



34th
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Orthopaedic World Congress

17-19 October 2013

Hyderabad, India

FINAL PROGRAMME



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Programme Colour Scheme

Foot & Ankle

Hand

Hip

Infections

Knee

Miscellaneous

Paediatrics

Research

Shoulder & Elbow

Spine

Sports Medicine

Trauma

Tumours

Industry Symposium

Oral Communication Session

Partner Society Symposium

Plenary Lecture

Social Event

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 & Free Papers Hip Miscellaneous</i>	<i>IFPOS Symposium 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>
	Page 79	Page 83	Page 89	Page 94	Page 99
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 & Free Papers Paediatrics Growth Modulation & Upper Limb</i>	<i>ASAMI Symposium Neglected Fractures</i>	<i>Symposium Spine Controversies in Spinal Surgery - What Is In & What Is Out?</i>
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12:00-12:30	<i>Plenary Lecture José Sérgio Franco</i>				
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12:30-14:00	<i>Break</i>	<i>Zimmer Industry Symposium</i>	<i>Smith & Nephew Industry Symposium</i>	<i>Break</i>	<i>Deputy Synthes Industry Symposium</i>
		Page 85	Page 90		Page 100
14:00-15:30	<i>Free Papers Trauma Pelvis & Acetabulum</i>	<i>Invited Lecture & Free Papers Hip Total Hip Arthroplasty - Dysplasia & Ace- tabular Defect</i>	<i>Free Papers Paediatrics Hip & Knee</i>	<i>Free Papers Knee Osteotomy & Cartilage Defects</i>	<i>Free Papers Spine Cervical Spine</i>
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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>			
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16:30-18:00		<i>Invited Lecture & Free Papers Hip Total Hip Arthroplasty - Cup Position Fol- low-Up & Infection</i>	<i>IFPOS Symposium Update - Infections in Children</i>	<i>Symposium Knee Young Arthritic Knee Below 40</i>	<i>Free Papers Spine Deformities</i>
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18:15-19:45	Opening Ceremony				

	MR G.01 & MR G.02	MR G.03 & MR G.04	MR G.05 & MR G.06	MR 1.05 & MR 1.06	MR 1.01 & MR 1.02
08:30-10:00	<i>Instructional Course</i> Research Breakthrough Tools in Tissue Engineering	<i>Instructional Course</i> Shoulder & Elbow Hemiarthroplasty in Trauma	<i>Symposium</i> Hip Osteotomies Around the Hip in Adolescents	<i>Workshop</i> Use of IT in Medicine	
	Page 104	Page 108	Page 113	Page 117	
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> Research Basic Research	<i>Symposium</i> Shoulder & Elbow Management of Massive Cuff Tear	<i>Symposium</i> Hip Arthroscopic Surgery of the Hip	<i>Symposium</i> Knee Computer-Aided Instrumentation in Orthopaedics: The Cutting-Edge Technology	<i>Short Oral Communications</i> Trauma
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12:00-12:30					
12:30-14:00	<i>Break</i>	<i>Break</i>	<i>Brainlab Industry Symposium</i>	<i>Aesculap B. Braun Industry Symposium</i>	<i>Break</i>
			Page 114	Page 118	
14:00-15:30	<i>Symposium</i> Research Research Projects of Subspecialty Committees	<i>Invited Lecture & Free Papers</i> Shoulder & Elbow Arthroplasty & Arthroscopy	<i>Symposium</i> Hip Osteonecrosis of the Hip	<i>Free Papers</i> Computer-Assisted Techniques	<i>Short Oral Communications</i> Foot & Ankle I
	Page 106	Page 109	Page 114	Page 118	Page 123
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> Research Biomaterials & Scaffolds	<i>YSC</i> <i>Symposium</i> SICOT Alumni	<i>APOA</i> <i>Symposium</i> APOA meets SICOT	<i>Symposium</i> Knee Patient Specific Instruments & Implants	<i>Short Oral Communications</i> Foot & Ankle II
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Thursday, 17 October

Hall 3

08:30 - 10:00

Symposium – Trauma: Fractures of the Pelvis

Moderators:

Gholam PAJENDA (AUSTRIA), Vilmos VECSEI (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 ACETABULAR AND PELVIC FRACTURE

Dariush 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

Break

14:00 - 15:30

Free Papers – Trauma: Pelvis & Acetabulum

Moderators:

Narender Kumar MAGU (INDIA), 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**

Thursday, 17 October

Hall 1

08:30 - 10:00

Invited Lecture & Free Papers – Hip: Miscellaneous

Moderators:

Shekhar AGARWAL (INDIA), László BUCSI (HUNGARY)

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 LACHANLETTE (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:

André FERREIRA (FRANCE), Marko KRALJ (SLOVENIA)

35932 OUTCOME OF AN EXTENSIVELY HA-COATED STEM AT 21-YEAR FOLLOW-UP – A PROSPECTIVE STUDY OF 347 CASES

Laurent JACQUOT¹, Jens BOLDT², Jean Charles ROLLIER¹
¹(FRANCE), ²(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 STABILISATION

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

Marko KRALJ, 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 *Zimmer Industry Symposium – Innovation & Technology*

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

Moderators:
Tomas TRC (CZECH REPUBLIC), N.N.

