

Educational Day – The Knee

Tuesday, 27 November

Dubai C & D

08:30 - 08:50 **REGISTRATION**

08:50 - 09:00 **INTRODUCTION & WELCOME**
Vikas KHANDUJA (UNITED KINGDOM)

09:00 - 09:10 **YSC & ITS ACTIVITIES**
Hatem SAID (EGYPT)

09:10 - 10:40 **Session I**

Moderators:

Vikas KHANDUJA (UNITED KINGDOM), Peter YAU (HONG KONG)

APPLIED ANATOMY OF THE KNEE JOINT

Chun Hoi YAN (HONG KONG)

BIOMECHANICS OF THE KNEE JOINT

Emmanuel AUDENAERT (BELGIUM)

MENISCUS – BASIC SCIENCE & INJURIES

Peter YAU (HONG KONG)

ARTICULAR CARTILAGE – BASIC SCIENCE & INJURIES

Vikas KHANDUJA (UNITED KINGDOM)

OSTEOCHONDRITIS DISSECANS

Sofiene KALLEL (TUNISIA)

AVN AND SPONTANEOUS OSTEONECROSIS OF THE KNEE

Vijay D. SHETTY (INDIA)

10:40 - 11:15 *Break*

11:15 - 13:00 **Session II**

Moderators:

Nadim ASLAM (UNITED KINGDOM), Hatem SAID (EGYPT)

ACL INJURIES I

Nadim ASLAM (UNITED KINGDOM)

ACL INJURIES II

Said AL THANI (UNITED ARAB EMIRATES)

PCL INJURIES & POSTEROLATERAL CORNER INJURIES

René VERDONK (BELGIUM)

MULTILIGAMENT INJURIES

Hatem SAID (EGYPT)

PFJ INSTABILITY

Dominique POITOUT (FRANCE)

TUMOURS AROUND THE KNEE

Kandiah RAVEENDRAN (MALAYSIA)

FRACTURES AROUND THE KNEE

Frankie Ka Li LEUNG (HONG KONG)

13:00 - 14:00 *Lunch break*

14:00 - 15:00 **Session III (*Interactive Session*)**

Moderators:

Nadim ASLAM (UNITED KINGDOM), Hatem SAID (EGYPT)

FRACTURES AROUND THE DISTAL FEMUR AND PROXIMAL TIBIA

Osama Ahmed FAROUK (EGYPT)

PERIPROSTHETIC FRACTURES AROUND THE KNEE & PATELLA FRACTURES

Nadim ASLAM (UNITED KINGDOM)

15:00 - 16:30 **Session IV**

Moderators:

Mandeep DHILLON (INDIA), Fatih KUCUKDURMAZ (TURKEY)

MANAGEMENT OF MEDIAL COMPARTMENT OA – UNI, OSTEOTOMY AND TKR

Interactive

UNICOMPARTMENTAL KNEE REPLACEMENT

Ibrahim TUNCAY (TURKEY)

OSTEOTOMIES AROUND THE KNEE

Gamal Ahmed HOSNY (EGYPT)

TKR I

Mandeep DHILLON (INDIA)

TKR II

Fatih KUCUKDURMAZ (TURKEY)

PFJR

Vikas KHANDUJA (UNITED KINGDOM)

16:30 - 17:00 *Break*

17:00 - 18:00 **Session V**

Moderators:

Emmanuel AUDENAERT (BELGIUM), Mandeep DHILLON (INDIA)

COMPLICATIONS OF TKR

Hitendra K. DOSHI (SINGAPORE)

REVISION TKR I

Sanjiv K.S. MARYA (INDIA)

REVISION TKR II

Philippe VAN OVERSCHELDE (BELGIUM)

THE PAEDIATRIC KNEE

Ashok Kumar JOHARI (INDIA)

18:00 - 18:30 **Session VI**

Moderator:

Vikas KHANDUJA (UNITED KINGDOM)

QUIZ

Mandeep DHILLON (INDIA)

CLOSING REMARKS & COURSE EVALUATION

Programme

Wednesday, 28 November

	Sheikh Maktoum Hall A	Sheikh Maktoum Hall B	Sheikh Maktoum Hall C	Sheikh Maktoum Hall D	Sheikh Rashid Hall A	Sheikh Rashid Hall B
08:30-10:00	<i>Invited Lecture & Free Papers</i> Hip Total Hip Arthroplasty - Bearing Surface Page 64	<i>Free Papers</i> Spine Trauma I Page 70	<i>IFPOS</i> <i>Mini Symposium & Free Papers</i> Paediatrics: Spine Page 75	<i>SICOT Trauma Committee Symposium & Free Papers</i> Trauma Tibial Pilon Fractures Page 79	<i>Symposium</i> Sports Traumatology Hip Arthroscopy Page 83	<i>IGASS</i> <i>Symposium</i> Modern Trends in Spine Trauma I Page 87
10:00-10:30	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
10:30-12:00	<i>Invited Lecture & Free Papers</i> Hip Total Hip Arthroplasty - Revision Page 65	<i>Free Papers</i> Spine Trauma II Page 71	<i>Free Papers</i> Paediatrics Cerebral Palsy & Upper Extremity Page 76	<i>SICOT Trauma Committee Symposium</i> Trauma Malleolar Fractures Page 79	<i>Free Papers</i> Sports Traumatology Hip, Ankle & Wrist Arthroscopy Page 84	<i>IGASS</i> <i>Symposium</i> Modern Trends in Spine Trauma II Page 87
12:00-12:30	<i>Plenary Lecture</i> Freddie Fu Page 66					
12:30-14:30	<i>Lunch break</i>	<i>Lunch break</i>	<i>Lunch break</i>	<i>Lunch break</i>	<i>Lunch break</i>	<i>Lunch break</i>
14:30-16:00	<i>Free Papers</i> Knee Total Knee Arthroplasty I Page 66	<i>Instructional Course</i> Spine Failed Back Surgery Page 73	<i>Instructional Course</i> Trauma Polytrauma Treatment Page 77	<i>SICOT Trauma Committee Symposium & Free Papers</i> Trauma Talus & Ankle Fractures Page 80	<i>Invited Lectures & Free Papers</i> Sports Traumatology Patella & Meniscus Page 85	<i>WHO</i> <i>Mini Symposium & Free Papers</i> Use of Substance of Human Origin Page 88
16:00-16:30	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
16:30-17:00	<i>Plenary Lecture</i> C. Niek Van Dijk Page 68					
17:00-18:30	<i>Invited Lecture & Free Papers</i> Knee Total Knee Arthroplasty II Page 68	<i>Invited Lecture & Free Papers</i> Miscellaneous General Infection Page 73	<i>Invited Lectures & Free Papers</i> Miscellaneous Osteotomies & Reconstructive Surgery Page 77	<i>SICOT Trauma Committee Symposium & Free Papers</i> Trauma Calcaneal Fractures Page 81	<i>Instructional Course</i> Sports Traumatology Anterior Cruciate Ligament Reconstruction: How To Do It - My Favourite Technique Page 86	<i>Symposium</i> Trauma Femoral Neck Fractures Page 88
18:30-22:30	Opening Ceremony & Welcome Buffet (in Sheikh Rashid Hall E)					

	Sheikh Rashid Hall C	Sheikh Rashid Hall D	Dubai A & B	Dubai C & D	Sheikh Rashid Hall F
08:30-10:00	<i>Instructional Course</i> Shoulder & Elbow Anterior Shoulder Instability Page 91	<i>Symposium</i> Knee Painful Total Knee Replacement Page 95	<i>Symposium</i> Research Tissue Engineering Page 99	<i>Symposium</i> Tumours New Horizons in Treatment of Giant Cell Tumours Page 104	<i>Focused Poster Session</i> Trauma I Page 109
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</i> Shoulder & Elbow Biceps Tendon Pathology Page 91	<i>Instructional Course</i> Knee Osteotomy Around the Knee Page 95	<i>Free Papers</i> Research Biomaterials I Page 99	<i>Symposium</i> Tumours Modern Management of Spinal Metastases Page 104	<i>Focused Poster Session</i> Trauma II Page 110
12:00-12:30					
12:30-14:30	<i>Karl Storz Industry Symposium</i> Page 92	<i>CeramTec Industry Symposium</i> Page 95	<i>Medtronic Industry Symposium</i> Page 101	<i>Lunch break</i>	<i>Lunch break</i>
14:30-16:00	<i>Symposium</i> Shoulder & Elbow Stiff Elbow Page 92	<i>Instructional Course</i> Hip Hip Preserving Surgery in Young Patients Page 96	<i>Free Papers</i> Research Biomaterials II Page 101	<i>Free Papers</i> Tumours Reconstructions Page 105	<i>Focused Poster Session</i> Spine I Page 112
16:00-16:30	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
16:30-17:00					
17:00-18:30	<i>AO Spine Symposium</i> Updates on the Management of Spinal Trauma Page 93	<i>Invited Lecture & SOFCOT Symposium</i> Hip Hip Arthroplasty - Ceramic on Ceramic & Double Mobility Concept Page 96	<i>Free Papers</i> Miscellaneous Rheumatology Page 102	<i>Free Papers</i> Tumours Surgical Treatments & Outcomes Page 106	<i>Focused Poster Session</i> Spine II Page 114
18:30-22:30	Opening Ceremony & Welcome Buffet (in Sheikh Rashid Hall E)				

