UNITED KINGDOM)
- 34816 “2-1” SINGLE-STAGE REVISION FOR INFECTED TOTAL KNEE ARTHROPLASTY USING METAPHYSEAL SLEEVES: SURGICAL EXPERIENCE AND EARLY RESULTS**  
Bhushan SABNIS, Rohit MAHESHWARI, Phil WALMSLEY, Ivan BRENKEL (UNITED KINGDOM)
- 35001 ACHILLES TENDON ALLOGRAFT FOR RECONSTRUCTION OF FAILED EXTENSOR MECHANISM IN TOTAL KNEE ARTHROPLASTY**  
Alvin ONG, Claudio DIAZ-LEDEZMA, Fabio OROZCO, Zachary POST (UNITED STATES)

13:30 - 15:00

*Short Oral Communications – Hip II*

*Moderator:*

Mahmoud HAFEZ (EGYPT)

- 35492 DOS AND DON'TS FOLLOWING PRIMARY TOTAL HIP ARTHROPLASTY**  
Amit SHAH, Ravi BADGE (UNITED KINGDOM)
- 33902 IS IT NECESSARY TO DO FEMORAL OSTEOTOMY FOR TOTAL HIP ARTHROPLASTY IN DYSPLASTIC HIP DISORDER CREW TYPE 3 AND 4 OR ONLY SOFT TISSUE RELEASE IS ENOUGH?**  
Dariush SAVADKOOHI, Babak SIAVASHI (IRAN)
- 34092 HIGH HIP CENTRE IN TOTAL HIP ARTHROPLASTY FOR DYSPLASTIC HIPs – A COMPARISON STUDY**  
Dariush SAVADKOOHI, Babak SIAVASHI (IRAN)
- 35052 MANAGEMENT OF ACETABULAR DEFICIENCIES IN TOTAL HIP REPLACEMENT**  
Mrinal SHARMA, Yatindra KHARBANDA (INDIA)

- 34676 THR IN PATIENTS BELOW 30 YEARS**  
Mahmoud HAFEZ, Ismail RASHAD (EGYPT)
- 35289 POSTEROLATERAL APPROACH IN HIP ARTHROPLASTY: EVOLUTION TO STABILITY**  
Yasir SHAUKAT<sup>1</sup>, Emon MALIK<sup>2</sup>, Eric KOEWEIDEN<sup>1</sup>  
<sup>1</sup>(NETHERLANDS), <sup>2</sup>(UNITED KINGDOM)
- 33656 EARLY RESULTS OF A NEW REPAIR TECHNIQUE FOR POSTERIOR STRUCTURES IN PRIMARY TOTAL HIP REPLACEMENT**  
Shah JEHAN, Asma Shumaila KHAN, Alam Kalil KHAN, Shivkumar GOPAL (UNITED KINGDOM)
- 35032 PREDICTORS OF EARLY DISCHARGE AFTER ELECTIVE TOTAL HIP ARTHROPLASTY**  
Alvin ONG, Zachary POST, Fabio OROZCO, Claudio DIAZ-LEDEZMA, William HOZACK (UNITED STATES)
- 35499 SHORT-TERM OUTCOME OF CEMENTED AND UNCEMENTED BIPOLAR HEMIARTHROPLASTY IN FRACTURED NECK OF FEMUR IN ELDERLY PATIENTS**  
Dayanand MANJUNATH, Deepak SHIVANNA (INDIA)
- 34818 REVISION OF FAILED HEMIARTHROPLASTY: CLASSIFICATION, MANAGEMENT, AND MID-TERM FOLLOW-UP**  
Elsayed MORSI, Taher EID (EGYPT)
- 33576 PROSPECTIVE COHORT STUDY OF 664 LOOSENED ACETABULAR CUP REVISIONS**  
Ilya NIKOLAEV, Nikolay ZAGORODNIY, Sergey KAGRAMANOV (RUSSIA)
- 34153 REVISION TOTAL ARTHROPLASTY WITH ACETABULAR REINFORCEMENT RINGS (ARR): MID-TERM FOLLOW-UP RESULTS**  
Peteris STUDERS, Danils BELAJEVS, Dainis ILJESANS, Silvestris ZEBOLDS, Janis AKMENS (LATVIA)
- 34517 A PILOT STUDY INVESTIGATING THE USE OF AT HOME WEB-BASED QUESTIONNAIRES COMPILING PATIENT REPORTED OUTCOME MEASURES FOLLOWING TOTAL HIP AND KNEE REPLACEMENT SURGERY**  
Harinder GAKHAR, Barrie MCCONNELL, Peter LEWIS (UNITED KINGDOM)
- 35277 COMPARISON BETWEEN DRAINAGE AND NO DRAINAGE AFTER TOTAL HIP ARTHROPLASTY IN CHINESE PEOPLE: A PROSPECTIVE, RANDOMISED, CONTROLLED TRIAL**  
Kai ZHOU, Weinan ZENG, Bin SHEN, Jing YANG, Pengde KANG, Fuxing PEI (CHINA)