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)

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 POTESTIO, 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 **IFPOS Symposium – 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)

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 SHARMA¹, Yuki HARADA², Sarthak SHARMA¹, Hiroyuki KATAOKA², Yoshihide TOMODA², Mohammad Farooq BUTT¹
¹(INDIA), ²(JAPAN)

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

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

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

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

Smith & Nephew Industry Symposium – Proven Clinical Performance Meets Continuous Innovation

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 *IFPOS Symposium – Update - Infections in Children*

Moderator:
Clóris KESSLER (BRAZIL)

TRANSIENT SYNOVITIS

Hui Wan PARK (SOUTH KOREA)

ACUTE OSTEOMYELITIS

Muharrem INAN (TURKEY)

JOINT INFECTIONS

Eiffel DOBASHI (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 OSTEOARTHROSIS 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 SHETTY¹, Asode Ananthram SHETTY¹, Seok-Jung KIM², Praveen BILAGI¹
¹(UNITED KINGDOM), ²(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:

Keith LUK (HONG KONG)

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

Moderators:

Dadi JIN (CHINA), 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 DISCECTOMY 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

Moderators:

Cody BÜNGER (DENMARK), 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, RANDOMISED 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 JIANG¹, Anlun MA², Huifang CHEN², Yonglin YU¹, Jie CHEN¹, Jianyuan JIANG¹
¹(CHINA), ²(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 BÜNGER¹, Haolin SUN², Chunde LI²
¹(DENMARK), ²(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 α IN DUPUYTREN'S DISEASE**
Lukas HOLZER¹, Andrej CÖR², Gerhard PFANDLSTEINER¹, Gerold HOLZER¹
¹(AUSTRIA), ²(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

Moderator:

Eiji ITOI (JAPAN)

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 KARTHIK, 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 DEMINERALISED 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 MINERALISED 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 DEMINERALISED 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:

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

INDICATIONS VS. ORIF

José Sérgio FRANCO (BRAZIL)

BIOMECHANICS

Deepak BHATIA (INDIA)

TECHNIQUE AND PITFALLS

Ashish 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

Moderators:

Ashish BABHULKAR (INDIA), Deepak PATEL (UNITED STATES)

Invited Speaker

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

Deepak PATEL¹, Yashika PATEL¹, Ria PATEL¹, Apurva CHOKSEY², Vincent MCINERNEY¹
¹(UNITED STATES), ²(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 REPLISSAGE 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)
- 35407 THE COMPARISON OF RESULTS OF EARLY AND LATE REHABILITATION FOLLOWING ARTHROSCOPIC BANKART REPAIR IN RECURRENT TRAUMATIC ANTERIOR SHOULDER DISLOCATION**
Serdar TOKER, Kütahya HARUN, Güleç ALI, Yel MUSTAFA, Bilge ONUR (TURKEY)

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

N.N.

FELLOW REPORT: SICOT MEETS SICOT FELLOWSHIP IN GERMANY

Lokesh A. VEERAPPA (INDIA)

FELLOW REPORT: AAOS/SICOT

N.N.

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

Narender Kumar MAGU (INDIA)

PELVIC SUPPORT OSTEOTOMIES

Gamal HOSNY (EGYPT)

SURGICAL DISLOCATION FOR ADOLESCENTS

Vrisha MADHURI (INDIA)

SHELF PROCEDURE

Taral NAGDA (INDIA)

PELVIC OSTEOTOMIES IN ADOLESCENT HIP IN CP

Patricia FUCS (BRAZIL)

TRIPLE PELVIC OSTEOTOMY

Marc SINCLAIR (GERMANY)

INTRAMEDULLARY NAILING IN VALGUS INTERTROCHANTERIC OSTEOTOMY

Alexander CHELNOKOV, Artem SHALIN (RUSSIA)

DISCUSSION & CASE PRESENTATIONS

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)

POSTOPERATIVE 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 – Benefits of Surgical Navigation in Hip and Knee Replacement