Wednesday, 28 November

Sheikh Maktoum Hall A

08:30 - 10:00

Invited Lecture & Free Papers – Hip: Total Hip Arthroplasty - Bearing Surface

Moderators:

Maurice HINSENKAMP (BELGIUM), Farid Qasim ZADEH (UNITED ARAB EMIRATES)

Invited Speaker

EXTREMELY LOW INCIDENCE OF CERAMIC BEARING FRACTURE IN A LARGE COHORT OF PATIENTS: REASONS FOR A DESIRED OUTCOME

Francesco BENAZZO (ITALY)

31994 METAL ALLERGY AFTER TOTAL HIP REPLACEMENT WITH RECAP HIP RESURFACING SYSTEM OR MALLORY-HEAD EXETER PROSTHESIS: A RANDOMISED CONTROLLED TRIAL WITH 5-YEAR FOLLOW-UP OF 52 PATIENTS

Klas GUSTAFSON, Stig Storgaard JAKOBSEN, Nina Dyrberg LORENZEN, Jacob P. THYSSEN, Jeanne D. JOHANSEN, Charlotte Menne BONEFELD, Maiken STILLING, Thomas BAAD-HANSEN, Kjeld SØBALLE (DENMARK)

32070 WEAR ANALYSIS OF OXIDIZED ZIRCONIUM FEMORAL HEADS IN TOTAL HIP ARTHROPLASTY – A MULTICENTRE RANDOMISED CONTROLLED TRIAL

Shivan JASSIM, Shelain PATEL, Nicolas WARDLE, Jenni TAHMASSEBI, Robert MIDDLETON, David SHARDLOW, Arthur STEPHEN, James HUTCHINSON, Fares HADDAD (UNITED KINGDOM)

32351 BILATERAL METAL-ON-METAL HIPS: SERUM METAL ION LEVELS AND ADVERSE REACTION TO METAL DEBRIS

Amanda Christina KING, Ibrahim MALEK, Stephen JONES, Alun JOHN (UNITED KINGDOM)

31972 ATYPICAL PSEUDOTUMOUR AFTER METAL-ON-POLYETHYLENE TOTAL HIP REPLACEMENT CAUSING DEEP VENOUS THROMBOSIS

Hesham AL-KHATEEB, Natasha PICARDO, Sammy HANNA, Mathew SEWELL, Robert POLLOCK (UNITED KINGDOM)

32689 LONG-TERM STABILITY OF CERAMIC COMPOSITE IN THA

Bernard MASSON (FRANCE)

32768 OXIDATIVE DEGRADATION IS NOT A CONCERN IN A FIRST-GENERATION ANNEALED HIGHLY CROSS-LINKED POLYETHYLENE IN YOUNG AND ACTIVE PATIENTS AT TEN YEARS

Danyal NAWABI, Matin LENDHEY, Morteza MEFTAH, Amar RANAWAT, Chitranjan RANAWAT (UNITED STATES)

31640 ADVERSE REACTION TO METAL DEBRIS FROM HEAD-NECK JUNCTION OF METAL ON METAL TOTAL HIP ARTHROPLASTY

Tomoaki YOSHIKAWA, Toru YAMAKAWA, Joji MORIKAWA, Mamoru MATSUMOTO, Shigeto NAKAZORA, Satoshi HOSOI, Akihiro SUDO (JAPAN)

31565 POLYETHYLENE LINER EXCHANGE IN REVISION TOTAL HIP ARTHROPLASTY: A STUDY OF 93 CASES

Chun Hoi YAN, Kwong Yuen CHIU, Fu Yuen NG (HONG KONG)

31004 ARE METAL ION LEVELS AN INDICATOR FOR POTENTIAL REVISION SURGERY IN CASE OF METAL ON METAL HIP ARTHROPLASTY?

Vaibhav BAGARIA, Rob WALLACE, Margie KABBANI (AUSTRALIA)

10:00 - 10:30 *Break*

10:30 - 12:00

Invited Lecture & Free Papers – Hip: Total Hip Arthroplasty - Revision

Moderators:

Philippe HERNIGOU (FRANCE), Maximilian RUDERT (GERMANY)

Invited Speaker

31044 STEM CELLS LOADED ALLOGRAFT WITH ACETABULAR REINFORCEMENT KERBOULL CROSS AND RETENTIVE CUP FOR ACETABULAR BONE RECONSTRUCTION IN HIP REVISION

Philippe HERNIGOU, Yashiuro HOMMA (FRANCE)

31438 REVISION TOTAL HIP ARTHROPLASTY USING WAGNER SL REVISION STEM

Jun-Dong CHANG, Sharukh DOTIVALA, Je-Hyun YOO, Suk-Woo BAEK (SOUTH KOREA)

33133 THE USE OF A DISTALLY FIXED, MODULAR REVISION HIP ARTHROPLASTY SYSTEM IN TWO DISTRICT GENERAL HOSPITALS – EARLY RESULTS WITH 102 STEMS

Jonathan STEVENSON, Antonia EDGE, Ashok SINHA, Phillip SHAYLOR, Ralph PERKINS (UNITED KINGDOM)

31779 ACETABULAR RECONSTRUCTION IN HIP REVISION ARTHROPLASTY

Tudor POP, Ancuta ZAZGYVA, Istvan GERGELY, Octav RUSSU, Ors NAGY (ROMANIA)

- 30954 APPLYING COMBINATION OF HYDROXYLAPATITE AND FEMORAL HEAD AUTOGRAFTS AT TOTAL HIP ARTHROPLASTY WITH ACETABULUM DEFECTS**
Stanislav BONDARENKO, Volodymyr FILIPENKO, Oleksii TANKUT (UKRAINE)
- 33158 RESULTS OF GREATER TROCHANTERIC REATTACHMENT USING A NEW GENERATION CABLE GRIP SYSTEM IN REVISION HIP REPLACEMENT**
Mathias NAGY, Geraint WILLIAMS, Raman BOHRA, Derek PEGG (UNITED KINGDOM)
- 33049 A REVIEW OF REVISION HIP ARTHROPLASTY FOR CERAMIC FRACTURES**
Hari KOVILAZHIKATHU SUGATHAN¹, Shankar KASHYAP¹, Nezar TUMIA¹, Mustafa ALNAIB²
¹(UNITED KINGDOM), ²(UNITED STATES)
- 32700 FULLY POROUS COATED STEMS IN REVISION THR**
Mrinal SHARMA (INDIA)
- 32667 GOOD LONG-TERM RESULTS OF POROUS PLASMA SPRAY (PPS) COATED BIOMET FEMORAL COMPONENT IN REVISION HIP ARTHROPLASTY: NO LOOSENING OF 12 STEMS IN 18-YEAR FOLLOW-UP**
Samuli KORPI, Hannu MIETTINEN, Jukka KETTUNEN (FINLAND)
- 31372 EXTRACTING THE WELL FIXED CORAIL STEM**
Mazin IBRAHIM, Stephen BLAIR (UNITED KINGDOM)

12:00 - 12:30 *Plenary Lecture – Freddie Fu*

ANATOMIC ACL RECONSTRUCTION: A 30-YEAR PERSPECTIVE
Freddie FU (UNITED STATES)

12:30 - 14:30 *Lunch break*

14:30 - 16:00 *Free Papers – Knee: Total Knee Arthroplasty I*

Moderator:
Sanjeev JAIN (INDIA)

- 32182 SAFETY, CONCERN AND RAPID ROAD TO RECOVERY: A PROSPECTIVE STUDY OF SIMULTANEOUS BILATERAL TOTAL KNEE REPLACEMENT IN 81 PATIENTS**
Sanjeev JAIN, Sandeep WASNIK (INDIA)

- 32179 DOES SUBVASTUS APPROACH HELP IN EARLY REHABILITATION IN ELDERLY NON-OBESE PATIENTS UNDERGOING BILATERAL SIMULTANEOUS TOTAL KNEE ARTHROPLASTY? A DOUBLE BLINDED RANDOMIZED CONTROLLED STUDY OF 50 PATIENTS**
Sanjeev JAIN, Sandeep WASNIK, Amber MITTAL (INDIA)
- 32912 EVALUATION OF TRANEXAMIC ACID IN REDUCING BLOOD LOSS IN TOTAL KNEE ARTHROPLASTY**
Jayaprasad PEDDA BHEMANNA VARI SAVARANNA, Kamaraj CHINNAPAN, Sameer Ahmed SYED (INDIA)
- 33044 DOES AUTOLOGOUS PLATELET RICH PLASMA HELP IN REDUCING BLOOD LOSS, PAIN AND ENHANCE WOUND HEALING AND FUNCTIONAL OUTCOME AFTER TOTAL KNEE ARTHROPLASTY?**
Aditya K. AGGARWAL, V.S. SHASHIKANTH, Neelam MARWAHA (INDIA)
- 32835 FATAL PULMONARY EMBOLISM FOLLOWING ELECTIVE TOTAL KNEE REPLACEMENT: A TEN-YEAR STUDY**
Timothy WILTON, Edward BAILEY, Peter HOWARD (UNITED KINGDOM)
- 32686 THROMBOPROPHYLAXIS WITH BEMIPARIN WAS ASSOCIATED WITH GREATER BLOOD LOSS THROUGH DRAINS AS COMPARED TO ENOXIPARIN AFTER TKA. RANDOMIZED TRIAL**
Justinas STUCINSKAS¹, Sarunas TARASEVICIUS¹, Alfredas SMAILY¹, Hans WINGSTRAND²
¹(LITHUANIA), ²(SWEDEN)
- 31295 ROLE OF INTRA-ARTICULAR TRANEXAMIC ACID IN TOTAL KNEE REPLACEMENT ARTHROPLASTY**
Chandra Shekhar YADAV¹, Kumar ASHOK², Devdutta NEOGI¹, Sumit BANERJEE¹
¹(INDIA), ²(UNITED ARAB EMIRATES)
- 33035 CHANGE IN TOURNIQUET APPLICATION PRACTICE, WHAT DID WE OBSERVE?**
Mansoor JAFRI (UNITED KINGDOM)
- 31022 CONTINUOUS FEMORAL NERVE BLOCK VERSUS A PERIARTICULAR INJECTION PROTOCOL IN TOTAL KNEE ARTHROPLASTY: A DOUBLE BLIND RANDOMIZED STUDY**
Ahmed AL-GHAMDI, Arnaud CHAUMERON, Marie-Ève LACASSE, Audy DANIEL, Pierre DROLET, Martin LAVIGNE, Pascal André VENDITTOLI (CANADA)