14:00 - 15:30

Symposium – Hip: Osteonecrosis of the Hip

Moderators:

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

INTRODUCTION

Vikas KHANDUJA¹, Ramesh SEN²
¹(UNITED KINGDOM), ²(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

Moderators:

Arvind JAYASWAL (INDIA), 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

Mohamed SUKEIK (UNITED KINGDOM)

PUBMED

Fatih KÜÇÜKDURMAZ (TURKEY)

GOOGLE & MOBILE APPLICATIONS

S. Semih DEDEOGLU (INDIA)

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)

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 SANCHETI¹, Kamal DEEP², Frederic PICARD², Ajeya ADHIKARI², J.H. YANG³
¹(INDIA), ²(UNITED KINGDOM), ³(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 REDDY¹, B. JARAMAZ², Frederic PICARD³, Mark BLYTH³
¹(INDIA), ²(UNITED STATES), ³(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 Live - Benefit, Experience, Latest Advances

14:00 - 15:30

Free Papers – Computer-Assisted Techniques

Moderators:

Vaibhav BAGARIA (INDIA), Elena SHCHEPKINA (RUSSIA)

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)

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 CLINICORADIOLOGICAL STUDY TO ASSESS DIFFERENCE IN FUNCTIONAL OUTCOME BETWEEN INTRAMEDULLARY AND EXTRAMEDULLARY FIXATION**
Shah Waliullah WALLI, Vineet SHARMA, Ajai SINGH, Ashish KUMAR, Narendra KUSHWAHA (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 MUSSA¹, Adel Refaat AHMED², Ahmed HASAN²
¹(UNITED KINGDOM), ²(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, Takero 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 NOT¹, Otto MORICZ¹, Sandor FERENCZ¹, Gyorgy WEBER¹, Rickard BRANEMARK², Laszlo VAMHIDY¹
¹(HUNGARY), ²(SWEDEN)

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

14:00 - 15:30 *Short Oral Communications – Foot & Ankle I*

Moderators:

Shankar S. JHA (INDIA), N.N.

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)

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, Kannan KALIYAPERUMAL, Gowreeson THEVENDRAN (SINGAPORE)
- 34141 MANAGEMENT OF NEGLECTED AND RESISTANT TALIPES EQUINOVARUS 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 PROGRAMME 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)

16:00 - 16:30

Plenary Lecture – Dror Paley (in Hall 1)

IMPLANTABLE LIMB LENGTHENING: PAST, PRESENT AND FUTURE

Dror PALEY (UNITED STATES)