- 30830 LOCAL INFILTRATION ANALGESIA COULD BE SUPERIOR TO NERVE BLOCK IN TOTAL KNEE ARTHROPLASTY SURGERY – A RETROSPECTIVE STUDY OF 87 CASES**
Abdulrahman ALSAWADI, Humayon PERVEZ, Mark LOEFFLER (UNITED KINGDOM)
- 16:00 - 16:30 *Break*
- 16:30 - 17:00 **Plenary Lecture – C. Niek Van Dijk**
- OSTEOCHONDRAL TALAR DEFECT: THE RATIONALE FOR DIAGNOSIS AND TREATMENT**
C. NIEK VAN DIJK (NETHERLANDS)
- 17:00 - 18:30 **Invited Lecture & Free Papers – Knee: Total Knee Arthroplasty II**
- Moderators:*
Saeed ATTHANI (UNITED ARAB EMIRATES), Terry CLYBURN (UNITED STATES)
- Invited Speaker* **PATIENT SPECIFIC KNEE REPLACEMENT**
Terry CLYBURN (UNITED STATES)
- 32549 CORRECTION OF SEVERE VARUS KNEE DEFORMITY BY MODIFIED TECHNIQUES IN TOTAL KNEE ARTHROPLASTY**
Sanjib Kumar BEHERA, D. SREENIVAS, Anil SOMKAR (INDIA)
- 32236 IMPROVED ACCURACY OF FEMORAL COMPONENT ALIGNMENT WITH THE HIP CENTER MARKING TECHNIQUE COMPARED WITH THE CONVENTIONAL IMPLANTATION IN TOTAL KNEE ARTHROPLASTY**
Tanzo SUGIMORI, Kenji KITAMURA, Toru ICHISEKI, Kiyokazu FUKUI, Ayumi KANEUJI, Tadami MATSUMOTO (JAPAN)
- 32408 HOW THE GENDER SPECIFIC TOTAL KNEE PROSTHESES IMPROVE THE COMPONENT/FEMUR MATCHING?**
Bing YUE, You WANG (CHINA)
- 31492 RELEVANCE OF GENDER KNEE – MORPHOMETRIC ANALYSIS OF MALE AND FEMALE KNEE IN INDIAN POPULATION**
Balasubramanian GANAPATHY (INDIA)

- 31686 THE IMPACT OF KNEE ANATOMY ON FEMORAL COMPONENT ROTATION AND FLEXION GAP BALANCE IN TOTAL KNEE ARTHROPLASTY**
Fabian VON KNOCH¹, Christian ILMER¹, Laurent HARDER¹, Marius VON KNOCH², Stefan PREISS¹
¹(SWITZERLAND), ²(GERMANY)
- 32831 PATELLAR IMPINGEMENT ON TIBIAL POLYETHYLENE; IS IT A PROBLEM IN MODERN POSTERIOR STABILIZED TOTAL KNEE ARTHROPLASTY?**
Alvin ONG, Seung Hyun HWANG, Su Chan LEE, Hye Sun AHN, Kwang Am JUNG (UNITED STATES)
- 31413 COMPARATIVE STUDY OF TOTAL KNEE REPLACEMENT PATIENTS WITH AND WITHOUT PATELLAR RESURFACING**
Sathappan SATHAPPAN (SINGAPORE)
- 31393 CUSTOM FIT TOTAL KNEE ARTHROPLASTY: OUR INITIAL EXPERIENCE IN 32 KNEES**
Kamal BALI, Warwick BRUCE (AUSTRALIA)

Wednesday, 28 November

Sheikh Maktoum Hall B

08:30 - 10:00 *Free Papers – Spine: Trauma I*

Moderators:

Nipun JINDAL (INDIA), Wichien LAOHACHAROENSOMBAT (THAILAND)

- 31764 AN ANALYSIS OF CERVICAL SPINAL CORD INJURIES WITHOUT RADIOGRAPHIC EVIDENCE OF TRAUMA – A PROSPECTIVE STUDY**
Simanchal Prosad MOHANTY, Shyamasunder BHAT, Kumar Amerendra SINGH, Manindra BHUSHAN (INDIA)
- 32406 ROLE OF FUSION IN THORACOLUMBAR BURST FRACTURES TREATED BY SHORT SEGMENT PEDICLE SCREW FIXATION: A PROSPECTIVE RANDOMISED TRIAL**
Nipun JINDAL, Sohan Singh SANKHALA, Vikas BACHHAL (INDIA)
- 31268 THE INDEX PEDICLE SCREWS MANIPULATION WITH LORDOSIS FIXATION IN THE TREATMENT OF THORACOLUMBAR FRACTURE: THE SURGICAL TECHNIQUE AND RESULTS**
Pongsthorn CHANPLAKORN, Norachart SIRISREETREERUX, Noratep KULACHOTE, Wiwat WAJANAVISIT, Wichien LAOHACHAROENSOMBAT (THAILAND)
- 32745 BIOMECHANICAL STABILITY OF CEMENT AUGMENTED ANTERIOR ODONTOD SCREW FIXATION – AN IN VITRO STUDY**
Philipp SCHLEICHER, Daniel BUSSE, Matti SCHOLZ, Katharina POHLER, Frank KANDZIORA (GERMANY)
- 32695 BONE TURNOVER MARKERS IN PATIENTS WITH CHRONIC SPINAL CORD INJURY**
Vladyslav POVOROZNYUK, Maryna BYSTRYTSKA (UKRAINE)
- 31584 SUCCESSFUL TREATMENT OF UPPER CERVICAL INJURY ASSOCIATED WITH SEVERE HEAD TRAUMA BY USING HALO-VEST**
Pavel ZENCICA, Richard CHALOUPKA, Milos DUBA, Vladimir MUZIK (CZECH REPUBLIC)
- 31548 FORAMINAL STENOSIS CAUSED BY OSTEOPOROTIC VERTEBRAL COMPRESSION FRACTURE OF THE FIFTH LUMBAR SPINE**
Shunichi TOKI, Yoshinori TAKAHASHI, Akihiro NAGAMACHI (JAPAN)

31538 MEASUREMENT DISCREPANCY OF SAGITTAL PARAMETERS BETWEEN PLAIN RADIOGRAPHY AND 3D CT IN THORACOLUMBAR AND LUMBAR FRACTURES

Hyun-Cheol LEE, Yong-Min KIM, Dong-Soo KIM, Eui-Sung CHOI, Hyun-Chul SHON, Kyoung-Jin PARK, Byung-Ki CHO, Ji-Kang PARK, Seok-Won KIM, Jung-Kwon CHA, Ho-Seung JEONG (SOUTH KOREA)

31262 ELECTRIC LASER NEUROSTIMULATION CAPABILITIES IN VICTIMS OF VERTEBRAL CEREBRO-SPINAL INJURIES

Alexander TOMA, Ilya TOMA, Svetlana TOMA, Svetlana GRAMMA (RUSSIA)

31288 SAFETY PROFILE, FEASIBILITY AND EARLY CLINICAL OUTCOME OF CO-TRANSPLANTATION OF OLFACTORY MUCOSA AND BONE MARROW STEM CELLS IN SPINAL CORD INJURY – A NOVEL IMPLANTATION

Bangalore Kantharajanna SHASHIDHAR, G. Goni VIJAY (INDIA)

10:00 - 10:30 *Break*

10:30 - 12:00 **Free Papers – Spine: Trauma II**

Moderators:

Abdullah AL-OTHTMAN (SAUDI ARABIA), Keith Dip-Kei LUK (HONG KONG)

32499 THORACOLUMBAR BURST FRACTURES TREATED WITH POSTERIOR SHORT SEGMENT FIXATION – IS SURGICAL ARTHRODESIS REQUIRED? – A PROSPECTIVE STUDY

Shanmuganathan RAJASEKARAN, Kamath VIJAY, Ajoy P. SHETTY, (INDIA)

31623 SURGICAL TREATMENT OF UNSTABLE BURST FRACTURES OF THE DORSOLUMBAR SPINE BY SHORT SEGMENT POSTERIOR INSTRUMENTATION. TO FUSE OR NOT TO FUSE?

Mohammad EL-SHARKAWI, Yasser ELMILIGUI, Wael KOPTAN, Omar SOLIMAN (EGYPT)

30996 CORRECT SCREW POSITIONING IN MIS TRAUMA STABILIZATION

Marco TINELLI, Stefan MATSCHKE, Martin ADAMS, Arnold SUDA (GERMANY)

- 30872 COMPUTER TOMOGRAPHY ASSESSMENT OF PEDICLE SCREW PLACEMENT IN THORACIC SPINE: COMPARISON BETWEEN FREE HAND AND O-ARM BASED NAVIGATION TECHNIQUES**
Yasser ALLAM¹, Joerg SILBERMANN², Franziska RIESE², Holger KOEPPERT², Oliver SCHMIDT²
¹(EGYPT), ²(GERMANY)
- 30711 CONVENTIONAL PEDICULAR SCREW FIXATION IN THORACOLUMBAR AND LUMBAR SPINE USING ONLY LATERAL C-ARM IMAGE ASSISTANCE – A STUDY TO EVALUATE THE ACCURACY OF SCREW PLACEMENT**
Shyamasunder BHAT, S.P. MOHANTY, Gurinder Singh GOSAL, Saurabh CHAWLA (INDIA)
- 32783 INTRAOPERATIVE REVISIONS OF PEDICULAR SCREWS IN THORACIC AND LUMBAR FRACTURES USING FREE HAND TECHNIQUE**
Tarek Anwar EL-FIKY, Yasser ALLAM (EGYPT)
- 31347 LONG SEGMENT POSTERIOR FIXATION AND FUSION USING LOCALLY HARVESTED BONE GRAFT IN TRAUMATIC FRACTURE DISLOCATIONS OF THE THORACOLUMBAR SPINE**
Kamran FAROOQUE (INDIA)
- 31217 SPINAL PROFILE AFFECTS THE INCIDENT VERTEBRAL FRACTURE AND VICE VERSA: A POPULATION-BASED STUDY**
Tetsuya KOBAYASHI, Kiyoshi AONO, Shizuo JIMBO, Yuji ATSUTA (JAPAN)
- 31056 KYPHOPLASTY VERSUS VERTEBROPLASTY FOR PAINFUL OSTEOPORTIC VERTEBRAL COMPRESSION FRACTURES, WHICH ONE IS BETTER?**
Huilin YANG, Tao LIU (CHINA)
- 33150 COMPARING EFFECTS OF KYPHOPLASTY, VERTEBROPLASTY, AND NON-SURGICAL MANAGEMENT IN A META-ANALYSIS OF RANDOMIZED AND NON-RANDOMIZED CONTROLLED STUDIES**
Jan VAN MEIRHAEGHE¹, Ioannis PAPANASTASSIOU², Frank PHILLIPS², James BERENSON², Gunnar ANDERSSON², Kamran AGHYEV², Frank VRIONIS²
¹(BELGIUM), ²(UNITED STATES)

32874 A RANDOMIZED TRIAL OF BALLOON KYPHOPLASTY AND NON-SURGICAL MANAGEMENT FOR TREATING ACUTE VERTEBRAL COMPRESSION FRACTURES: VERTEBRAL BODY KYPHOSIS CORRECTION AND SURGICAL PARAMETERS

Jan VAN MEIRHAEGHE¹, Leonard BASTIAN², Steven BOONEN¹, Jonas RANSTAM³, Douglas WARDLAW⁴, Jan-Peter VAN MEIRHAEGHE¹
¹(BELGIUM), ²(GERMANY), ³(SWEDEN), ⁴(UNITED KINGDOM)

12:00 - 12:30 *Plenary Lecture – Freddie Fu (in Sheikh Maktoum Hall A)*

12:30 - 14:30 *Lunch break*

14:30 - 16:00 *Instructional Course – Spine: Failed Back Surgery*

Moderator:
K.V. MENON (INDIA)

AVOIDING COMPLICATIONS IN LUMBAR SPINE SURGERY
Cody BÜNGER (DENMARK)

A CLINICAL APPROACH TO FAILED BACK SURGERY
Keith LUK (HONG KONG)

RADIOLOGICAL ASSESSMENT OF FAILED DISC SURGERY
Shanmuganathan RAJASEKARAN (INDIA)

SURGICAL APPROACH AND CHALLENGES IN FAILED DISC SURGERY
(to be confirmed)

16:00 - 16:30 *Break*

16:30 - 17:00 *Plenary Lecture – C. Niek Van Dijk (in Sheikh Maktoum Hall A)*

17:00 - 18:30 *Invited Lecture & Free Papers – Miscellaneous: General Infection*

Moderator:
Burkhard LEHNER (GERMANY)

Invited Speaker **VALUE OF NEGATIVE PRESSURE WOUND THERAPY AND INSTILLATION IN THE TREATMENT OF INFECTED ORTHOPEDIC IMPLANTS**
Burkhard LEHNER (GERMANY)

- 32348 EFFICACY OF DOTS (SHORT COURSE INTERMITTENT) REGIMEN IN TUBERCULOSIS OF SPINE**
Anil JAIN, Amit SHRIVASTAVA, Namita SAINI (INDIA)
- 31381 IMAGING PARADIGM FOR RADIOLOGICAL EVALUATION OF ATYPICAL PRESENTATIONS AND DIFFICULT IMAGING SITES OF SPINAL TUBERCULOSIS**
Sudhir KAPOOR, Aashish CHAUDHRY, Minal CHAUDHRY, Saurabh KAPOOR (INDIA)
- 32726 WHAT'S THE EVIDENCE? – SYSTEMATIC LITERATURE REVIEW OF PEDIATRIC SPINE SURGICAL SITE INFECTION**
David ROYE, Matthew RIEDEL, Hiroko MATSUMOTO, Michael GLOTZBECKER, Mark ERICKSON, Lisa SAIMAN, Jack FLYNN, Michael VITALE (UNITED STATES)
- 31495 SURGICAL TREATMENT OF NON-SPECIFIC SEPTIC OSTEOARTHRITIS OF THE KNEE**
Chingiz ALIZADEH, Guseyn ALIEV, Zulfugar RZAEV (AZERBAIJAN)
- 33007 OPEN DRAINAGE VS. PERCUTANEOUS DRAINAGE IN THE TREATMENT OF TROPICAL PYOMYOSITIS. A PROSPECTIVE AND RANDOMIZED STUDY**
Evandro PALACIO, Jose GALBIATTI, Roberto MIZOBUCHI, Decio MORAES FILHO, Alcides DURIGAN JR., Erika ORTOLAN, Sergio MULLER (BRAZIL)
- 31281 COMPARISON OF GENTAMICIN RELEASE FROM GENTAMICIN IMPREGNATED BONE CEMENT AND MANUALLY MIXED ANTIBIOTIC-CEMENT PRODUCT**
Zoltan KOOS¹, Ferenc LISZT², Tamas KUSTOS¹, Lehel BALINT¹
¹(UNITED KINGDOM), ²(HUNGARY)
- 31190 'IN VITRO' HPLC ANALYSIS OF RELEASE OF VANCOMYCIN FROM ANTIBIOTIC IMPREGNATED NON COMMERCIALY PREPARED DEMINERALIZED BONE MATRIX**
Shyam Kumar SARAF, Santosh NAGWANI (INDIA)

Wednesday, 28 November

Sheikh Maktoum Hall C

08:30 - 10:00

IFPOS (International Federation of Paediatric Orthopaedic Societies) Mini Symposium & Free Papers – Paediatrics: Spine

Moderators:

John DORMANS (UNITED STATES), George THOMPSON (UNITED STATES)

Invited Speaker **SPINE TUMORS**

John P. DORMANS (UNITED STATES)

Invited Speaker **CURRENT STATUS OF EARLY ONSET SCOLIOSIS**

George H. THOMPSON (UNITED STATES)

32615 INTRODUCING THE EARLY ONSET SCOLIOSIS CLASSIFICATION SYSTEM

David ROYE JR.¹, Brendan WILLIAMS¹, Daren MCCALLA¹, Matsumoto HIROKO¹, Behrooz AKBARNIA¹, Laurel BLAKEMORE¹, Randal BETZ¹, John FLYNN¹, Charles JOHNSTON¹, Richard MCCARTHY¹, David SKAGGS¹, John SMITH¹, Brian SNYDER¹, Paul SPONSELLER¹, Peter STURM¹, George THOMPSON¹, Muharrem YAZICI², Michael VITALE¹
¹(UNITED STATES), ²(TURKEY)

31240 A NOVEL 3D-CT CLASSIFICATION FOR IRREDUCIBLE PEDIATRIC ATLANTOAXIAL ROTATORY SUBLUXATION: A KEY TO SUCCESSFUL CONSERVATIVE TREATMENT

Tetsuya KOBAYASHI, Kiyoshi AONO, Shizuo JIMBO, Yuji ATSUTA, Makoto HAYASHI, Mutsuya SHIMIZU (JAPAN)

32659 THE EARLY-ONSET SCOLIOSIS QUESTIONNAIRE (EOSQ) REFLECTS IMPROVEMENT IN QUALITY OF LIFE AFTER GROWTH ROD SURGERY

David ROYE JR., Hiroko MATSUMOTO, Daren MCCALLA, Kumar NAIR, Brendan WILLIAMS, Jacqueline CORONA, Benjamin ROYE, Behrooz AKBARNIA, John EMANS, David SKAGGS, John SMITH, Michael VITALE (UNITED STATES)

31574 SURGICAL TREATMENT OF CHILDREN WITH SPRENGEL'S DEFORMITY

Andrey POZDEEV (RUSSIA)

- 30859 THE EFFECTS OF OBESITY ON DEFORMITY CORRECTION IN ADOLESCENT AND JUVENILE IDIOPATHIC SCOLIOSIS**
George THOMPSON, Christina HARDESTY, Jochen SON-HING,
Connie POE-KOCHERT (UNITED STATES)