16:30 - 18:00

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 SETTERS, STRATEGY TO OVERCOME A TRAGEDY: EXPERIENCE FROM SUDAN**
Waleed MEKKI (SUDAN)
- 35884 TRABECULAR PATTERN OF PROXIMAL TIBIA**
Haroon K.T. RAZA, Shamikh Muneer Ghaus-UI RAZA (INDIA)
- 33872 A NEW HINGE SYSTEM IN LIMB LENGTHENING AND CORRECTION OF AXIAL DEVIATIONS**
Ghassan SALAMEH¹, Michael SCHMIDT²
¹(SYRIA), ²(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 & Meniscus</i>	<i>Symposium Knee Total Knee Arthroplasty in Asia</i>	<i>Symposium Foot & Ankle Deformities - Challenges & Remedies</i>	<i>Instructional Course Spine Aging Spine</i>
	Page 130	Page 135	Page 140	Page 144	Page 149
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 & Free Papers Knee Total Knee Arthroplasty I</i>	<i>Free Papers Foot & Ankle Reconstruction</i>	<i>Free Papers Spine Lumbar Degenerative</i>
	Page 130	Page 136	Page 140	Page 144	Page 149
12:00-12:30	<i>Plenary Lecture Steffen Ruchholtz</i>				
	Page 132				
12:30-14:00	<i>Break</i>	<i>Smith & Nephew/ Adler Industry Symposium</i>	<i>Smith & Nephew/ Industry Symposium</i>	<i>Zimmer Industry Symposium</i>	<i>Depuy Synthes Industry Symposium</i>
		Page 136	Page 141	Page 146	Page 150
14:00-15:30	<i>Free Papers Trauma Proximal Femur II</i>	<i>Invited Lecture & Free Papers Sports Medicine Knee Arthroscopy</i>	<i>Invited Lecture & Free Papers Knee Total Knee Arthroplasty II</i>	<i>Free Papers Foot & Ankle Trauma & Reconstruction</i>	<i>Free Papers Spine Degenerative</i>
	Page 132	Page 136	Page 142	Page 146	Page 151
15:30-16:00	<i>Break</i>				
16:00-16:30	<i>Plenary Lecture S. Rajasekaran</i>				
	Page 133				
16:30-18:00	<i>Instructional Course Trauma Trauma in Children</i>	<i>Free Papers Sports Medicine Arthroscopy & General</i>	<i>Invited Lectures & Free Papers Knee Total Knee Arthroplasty III</i>	<i>Symposium Surgical Safety for the Orthopaedic Patient</i>	<i>Free Papers Spine Infections</i>
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	MR G.01 & MR G.02	MR G.03 & MR G.04	MR G.05 & MR G.06	MR 1.05 & MR 1.06	MR 1.01 & MR 1.02
08:30-10:00	<i>Instructional Course</i> Tumours Oncological Surgery	<i>Symposium</i> Trauma External Fixator in Natural Disasters	<i>Instructional Course</i> Hip Preserving Bone in Hip Surgery in Young Patients	<i>EBJIS Symposium</i> What's New in Bone and Joint Infections Management?	<i>Short Oral Communications</i> Spine I
	Page 154	Page 159	Page 163	Page 167	Page 171
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> Tumours I	<i>Symposium</i> Trauma Injury Prevention	<i>Free Papers</i> Hip Total Hip Arthroplasty - Dual Mobility & Hemiarthroplasty	<i>Instructional Course</i> Infections Management of Bone Infection & Non-Union	<i>Short Oral Communications</i> Spine II
	Page 154	Page 159	Page 163	Page 167	Page 172
12:00-12:30					
12:30-14:00	<i>Karl Storz Industry Symposium</i>	<i>Groupe Lépine Industry Symposium</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
	Page 156	Page 160			
14:00-15:30	<i>Symposium</i> Tumours Bone Tumours	<i>Symposium</i> Trauma Orthopaedics in Disasters & Catastrophes	<i>Symposium</i> Hip Tribology	<i>Free Papers</i> Infections Osteoarticular Infections	<i>Short Oral Communications</i> Hip I
	Page 156	Page 160	Page 164	Page 168	Page 174
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> Tumours II	<i>Invited Lecture & Free Papers</i> Trauma Severe Injuries - Spinal Cord, Extremities, War & Natural Disasters	<i>SOFcot Symposium</i> Causes for Revision of Primary Total Hip Arthroplasty in France	Best Papers Session	<i>Short Oral Communications</i> Paediatrics
	Page 157	Page 161	Page 165	Page 169	Page 176

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:

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

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 OF NECK OF FEMUR IN ADULTS AGED 16-60 YEARS**
Mayank GUPTA, Rajendra ARYA (INDIA)
- 35696 ROLE OF PROXIMAL FEMORAL NAILING IN INTRACAPSULAR FRACTURE OF 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 OF 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 MUSSA¹, Adel Refaat AHMED², Mostafa Elsayed EL-HEFNAWEY², Mohamed Adel WANAS²
¹(UNITED KINGDOM), ²(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

Break

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 FEMORAL NECK FRACTURE

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 SUKEIK¹, Shalin MAHESHWARI²
¹(UNITED KINGDOM), ²(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 AZBOY¹, Bassel EL-OSTA²
¹(TURKEY), ²(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 UTILISING
CHARACTERISED 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/Adler Industry Symposium – Smith &
Nephew and Adler Mediequip - A Historic Alliance and
Smith & Nephew's commitment to Mid-Tier and India***

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 DARABOS¹, Miroslav HASPL¹, Denis TRSEK¹, Esmat ELABJER¹, Carsten MOSER², Aljosa MATEJCIC¹
¹(CROATIA), ²(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

Moderators:

Deepak GOYAL (INDIA), 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 POTESIO (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 RANDOMISED 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 SENLECOQ (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)

RANDOMISED 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

Moderators:

Laurent SEDEL (FRANCE), N.N.

Invited Speaker

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

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

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 KHAN¹, Jong Keun SEON², Eun Kyoo SONG²

¹(UNITED KINGDOM), ²(SOUTH KOREA)

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

Zhiwei WANG¹, Chengkung CHENG², Tiebing QU¹

¹(CHINA), ²(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 YUE¹, Li GUOAN²

¹(CHINA), ²(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 – Advance Nailing Techniques

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 (FRANCE)

34169 NEW TECHNOLOGIES IN TOTAL KNEE REPLACEMENT: PROSPECTIVE STUDY OF 20 PRE-NAVIGATED TOTAL KNEE REPLACEMENTS 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)

- 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 RANDOMISED 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, RANDOMISED, 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)

EQUINOCAVUS DEFORMITY: IS ILIZAROV THE FINAL ANSWER?

Ram Avtar AGRAWAL (INDIA)

FOOT DEFORMITIES IN DIABETES: PREDICTION & PREVENTION IN OPTIMISING 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

Moderators:

Mandeep DHILLON (INDIA), Marek SYNDER (POLAND)

- 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)

12:00 - 12:30

Plenary Lecture – Steffen Ruchholtz (in Hall 3)

MODERN MANAGEMENT OF POLYTRAUMA PATIENTS

Steffen RUCHHOLTZ (GERMANY)

12:30 - 14:00

Zimmer Industry Symposium – Periprosthetic Fractures

14:00 - 15:30

Free Papers – Foot & Ankle: Trauma & Reconstruction

Moderators:

Manish KHANNA (INDIA), *N.N.*

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 FRACTURES TREATED AS TRIMALLEOLAR FRACTURES

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 LINOVA (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 TARSO METATARSAL (LISFRANCS) INJURIES – A PROSPECTIVE STUDY OF 52 CASES
Sandeep KASHYAP (INDIA)

34751 A COMPARISON STUDY OF TWO DIFFERENT SCREWS UTILISED 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, Sanjeeve 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-Christoph 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:

Cody BÜNGER (DENMARK)

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)

Huilin 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:

Dadi JIN (CHINA), S. RAJASEKARAN (INDIA)

- 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 SUN¹, Chunde LI¹, Cody BÜNGER²
¹(CHINA), ²(DENMARK)
- 35359 CLINICAL CHARACTERISTICS AND REOPERATION OF SYMPTOMATIC ADJACENT SEGMENT DEGENERATION POST-OPERATION OF LUMBAR FUSION**
Haolin SUN¹, Chunde LI¹, Cody BÜNGER²
¹(CHINA), ²(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 RANDOMISED 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

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 PAPAIIYA, 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)

Moderators:

Philipp FUNOVICS (AUSTRIA), Ajay PURI (INDIA)

- 35845 EWING'S SARCOMA OF THE PELVIS – A SINGLE CENTRE EXPERIENCE IN 48 PATIENTS**
Philipp FUNOVICS, Madeleine WILLEGGGER, 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 CENTRALISATION OF FIBULA FOR DISTAL TIBIAL TUMOURS**
Sukhbir Singh SANGWAN, Zile Singh KUNDU (INDIA)
- 35831 IPSILATERAL NON-VASCULARISED 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 Disasters

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 BERTOL¹, Miguel TRELLES²
¹(PHILIPPINES), ²(BELGIUM)

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

Alexander CHELNOKOV (RUSSIA)

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

Moderators:

Günter LOB (GERMANY), Marcos MUSAFIR (BRAZIL)

VISION ZERO – POSSIBLE USING NEW TECHNOLOGIES?

Günter LOB (GERMANY)

WHAT CAN BE LEARNED FROM TRAUMA NETWORKS?

Steffen RUCHHOLTZ (GERMANY)

**GACI (WHO GLOBAL ALLIANCE FOR THE CARE OF THE INJURED)
IN BRAZIL**

Marcos MUSAFIR (BRAZIL)

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 STENGEL (GERMANY)

POLYTRAUMA IN VICTIMS OF TRAFFIC ACCIDENTS

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

TAMIL NADU TRAUMA CARE PROJECT WITH SICOT'S ASSISTANCE

Venkatesh Babu SUBBIAH (INDIA)

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*

Moderator:

S. RAJASEKARAN (INDIA)

INTRODUCTION AND OVERVIEW

S. RAJASEKARAN (INDIA)

Guest Speaker

LIBYAN WAR EXPERIENCE

Mohamed RASHED (LIBYA)

TRIAGE: FROM GENERAL TO ORTHOPAEDIC

N.N.

DAMAGE CONTROL IN MASS CASUALTIES AND DISASTERS

Hans-Christian PAPE (GERMANY)

CRUSH INJURIES, CRUSH SYNDROME AND COMPARTMENT SYNDROME

S. RAJASEKARAN (INDIA)

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 PERNAR (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 HANSON¹, David HELFET², Diarmuid DE FAOITE¹
¹(SWITZERLAND), ²(UNITED STATES)
- 33927 IS INHALATIONAL CICLESONIDE A SAFE AND EFFECTIVE PROPHYLACTIC DRUG FOR FAT EMBOLISM SYNDROME? A PROSPECTIVE NON-RANDOMISED 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 OSTEONECROSIS