10:00 - 10:30 *Break*

10:30 - 12:00 **Free Papers – Paediatrics: Cerebral Palsy & Upper Extremity**

Moderators:

Patricia FUCS (BRAZIL), Ashok JOHARI (INDIA)

- 33004 FUNCTIONAL OUTCOME OF A NEW SINGLE EVENT MULTILEVEL LEVER ARM RESTORATION AND ANTI SPASTICITY SURGERY FOR CEREBRAL PALSY**

Deepak SHARAN, Ajeesh SASIDHARAN, Rameshkumar RANGANATHAN, Jeena JOSE (INDIA)

- 31013 POST SPINAL SURGERY IN CEREBRAL PALSY HIP SUBLUXATION/DISLOCATION**

Abdullah ALBIN SALEH¹, James JARVIS², Sarah MILNE²
¹(SAUDI ARABIA), ²(CANADA)

- 32342 SINGLE EVENT MULTILEVEL SURGERY IN UNTREATED SPASTIC CEREBRAL PALSY CHILDREN: FUNCTIONAL OUTCOME**

Raju KARUPPAL, T.S. GOPAKUMAR (INDIA)

- 31129 PERCUTANEOUS HAMSTRING RELEASE AND MOBILE BROOMSTICK IN TREATMENT OF CEREBRAL PALSY**

Hatem RAWASHDEH (JORDAN)

- 30706 SUPRACONDYLAR FEMORAL EXTENSION OSTEOTOMY AND PATELLAR TENDON ADVANCEMENT IN THE MANAGEMENT OF PERSISTENT CROUCH GAIT IN CEREBRAL PALSY**

Sakti DAS, Ganesh SHANKAR, Sudhakar PRADHAN, Ram Narayan MOHANTY (INDIA)

- 31072 PERTHES' DISEASE IN CEREBRAL PALSY PATIENTS. A CASE PRESENTATION AND REVIEW ARTICLE**

Mohamed HOSNY (EGYPT)

- 33114 COMPLICATIONS WITH LOCKING PEDIATRIC FEMUR PLATES AT OSTEOTOMIES OF PATIENTS WITH CEREBRAL PALSY**

Cemil YILDIZ, Atil ATILLA, Kenan KOCA, Tolga EGE, Mustafa BASBOZKURT (TURKEY)

31284 EFFECT OF LATISSIMUS DORSI AND TERES MAJOR TRANSFERS IN NEGLECTED CHILDREN WITH BRACHIAL PLEXUS PALSY
Cemil YILDIZ, Kenan KOCA, Atıl ATILLA, Bulent KARSLIOGLU, Mustafa BASBOZKURT (TURKEY)

32764 RESTORATION OF FINGERS IN CHILDREN BY TOE TO HAND TRANSFER
Sergey GOLYANA, Andrey SAFONOV, Anton GOVOROV, Vladimir ZAVARUCHIN (RUSSIA)

30791 SURGICAL REHABILITATION OF THE UPPER EXTREMITY IN CHILDREN WITH ARTHROGRYPOSIS
Olga AGRANOVICH, Alexey BAINDURASHVILI (RUSSIA)

12:00 - 12:30 *Plenary Lecture – Freddie Fu (in Sheikh Maktoum Hall A)*

12:30 - 14:30 *Lunch break*

14:30 - 16:00 *Instructional Course – Trauma: Polytrauma Treatment*

Moderators:

Hans-Christoph PAPE (GERMANY), Vilmos VÉCSEI (AUSTRIA), James P. WADDELL (CANADA)

EARLY TOTAL CARE VS DAMAGE CONTROL ORTHOPAEDIC SURGERY IN POLYTRAUMA

James P. WADDELL (CANADA)

POLYTRAUMA AND ELDERLY

Vilmos VÉCSEI (AUSTRIA)

POLYTRAUMA TREATMENT ALGORITHM

Hans-Christoph PAPE (GERMANY)

16:00 - 16:30 *Break*

16:30 - 17:00 *Plenary Lecture – C. Niek Van Dijk (in Sheikh Maktoum Hall A)*

17:00 - 18:30 *Invited Lectures & Free Papers – Miscellaneous: Osteotomies & Reconstructive Surgery*

Moderators:

Gamal Ahmed HOSNY (EGYPT), Michael WEBER (UNITED ARAB EMIRATES)

- Invited Speaker* **33430 CONGENITAL CRURAL SEGMENTAL DYSPLASIA – THERAPY ALGORITHM ACCORDING TO WEBER-CLASSIFICATION**
Michael WEBER (UNITED ARAB EMIRATES)
- Invited Speaker* **NON ARTHROPLASTY HIP RECONSTRUCTION (OSTEOTOMIES, DISTRACTION)**
Gamal Ahmed HOSNY (EGYPT)
- Invited Speaker* **MICROSURGICAL RECONSTRUCTION OF SEVERE LIMB INJURIES INCLUDING BLAST INJURIES**
Marko BUMBASIREVIC (SERBIA)
- 32109 RISK FACTORS OF DIAPHYSEAL LONG BONE NON-UNION**
Frédéric SCHUIND¹, Jacques HERNIGOU²
¹(BELGIUM), ²(FRANCE)
- 33431 WEBER CABLE TECHNIQUE FOR SALVAGE PROCEDURE OF OSTEOMYELITIS**
Michael WEBER (UNITED ARAB EMIRATES)
- 33433 BLOUNT DISEASE**
Gamal Ahmed HOSNY (EGYPT)
- 32936 SALVAGE RECONSTRUCTION OF MASSIVE BONE LOSS USING ILIZAROV PRINCIPLES**
Mohamed FADEL, Gamal HOSNY (EGYPT)

Wednesday, 28 November Sheikh Maktoum Hall D

08:30 - 10:00

SICOT Trauma Committee Symposium & Free Papers – Trauma: Tibial Pilon Fractures

Moderators:

Vilmos VÉCSEI (AUSTRIA), James WADDELL (CANADA)

Invited Speaker

PILON TIBIAL DIAGNOSTICS AND CLASSIFICATION

Peter BIBERTHALER (GERMANY)

Invited Speaker

PILON TIBIAL – CONSERVATIVE THERAPY

Philipp AHRENS (GERMANY)

Invited Speaker

PILON TIBIAL – OPERATIVE THERAPY

Reinhard SCHNETTLER (GERMANY)

33083 THE CURRENT-DAY MANAGEMENT OF COMPLEX DISTAL TIBIAL FRACTURES

Adrian BARBILIAN, Marius MOGA, Stefan MITULESCU, Mark-Edward POGARASTEANU (ROMANIA)

32580 MANAGEMENT OF DISTAL TIBIAL FRACTURES BY JESS

Shah Waliullah SHAH WALI, Vineet Sharma VINEET, Ashish Kumar ASHISH, Santosh Kumar SANTOSH, K. SHANTANU (INDIA)

31219 LOCKING PLATE OSTEOSYNTHESIS FOR TREATMENT OF DISTAL TIBIA FRACTURES

Ashish Kumar GOHIYA, Rahul VERMA, Suneet TANDON, Anoop MEHROTRA, Sanjiv GAUR (INDIA)

32247 DIFFERENT MANAGERMENTS OF DISTAL TIBIAL FRACTURES

Wajahat Jamal ASHRAF (INDIA)

10:00 - 10:30

Break

10:30 - 12:00

SICOT Trauma Committee Symposium – Trauma: Malleolar Fractures

Moderators:

Thami BENZAKOUR (MOROCCO), Reinhard SCHNETTLER (GERMANY)

MALLEOLAR FRACTURES – BIOMECHANICS, CLASSIFICATION AND DIAGNOSTICS

Gholam PAJENDA (AUSTRIA)

MALLEOLAR FRACTURES – CONSERVATIVE THERAPY

James Patterson WADDELL (CANADA)

MALLEOLAR FRACTURES – OPERATIVE THERAPY

Vilmos VÉCSEI (AUSTRIA)

**EPIPHYSEAL INJURIES – AROUND THE UPPER ANKLE JOINT –
CLASSIFICATION & TREATMENT**

Philipp AHRENS (GERMANY)

**TRIMALLEOLAR FRACTURES AND SYNDESMOTIC INJURIES,
A CHALLENGING ASSOCIATION**

Thami BENZAKOUR (MOROCCO)

12:00 - 12:30 *Plenary Lecture – Freddie Fu (in Sheikh Maktoum Hall A)*

12:30 - 14:30 *Lunch break*

14:30 - 16:00 *SICOT Trauma Committee Symposium & Free Papers –
Trauma: Talus & Ankle Fractures*

Moderators:

Peter BIBERTHALER (GERMANY), Gholam PAJENDA (AUSTRIA)

Invited Speaker **TALUS FRACTURES – DIAGNOSTICS AND CLASSIFICATION**

Andreas H. RUECKER (GERMANY)

Invited Speaker **TALUS FRACTURES – THERAPY**

John KEATING (UNITED KINGDOM)

Invited Speaker **TALUS – OSTEONECROSIS**

Peter BIBERTHALER (GERMANY)

Invited Speaker **PEDIATRIC ASPECTS**

Babak SIAVASHI (IRAN)

32111 OPERATIVE TREATMENT OF TALAR NECK FRACTURE

Gholam PAJENDA, Vilmos VÉCSEI (AUSTRIA)