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**
Sanjiv KUMAR, Ashish KUMAR (INDIA)
- 35396 MORTALITY AND MORBIDITY ANALYSIS FOLLOWING CEMENTED AND CEMENTLESS BIPOLAR HEMIARTHROPLASTY IN A CASE-MATCHED SERIES OF 120 ELDERLY PATIENTS WITH FRACTURED NECK OF 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)

PERFORMANCE AND LIMITATIONS OF STATE OF THE ART CERAMICS

Bernard MASSON (FRANCE)

FRETTING CORROSION OF MODULAR INTERFACES

Daniel MACDONALD (UNITED STATES)

COC – JUSTIFICATION FOR ITS USE

Roberto BINAZZI (ITALY)

CERAMIC BEARINGS: WHAT DOES THE LITERATURE SAY?

Mandeep DHILLON (INDIA)

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

Raghu RAMAN (UNITED KINGDOM)

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 HERNIGOU, Alexandre POIGNARD, Charles Henri FLOUZAT LACHANLETTE (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)

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

Enzo MEANI (ITALY)

COULD AN INFECTION NETWORK BE HELPFUL?

Günter LOB (GERMANY)

QUICK ASSESSMENT OF NEWS BY SCIENTIFIC PUBLICATION SCORE

Dieter BETTIN (GERMANY)

DISCUSSION

10:00 - 10:30

Break

10:30 - 12:00

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

Moderator:

N.N.

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

N.N.

TREATMENT OF CHRONIC BONE INFECTION

N.N.

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 ROMANO¹, Lorenzo DRAGO¹, Maria HAENSCH², Lieve VAN MELLAERT³, Konstantinos MALIZOS⁴, Milena FINI¹, Enzo MEANI¹
¹(ITALY), ²(GERMANY), ³(BELGIUM), ⁴(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

- 33763 RESULTS OF NON-UNION OF HUMERUS TREATED WITH
RETROGRADE HALDER HUMERAL NAIL**
Bobin VARGHESE, Hinesh BHATT, Subhash HALDER (UNITED
KINGDOM)
- 34316 DISTAL TIBIA FRACTURES – WHICH IS BETTER: INTRAMEDULLARY
NAILING OR MIPPO?**
Abhijit KAWALKAR, Chandrashekher BADOLE (INDIA)
- 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)

- 34667 SHORT- VERSUS LONG-DURATION TOURNIQUET USE DURING TOTAL KNEE REPLACEMENT (TKR) – A RANDOMISED CONTROLLED STUDY**
Santoshkumar HAKKALAMANI, Nikhil PRADHAN, Vicky CLARKE (UNITED KINGDOM)
- 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)
- 35536 RESULTS OF ARTHROSCOPIC INTERNAL DRAINAGE OF POPLITEAL CYST IN ADULT PATIENTS**
Shiv CHOUKSEY, Parag GARG (INDIA)
- 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)
- 35845 EWING’S SARCOMA OF THE PELVIS – A SINGLE CENTRE EXPERIENCE IN 48 PATIENTS**
Philipp FUNOVICS, Madeleine WILLEGGGER, Joannis PANOTOPOULOS, Reinhard WINDHAGER (AUSTRIA)
- 35932 OUTCOME OF AN EXTENSIVELY HA-COATED STEM AT 21-YEAR FOLLOW-UP – A PROSPECTIVE STUDY OF 347 CASES**
Laurent JACQUOT¹, Jens BOLDT², Jean Charles ROLLIER¹
¹(FRANCE), ²(SWITZERLAND)
- 35950 THE MANAGEMENT OF STERNOCLAVICULAR DISRUPTIONS**
Angus WALLACE, David THYAGARAJAN, Vinod KUMAR (UNITED KINGDOM)

Friday, 18 October

MR 1.01 & MR 1.02

08:30 - 10:00

Short Oral Communications – Spine I

Moderators:

Alaaeldin AHMAD (PALESTINE), Marc PATTERSON (UNITED KINGDOM)

- 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 RADIOLOGICAL 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 OUTCOMES 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, RANDOMISED, 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 BELLAAJ, 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 AHMAD¹, Richard GROSS², Zeke WALTON²
¹(PALESTINE), ²(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)

10:00 - 10:30

Break

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 TESA KOV, 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 KYPHOSCOLIOTIC 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)

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

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 POSTOPERATIVE 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 BOLDT¹, Guillaume DEMAY², Tarik AIT SI SELMI²
¹(SWITZERLAND), ²(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)

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 *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 PSEUDARTHROSIS OF TIBIA

Hariram JHUNJHUNWALA (INDIA)

34602 GROWTH MODULATION IN CHILDREN FOR ANGULAR DEFORMITY CORRECTION AROUND THE KNEE – RETROSPECTIVE STUDY OF THE 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	ARTOF <i>Instructional Course</i> Ankle Fractures	<i>Free Papers</i> Trauma Distal Femur	<i>Instructional Course</i> Paediatrics Foot	<i>Instructional Course</i> Orthopaedic Microsurgery	<i>Symposium</i> Early Onset Scoliosis - The Enigma
	Page 181	Page 184	Page 188	Page 191	Page 194
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> Trauma Tibia I	<i>Free Papers</i> Trauma Upper Limb - Clavicle & Proximal Humerus	<i>Free Papers</i> Paediatrics Foot & Ankle	<i>Free Papers</i> Hand Trauma & Reconstruction	<i>Free Papers</i> Spine Techniques
	Page 181	Page 185	Page 188	Page 191	Page 194
12:00-13:30	<i>Break</i>	<i>Break</i>	SICOT General Assembly Page 189	<i>Break</i>	<i>Break</i>
13:30-15:00	<i>Free Papers</i> Trauma Tibia II	<i>Free Papers</i> Trauma Upper Limb - Shaft & Distal Humerus		<i>Symposium</i> Hand Carpometacarpal OA of the Thumb	<i>Free Papers</i> Spine Minimally Invasive
	Page 182	Page 186		Page 192	Page 196
15:00-16:00			Closing Ceremony		

	MR G.01 & MR G.02	MR G.03 & MR G.04	MR G.05 & MR G.06	MR 1.05 & MR 1.06	MR 1.01 & MR 1.02
08:30-10:00	<i>Instructional Course</i> Shoulder & Elbow Elbow Instability	<i>Symposium</i> How to Write an Article	<i>Instructional Course</i> Trauma Hands-on Workshop on External Fixation	<i>Free Papers</i> Trauma Upper Limb - Distal Radius	<i>Short Oral Communications</i> Tumours
	Page 197	Page 201	Page 203	Page 206	Page 209
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> Shoulder & Elbow Soft Tissue Reconstruction	<i>Symposium</i> Orthopaedic Education - How can SICOT contribute?	<i>Free Papers</i> Trauma Minimally Invasive	WOC <i>Symposium</i> In-Service Training in LMIC: A Regional Problem for SE Asia	<i>Short Oral Communications</i> Knee
	Page 197	Page 201	Page 203	Page 207	Page 210
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> Trauma General Trauma	<i>Symposium</i> Upper Extremity Lengthening & Complications of Limb Lengthening	<i>Short Oral Communications</i> Hip II
	Page 198	Page 202	Page 204	Page 207	Page 212

Saturday, 19 October

Hall 3

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

Moderator:

Peter BIBERTHALER (GERMANY)

DIAGNOSTIC OF DISTAL TIBIA FRACTURES

Peter BIBERTHALER (GERMANY)

CONSERVATIVE THERAPY

James WADDELL (CANADA)

WEBER FRACTURES

Marc HANSCHEN (GERMANY)

PILON TIBIAL FRACTURES

Steffen RUCHHOLTZ (GERMANY)

DECISION-MAKING

Marc HANSCHEN (GERMANY)

10:00 - 10:30 *Break*

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

Moderators:

Thami BENZAKOUR (MOROCCO), *N.N.*

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 STABILISATION 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)

12:00 - 13:30

Break

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 FRACTURE OF 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 INTERPROSTHETIC 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 - Clavicle & Proximal Humerus

Moderators:

G.C. BASAVRAJ (INDIA), Gershon VOLPIN (ISRAEL)

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, Vineet SHARMA, Santosh KUMAR, Ashish KUMAR, Narendra KUSHWAHA (INDIA)
- 34201 CLINICAL OUTCOME ANALYSIS OF PARALLEL PLATE TECHNIQUE IN INTRA-ARTICULAR DISTAL HUMERUS FRACTURES**
Mohamed Ismail DHEEN (INDIA)
- 33931 CONDYLAR ORIENTATION PLATING IN COMMUNUTED 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 (GERMANY)

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

More information can be found on page 42.

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)

VASCULARISED BONE GRAFTS IN ORTHOPAEDICS

Konstantinos MALIZOS (GREECE)

VASCULARISED FIBULAR GRAFT IN TREATMENT OF THE FEMORAL HEAD AVN

Panayotis SOUCACOS (GREECE)

HAND TRANSPLANTATION AND VASCULARISED 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-Ul-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

Moderators:

Huilin YANG (CHINA), *N.N.*

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 PAPAIIYA, 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, Youzhuang 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 RANDOMISED TRIAL**
Sarvdeep DHATT, Bhavuk GARG, Mandeep DHILLON (INDIA)

Moderators:

Thamer HAMDAN (IRAQ), N.N.