32052 LATE FUNCTIONAL RESULTS OF MALLEOLAR FRACTURES

May LABIDI, Slavko DAVILA, Stella DAVILA, Tin EHRENFREUND,
Damir HALUZAN (CROATIA)

**30853 EVALUATION OF TORSIONAL, COMPRESSIVE AND SHEAR FORCES
IN DIFFERENT FIXATION MODES OF WEBER B ANKLE FRACTURE**

Masroor Ahmad NAVEED, Rhys PULLIN, Cathy HOLT, Catherine
HOLT (UNITED KINGDOM)

30879 AN ANATOMICAL STUDY OF THE STRUCTURES AT RISK AS APPLIED TO THE POSTEROLATERAL APPROACH TO THE DISTAL TIBIA

Surjit LIDDER¹, Sean MASTERSON¹, Nima HEIDARI², Stephan GRECHENIG², Hans CLEMENT², Peter TESCH², Wolfgang GRECHENIG²
¹(UNITED KINGDOM), ²(AUSTRIA)

16:00 - 16:30 *Break*

16:30 - 17:00 *Plenary Lecture – C. Niek Van Dijk (in Sheikh Maktoum Hall A)*

17:00 - 18:30 *SICOT Trauma Committee Symposium & Free Papers – Trauma: Calcaneal Fractures*

Moderators:
 Dariush GOURAN SAVADKOOHI (IRAN), Stefan MARLOVITS (AUSTRIA)

Invited Speaker **CALCANEAL FRACTURES – MECHANISM, CLASSIFICATION AND DIAGNOSTICS**

Tomas BRAUNSTEINER (UNITED ARAB EMIRATES)

Invited Speaker **CALCANEAL FRACTURES – CONSERVATIVE THERAPY**

Dariush GOURAN SAVADKOOHI (IRAN)

Invited Speaker **CALCANEAL FRACTURES – OPERATIVE THERAPY: MIPO**

Marwan IHAB ABBAS (UNITED ARAB EMIRATES)

Invited Speaker **CALCANEAL FRACTURES – OPERATIVE THERAPY: ORIF**

Volker BRAUNSTEIN (GERMANY)

Invited Speaker **CALCANEAL FRACTURES – SEQUELAE, HOW TO TREAT?**

Stefan MARLOVITS (AUSTRIA)

31369 LONG-TERM RESULTS OF NON-SURGICAL TREATED CALCANEAL FRACTURES

Huub J.L. VAN DER HEIDE, Kees BARTLEMA, Rutger TORDOIR (NETHERLANDS)

32077 A NEW MINIMALLY INVASIVE TECHNIQUE FOR TREATMENT OF INTRA-ARTICULAR FRACTURES OF THE CALCANEUS – PRELIMINARY RESULTS

Mohamed GOMMA, Ahmed EL NAGGAR, Ashraf ANBAR (EGYPT)

**31503 FRACTURES OF CALCANEUM: ROLE OF MODIFIED ESSEX-
LOPRESTI REDUCTION AND PERCUTANEOUS CANNULATED
CANCELLOUS SCREW FIXATION**

Rahul MEHTA, Tanveer Singh BHUTANI, Gaurav SACHDEVA,
Samar Kumar BISWAS (INDIA)

Wednesday, 28 November
Sheikh Rashid Hall A

08:30 - 10:00 *Symposium – Sports Traumatology: Hip Arthroscopy*

Moderator:

Vikas KHANDUJA (UNITED KINGDOM)

INTRODUCTION

Vikas KHANDUJA (UNITED KINGDOM)

HISTORY OF ARTHROSCOPIC SURGERY OF THE HIP

Richard FIELD (UNITED KINGDOM)

**GAINING ACCESS TO THE CENTRAL AND PERIPHERAL
COMPARTMENTS OF THE HIP & ARTHROSCOPIC ANATOMY**

Fares HADDAD (UNITED KINGDOM)

INDICATIONS FOR ARTHROSCOPIC SURGERY OF THE HIP

John O'DONNELL (AUSTRALIA)

**PATHOANATOMY AND ARTHROSCOPIC MANAGEMENT OF
FEMOROACETABULAR IMPINGEMENT**

Vikas KHANDUJA (UNITED KINGDOM)

EXTRA-ARTICULAR HIP ENDOSCOPY

Emmanuel AUDENAERT (BELGIUM)

**REHABILITATION FOLLOWING ARTHROSCOPIC SURGERY OF THE
HIP**

Luis PEREZ CARRO (SPAIN)

**COMPLICATIONS FOLLOWING ARTHROSCOPIC SURGERY OF THE
HIP**

Hatem Galal SAID (EGYPT)

THE FUTURE OF ARTHROSCOPIC SURGERY OF THE HIP

Anil RANAWAT (UNITED STATES)

DISCUSSION

10:00 - 10:30 *Break*

10:30 - 12:00

Free Papers – Sports Traumatology: Hip, Ankle & Wrist Arthroscopy

Moderator:

Fares HADDAD (UNITED KINGDOM)

- 30951 HIP ARTHROSCOPY IN MANAGEMENT OF FAI**
Hatem G. SAID, Mohamed A. MASOUD, Maher ASSAL (EGYPT)
- 32577 NEW CIRCLE SIGN AS A SCREENING TEST FOR CAM-TYPE FEMOROACETABULAR IMPINGEMENT SYNDROME**
Rohit LUTHRA, Christian SOBAU (GERMANY)
- 32187 COMPARATIVE STUDY OF CONTEMPORARY VS DELAYED BILATERAL HIP ARTHROSCOPY**
Christian FORONDA, Claudio ARRIAGADA, Cristobal MEIROVICH, Oscar AZOCAR (CHILE)
- 32735 LEARNING CURVE OF HIP ARTHROSCOPY WITH INVASIVE DISTRACTOR: A SAFE AND REPRODUCIBLE METHOD**
Dinh Qui Du PHAN, Alain POTAZNIK, Samir HAMOUDI, Marc JAYANKURA (BELGIUM)
- 33090 THE ROLE OF FLUOROSCOPICALLY GUIDED INTRA-ARTICULAR HIP INJECTIONS IN POTENTIAL HIP ARTHROSCOPY CANDIDATES: EXPERIENCE AT A UK TERTIARY REFERRAL CENTRE OVER 34 MONTHS**
Johnny MATHEWS, David LOVEDAY, Vikas KHANDUJA (UNITED KINGDOM)
- 32184 FLUOROSCOPY IN HIP SCOPE, REDUCING ITS UNNECESSARY USE**
Cristobal MEIROVICH, Christian FORONDA, Claudio ARRIAGADA, Oscar AZOCAR (CHILE)
- 32181 INTRA-ARTICULAR CORTICOSTEROIDS FOR PAIN MANAGEMENT AFTER HIP ARTHROSCOPY**
Christian FORONDA, Claudio ARRIAGADA, Cristobal MEIROVICH, Oscar AZOCAR (CHILE)
- 31820 EARLY RETURN TO SPORTS WITH ATHLETES ABOUT POSTERIOR ANKLE IMPINGEMENT SYNDROME: UTILITY OF ARTHROSCOPIC SURGERY**
Tomohiro MATSUI, Ichiro HIGASHIYAMA, Tsukasa KUMAI, Yasushi SHINOHARA, Yasuhito TANAKA (JAPAN)

32961 GAIT ANALYSIS ASSESSMENT OF CHRONIC ANKLE INSTABILITY PATIENTS TREATED WITH ARTHROSCOPIC SYNOVECTOMY
 Egemen ALTAN, Mehmet OZBAYDAR, Murat TONBUL, Hakan SENARAN, Yener TEMELLI, Ekin AKALAN, Kuchimov SEVKET (TURKEY)

32715 A JOURNEY TO WRIST JOINT ARTHROSCOPY: ACCURACY OF CLINICAL EXAMINATION AND MRI
 Bijayendra SINGH, Rajesh BAWALE (UNITED KINGDOM)

12:00 - 12:30 *Plenary Lecture – Freddie Fu (in Sheikh Maktoum Hall A)*

12:30 - 14:30 *Lunch break*

14:30 - 16:00 *Invited Lectures & Free Papers – Sports Traumatology: Patella & Meniscus*

Moderator:
 Albert VAN KAMPEN (NETHERLANDS)

Invited Speaker **DIAGNOSIS AND MODERN TREATMENT OPTIONS FOR PATELLA INSTABILITY**
 Albert VAN KAMPEN (NETHERLANDS)

Invited Speaker **CURRENT CONCEPTS IN THE TREATMENT OF PATELLAR INSTABILITY**
 Zlatko TEMELKOVSKI (MACEDONIA)

32449 THE IMMEDIATE EFFECT OF PATELLAR TAPING ON PATELLOFEMORAL PAIN SYNDROME WITH INTERNAL ROTATION OF DISTAL FEMUR
 Yeong-Jang CHEN¹, Chih-Chung HSU¹, Hongsen CHIANG¹, Alison CHANG², Chih-Yi SHEN¹, Ching-Chuan JIANG¹
¹(TAIWAN), ²(UNITED STATES)

32161 MPFL RECONSTRUCTION USING AUTOLOGOUS SINGLE HAMSTRING (SEMITENDINOSUS) GRAFT – OUR EXPERIENCE
 John EDWIN, Sunil DACHEPALLI, Sudhir RAO (UNITED KINGDOM)

32138 PATELLA TENDONITIS IN THE SETTING OF AN ENGLISH PREMIER LEAGUE FOOTBALL CLUB
 Neil JAIN, Steve KEMP, David MURRAY (UNITED KINGDOM)