- 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 MICROENDOSCOPIC 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 STABILISATION 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 PAPAIYA, Mehendi ANSARI (INDIA)
- 34217 EARLY VERTEBROPLASTY AS A SALVAGE PROCEDURE IN MORBID ELDERLY PATIENTS**
Musale VILAS, Kiran PAKNIKAR, Mihir BAPAT, Viral PAPAIYA (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 BELLAJ, Chiheb BAHLOUL, Ameer 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 STERNOCLAVICULAR 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 PEDDABHEMANNANAVARISAVARANNA, 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 YEARS 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 KAMINENI¹, Harikrishna ANKEM²
¹(UNITED STATES), ²(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 OF NECK OF FEMUR PATIENTS – A SRI LANKAN STUDY COMPARED TO A COHORT IN ENGLAND**
Kalana RATHNAYAKE¹, Loku Kankanamge Don Chandana Rathna KARUNATHILAKA², Narendra PINTO¹, Ramesh THALAVA², Sanjay DEO², Arulchelvi NALLAINATHAN¹
¹(SRI LANKA), ²(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 – MODERNISING THE CURRICULUM

Ashok JOHARI (INDIA)

EVIDENCE BASED EDUCATION

Cody BÜNGER (DENMARK)

REGIONAL TEACHING PROGRAMMES & 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)

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

Maurice HINSENKAMP¹, Franz BURNY¹, Monique DONKERWOLCKE¹, Frédéric SCHUIND¹, Jean Gustave TSIAGADIGUI²
¹(BELGIUM), ²(CAMEROON)

10:00 - 10:30

Break

10:30 - 12:00

Free Papers – Trauma: Minimally Invasive

Moderators:

Hitendra DOSHI (SINGAPORE), *N.N.*

- 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

Prithish 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 OPTIMISATION 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

Moderators:

Elena SHCHEPKINA (RUSSIA), N.N.

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

Moderators:

Ian LESLIE (UNITED KINGDOM), *N.A.*

- 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 POTESTIO, 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 MUSSA¹, Adel Refaat AHMED², Mohamed Mostafa EL-HENAWI², Mohamed Adel WANAS²
¹(UNITED KINGDOM), ²(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 ORGANISATION 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 SHAH¹, Geoffrey WALKER², Iqbal QAVI³, Thit LWIN⁴, Anil JAIN³, Bikram SHRESTHA¹, Ramesh Prasad SINGH¹
¹(NEPAL), ²(UNITED KINGDOM), ³(INDIA), ⁴(MYANMAR)

DAMAGE CONTROL ORTHOPAEDICS

Arindam BANERJEE (INDIA)

REPAIR OF RUPTURE OF THE ACL – SANS RESOURCE

Michael MOWBRAY¹, Nittin SHETTY²
¹(UNITED KINGDOM), ²(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, Zile Singh KUNDU (INDIA)
- 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, Siqun 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 OSTEIOD 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 SURVIVIN 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)

10:00 - 10:30 *Break*

10:30 - 12:00 *Short Oral Communications – Knee*

Moderators:

Charles RIVIÈRE (CANADA), *N.N.*

- 35021 CONSTRAINED INSERTS COMBINED WITH PRIMARY TKA COMPONENTS FOR MANAGEMENT OF MILD CORONAL INSTABILITY**
Alvin ONG, 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 HAEMOPHILIA IN INDIAN SCENARIO**
Shubhramshu 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, Shubhramshu 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 ABDULKARIM¹, N. MOTTERLINI¹, T.M. O'DONNELL¹, M.J. NEIL²
¹(IRELAND), ²(AUSTRALIA)
- 34184 EXTRACTION OF WELL-FIXED TRABECULAR METAL CONES FROM TIBIA IN REVISION KNEE ARTHROPLASTY**
Biyyam 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 SAIDAIHAH, 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)

12:00 - 13:30 *Break*

13:30 - 15:00 *Short Oral Communications – Hip II*

Moderators:

Mahmoud HAFEZ (EGYPT), *N.N.*

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 HIP – 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 UNDER 30 YEARS OLD

Mahmoud HAFEZ, Ismail RASHAD (EGYPT)

35289 POSTEROLATERAL APPROACH IN HIP ARTHROPLASTY: EVOLUTION TO STABILITY

Yasir SHAUKAT¹, Emon MALIK², Eric KOEWEIDEN¹
¹(NETHERLANDS), ²(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 FRACTURE OF 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)