30912 COMBINED ARTHROSCOPIC LATERAL PATELLAR RETINACULAR RELEASE WITH PPLICATION OF MEDIAL PATELLOFEMORAL LIGAMENT FOR TREATMENT OF PATELLOFEMORAL INSTABILITY
 Wael NASSAR (EGYPT)

32892 LATERAL MENISCECTOMY: THE BEGINNING OF THE END OF THE KNEE

Danyal NAWABI¹, Andrew WILLIAMS²
¹(UNITED STATES), ²(UNITED KINGDOM)

32131 LEARNING AND RETAINING ARTHROSCOPIC MENISCAL REPAIR

Tanvir KHAN, William JACKSON, Abtin ALVAND, Sami AL-ALI,
Harinderjit GILL, Andrew PRICE, Jonathan REES (UNITED
KINGDOM)

16:00 - 16:30 *Break*

16:30 - 17:00

Plenary Lecture – C. Niek Van Dijk (in Sheikh Maktoum Hall A)

17:00 - 18:30

*Instructional Course – Sports Traumatology: Anterior
Cruciate Ligament Reconstruction: How To Do It - My
Favourite Technique*

Moderators:

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

ACL RECONSTRUCTION – MY FAVORITE TECHNIQUE

Pedro GUILLEN¹, Freddie FU², Gonzalo VAZQUEZ VELA³, Chadwick
SMITH², Ramon CUGAT¹, René VERDONK⁴
¹(SPAIN), ²(UNITED STATES), ³(MEXICO), ⁴(BELGIUM)

DISCUSSION AND QUESTIONS

Wednesday, 28 November
Sheikh Rashid Hall B

08:30 - 10:00

IGASS (International Group for Advancement in Spinal Science) Symposium – Modern Trends in Spine Trauma I

Moderators:

Rune HEDLUND (SWEDEN), Bernhard MEYER (GERMANY)

WELCOME & INTRODUCTION IGASS

Rune HEDLUND (SWEDEN)

THE DIVIDING POINT BETWEEN CONSERVATIVE AND SURGICAL TREATMENT OF THE THORACOLUMBAR BURST FRACTURE

Cody BÜNGER (DENMARK)

PELVIC FRACTURE INCLUDING THE SACRUM – THE CROSSROAD BETWEEN THE TRAUMA SURGEON AND THE SPINE SURGEON

Hans GRANHED (SWEDEN)

FRACTURES OF THE ANKYLOSED SPINE: MUST THEY ALL BE OPERATED ON?

Rune HEDLUND (SWEDEN)

10:00 - 10:30

Break

10:30 - 12:00

IGASS (International Group for Advancement in Spinal Science) Symposium – Modern Trends in Spine Trauma II

Moderators:

Rune HEDLUND (SWEDEN), Bernhard MEYER (GERMANY)

WHAT IS THE OPTIMAL TREATMENT OF THE ODONTOID FRACTURE?

Shanmuganathan RAJASEKARAN (INDIA)

OPERATIVE TREATMENT AND SURGICAL TIMING IN TRAUMA TO THE STENOTIC CERVICAL SPINE

Bernhard MEYER (GERMANY)

ADJOURNMENT

Rune HEDLUND (SWEDEN)

12:00 - 12:30

Plenary Lecture – Freddie Fu (in Sheikh Maktoum Hall A)

12:30 - 14:30

Lunch break

14:30 - 16:00

WHO (World Health Organization) Mini Symposium & Free Papers – Use of Substance of Human Origin

Moderators:

Maurice HINSEKAMP (BELGIUM), Luc NOEL (SWITZERLAND)

Invited Speaker **BIOVIGILANCE, TRACEABILITY AND NOTIFICATION OF INCIDENTS WITH SUBSTANCES FROM HUMAN ORIGIN**

Luc NOEL (SWITZERLAND)

Invited Speaker **MASSIVE OSTEOCHONDRAL ALLOGRAFTS**

Dominique G. POITOUT (FRANCE)

31552 KHADRA TISSUE BANK

Mohamed RASHED (LIBYA)

32099 GIANT CELL TUMOUR OF THE DISTAL RADIUS: WIDE RESECTION AND RECONSTRUCTION BY NON-VASCULARISED PROXIMAL FIBULAR AUTOGRAFT: 10 YEARS FOLLOW UP

Ayman BASSIONY (EGYPT)

31113 ROLE OF AUTOGENOUS NON-VASCULARIZED FIBULAR STRUT GRAFT IN THE RECONSTRUCTION OF LARGE BONY DEFECTS

Somen AGRAWAL, Sumit BATRA, Anil GOWDA (INDIA)

30867 PASTEURIZED OSTEOARTICULAR AUTOLOGOUS GRAFT FOR RECONSTRUCTION OF THE PROXIMAL HUMERUS AFTER RESECTION OF OSTEOSARCOMA

Adel Refaat AHMED (EGYPT)

16:00 - 16:30 *Break*

16:30 - 17:00

Plenary Lecture – C. Niek Van Dijk (in Sheikh Maktoum Hall A)

17:00 - 18:30

Symposium – Trauma: Femoral Neck Fractures

Moderator:

James WADDELL (CANADA)

SCOPE OF THE PROBLEM

James WADDELL (CANADA)

REDUCTION & FIXATION

Frankie LEUNG (HONG KONG)

ARTHROPLASTY

John KEATING (UNITED KINGDOM)

IMPROVING RESULTS

James WADDELL (CANADA)

DISCUSSION / Q&A

Wednesday, 28 November

Sheikh Rashid Hall C

08:30 - 10:00

Instructional Course – Shoulder & Elbow: Anterior Shoulder Instability

Moderators:

Jacinto MONTEIRO (PORTUGAL), Hatem SAID (EGYPT)

ACUTE DISLOCATION – MANAGEMENT AND COMPLICATIONS

Jacinto MONTEIRO (PORTUGAL)

CHRONIC INSTABILITY – CLINICAL AND IMAGING ASSESSMENT

Ali AL SUWAIDI (UNITED ARAB EMIRATES)

INDICATIONS & TECHNIQUE OF ARTHROSCOPIC TREATMENT

Ernst WIEDEMANN (GERMANY)

PITFALLS & COMPLICATIONS OF ARTHROSCOPIC TREATMENT

Mohamed SOBHY (EGYPT)

ARTHROSCOPIC LATARJET

Ahmed KANDIL (EGYPT)

DISCUSSION

10:00 - 10:30

Break

10:30 - 12:00

Symposium – Shoulder & Elbow: Biceps Tendon Pathology

Moderators:

Jacinto MONTEIRO (PORTUGAL), Ernst WIEDEMANN (GERMANY)

ANATOMY AND FUNCTION

Wai Pan YAU (HONG KONG)

HISTOLOGICAL AND MICROSCOPIC ASPECTS IMPLICATIONS

Jacinto MONTEIRO (PORTUGAL)

DIAGNOSIS

Nuri AYDIN (TURKEY)

SLAP LESIONS – SURGICAL TECHNIQUES, INDICATIONS AND RESULTS

Ernst WIEDEMANN (GERMANY)

TENOTOMY VS TENODESIS

Hatem SAID (EGYPT)

DISCUSSION

12:00 - 12:30 *Plenary Lecture – Freddie Fu (in Sheikh Maktoum Hall A)*

12:30 - 14:30 *Karl Storz Industry Symposium – Anatomic ACL Reconstruction - From Graft Harvesting To Double Bundle*

Moderator:

Thore ZANTOP (GERMANY)

14:30 - 16:00 *Symposium – Shoulder & Elbow: Stiff Elbow*

Moderator:

Roger VAN RIET (BELGIUM)

ETIOLOGY, CLASSIFICATION AND CLINICAL EVALUATION

Roger VAN RIET (BELGIUM)

ELBOW ARTHROSCOPY OF OA

Thomas BARTHEL (GERMANY)

ARTHROSCOPIC RELEASE – SURGICAL TECHNIQUE, INDICATIONS AND RESULTS

Thomas BARTHEL (GERMANY)

OPEN RELEASE – SURGICAL TECHNIQUE, INDICATIONS AND RESULTS

Amr EL SAYED (EGYPT)

TOTAL ELBOW ARTHROPLASTY FOR THE TREATMENT OF STIFF ELBOW

Roger VAN RIET (BELGIUM)

16:00 - 16:30 *Break*

16:30 - 17:00 *Plenary Lecture – C. Niek Van Dijk (in Sheikh Maktoum Hall A)*

17:00 - 18:30

AO Spine Symposium – Updates on the Management of Spinal Trauma

Moderator:

Abdulrazzaq ALOBAID (KUWAIT)

INTRODUCTION TO AO SPINE MIDDLE EAST

Abdulrazzaq ALOBAID (KUWAIT)

EVIDENCE BASED UPDATE ON THE TREATMENT OF ODONTOID FRACTURES

Abdulaziz AL MUTAIR (KUWAIT)

HANGMAN'S FRACTURES: CLASSIFICATION AND TREATMENT OPTIONS

Abdulrazzaq ALOBAID (KUWAIT)

EVIDENCE BASED UPDATE ON THE MANAGEMENT OF BILATERAL/UNILATERAL FACET DISLOCATION

Shanmuganathan RAJASEKARAN (INDIA)

TIMING OF THORACOLUMBAR SPINE FRACTURE FIXATION IN MULTI-TRAUMA PATIENTS

Zayed AL-ZAYED (SAUDI ARABIA)

VERTEBROPLASTY, KYPHOPLASTY, OR VBS: WHICH ONE TO USE FOR VERTEBRAL OSTEOPOROTIC FRACTURES?

Amer AZIZ (PAKISTAN)

Wednesday, 28 November

Sheikh Rashid Hall D

08:30 - 10:00 *Symposium – Knee: Painful Total Knee Replacement*

Moderators:

Lawrence FREEDMAN (UNITED KINGDOM), Ajay GUPTA (UNITED KINGDOM), Chitranjan S. RANAWAT (UNITED STATES)

DEALING WITH PAINFUL TKR

Chitranjan S. RANAWAT (UNITED STATES)

PAINFUL INFECTED TOTAL KNEE

Ajay GUPTA (UNITED KINGDOM)

POST TKR INSTABILITY AS CAUSE OF PAIN

Lawrence FREEDMAN (UNITED KINGDOM)

10:00 - 10:30 *Break*

10:30 - 12:00 *Instructional Course – Knee: Osteotomy Around the Knee*

Moderator:

Vikas KHANDUJA (UNITED KINGDOM)

OSTEOTOMY AROUND THE KNEE

Vikas KHANDUJA (UNITED KINGDOM)

CAS FOR OSTEOTOMY AROUND THE KNEE

Kamal DEEP (UNITED KINGDOM)

HTO WITH DYNAMIC AXIAL FIXATOR

Mangal PARIHAR (INDIA)

OPEN WEDGE TIBIAL OSTEOTOMY

Alex E. STAUBLI (SWITZERLAND)

12:00 - 12:30 *Plenary Lecture – Freddie Fu (in Sheikh Maktoum Hall A)*

12:30 - 14:30 *CeramTec Industry Symposium – Ceramics in THR: Clinical and Technical Update*

Moderator:

Robert STREICHER (SWITZERLAND)

CERAMIC-ON-CERAMIC IN DIFFICULT CASES

Francesco BENAZZO (ITALY)

FROM BIOLOX® TO BIOLOX®DELTA: LONG-TERM EXPERIENCE

Remzi TÖZÜN (TURKEY)

PERFORMANCE AND OUTCOME OF BIOLOX®DELTA CERAMIC BEARINGS IN FAILED METAL-IN-METAL HIPS

Raghu RAMAN (UNITED KINGDOM)

14:30 - 16:00

Instructional Course – Hip: Hip Preserving Surgery in Young Patients

Moderator:

Jacques CATON (FRANCE)

HIP ARTHROSCOPY

Nicolas BONIN (FRANCE)

DISTAL TRANSFER OF THE GREAT TROCHANTER

Jacques CATON (FRANCE)

SHELF PROCEDURE

Philippe CHIRON (FRANCE)

FEMORAL OSTEOTOMY AND HIP PRESERVING IN ONA

Philippe HERNIGOU (FRANCE)

PERIACETABULAR OSTEOTOMY CONCLUSION AND DISCUSSION

Xavier FLECHER (FRANCE)

16:00 - 16:30

Break

16:30 - 17:00

Plenary Lecture – C. Niek Van Dijk (in Sheikh Maktoum Hall A)

17:00 - 18:30

Invited Lecture & SOFCOT (Société Française de Chirurgie Orthopédique et Traumatologique) Symposium – Hip: Hip Arthroplasty - Ceramic on Ceramic & Double Mobility Concept

Moderators:

(to be confirmed)

LONG-TERM RESULTS OF CERAMIC ON CERAMIC IN PRIMARY THR: THE BIOLOX® EXPERIENCE

Raghu RAMAN (UNITED KINGDOM)

DOUBLE MOBILITY CONCEPT: THE FRENCH EXPERIENCE
Philippe TRACOL, Alain SAUTET (FRANCE)

Wednesday, 28 November
Sheikh Rashid Hall D

Wednesday, 28 November Dubai A & B

08:30 - 10:00 *Symposium – Research: Tissue Engineering*

Moderator:

Frédéric SCHUIND (BELGIUM)

TISSUE ENGINEERING IN OSTEOPOROSIS

Ping-Chung LEUNG (HONG KONG)

TISSUE ENGINEERING OF BONE

Hamish SIMPSON (UNITED KINGDOM)

TISSUE ENGINEERING OF CARTILAGE

Norimasa NAKAMURA (JAPAN)

HAND TRANSPLANTATION – POSSIBILITIES OF TOLERANCE INDUCTION

Frédéric SCHUIND (BELGIUM)

10:00 - 10:30 *Break*

10:30 - 12:00 *Free Papers – Research: Biomaterials I*

Moderator:

Johannes REICHERT (GERMANY)

33060 THE RESULTS OF INTRA-ARTICULAR POLYACRYLAMIDE GEL INJECTION FOR COMPENSATION OF SYNOVIAL FLUID VISCOSITY IN PATIENTS WITH OSTEOARTHRITIS OF KNEE JOINT

Vadim ZAR, Victor VOLOSHIN, Andrei MARTYNOV (RUSSIA)

33050 ASSESSMENT OF THE POTENTIAL OF STEM CELL SEEDED PEOT/PBT SCAFFOLD FOR OSTEOCHONDRAL REPAIR IN VIVO

Khalid Merghani SALIH MOHAMED¹, Valerie BARRON¹, Fintan SHANNON¹, A. NANDAKUMAR¹, L. MORONI², P. HABIBOVIC², Abiriami MANNION¹, Mary MURPHY¹, Frank BARRY¹
¹(IRELAND), ²(NETHERLANDS)

32264 EVALUATION OF KNEE CARTILAGE AND SUBCHONDRAL BONE USING ARTHROSCOPIC ULTRASOUND IMAGING

Pekko PENTTILÄ, Antti JOUKAINEN, Jukka LIUKKONEN, Tuomas VIREN, Jukka JURVELIN, Juha TÖYRÄS, Heikki KRÖGER (FINLAND)

- 33061 ANTI-TGF-BETA ANTIBODY COMBINED WITH DENDRITIC CELLS PRODUCE ANTITUMOR EFFECTS IN OSTEOSARCOMA**
Masanori KAWANO, Ichiro ITONAGA, Tatsuya IWASAKI, Hiroshi TSUMURA (JAPAN)
- 32493 IGF-1 INCREASES WITH HYPERBARIC OXYGEN THERAPY AND PROMOTES WOUND HEALING IN DIABETIC FOOT ULCER**
Ahmet KAYA, Figen AYDIN, Levent KARAPINAR, Cengiz KARAKUZU, Ahmet IMERCI, Mustafa INCESU, Mert KUMBARACI, Hasan KARAPINAR, Fatih SURENKOK (TURKEY)
- 32989 THE PREVALENCE OF EXTRA-ARTICULAR PATHOLOGY IN SYMPTOMATIC PATIENTS WITH FEMOROACETABULAR IMPINGEMENT**
Ihab HUJAZI, Sim JOHAL, Thomas JONES, Melanie HOPPER, Vikas KHANDUJA (UNITED KINGDOM)
- 32631 FEMORAL BONE LENGTH DIFFERENCES AFTER VARIOUS SIZES OF EPIPHYSEAL GROWTH PLATE INJURIES IN A GROWING RAT MODEL**
Elisabeth MARTINELLI¹, Karin PICHLER¹, Giuseppe MUSUMECI², Alexander HOFMEISTER¹, Gudrun SONDEREGGER¹, Silvia ZOETSCH¹, Annelie Martina WEINBERG¹
¹(AUSTRIA), ²(ITALY)
- 33075 ASSOCIATION OF IL-6 AND TGF- β 1 GENE POLYMORPHISMS WITH HIP OSTEOARTHRITIS**
Tomislav CENGIC, Tadija PETROVIC, Michele MIKOLAUCIC, Tomislav RIBICIC, Vladimir TRKULJA, Sandra KRALJEVIC PAVELIC, Robert KOLUNDZIC (CROATIA)
- 33193 CORRELATION OF ACHILLES TENDON HEALING WITH ULTRASOUND IMAGING AND BIOMECHANICS**
Neil SHAH, Sleiman GHORAYEB, Folorunsho EDOBOR-OSULA, Lewis LANE, Pasquale RAZZANO, Nadeen CHAHINE, Daniel GRANDE (UNITED STATES)
- 33071 COMBINED APPROACHES TO REDUCE INTRA-OPERATIVE BLOOD LOSS DURING PLANNED SURGICAL INTERVENTIONS OF MAJOR JOINTS**
Igor DOROZHKO, Victor VOLOSHIN, Vladimir ZUBIKOV, Vladimir LITVINOV, Saravanan ARUMUGAM (RUSSIA)

12:00 - 12:30

Plenary Lecture – Freddie Fu (in Sheikh Maktoum Hall A)

12:30 - 14:30

Medtronic Industry Symposium – Innovation in Fracture Care: Reality or Fiction

*Moderators:
(to be confirmed)*

BENEFITS OF BALLOON KYPHOPLASTY: MYTH OR REALITY

Christian SCHINKEL (GERMANY)

NOVEL PERCUTANEOUS TREATMENT OPTION FOR ARTICULAR FRACTURES

Jan VAN MEIRHAEGHE (BELGIUM)

NEW ADVANCES IN BIOMATERIALS

Waguih ELSISSI (UNITED ARAB EMIRATES)

14:30 - 16:00

Free Papers – Research: Biomaterials II

Moderators:

Syed M. AWAIS (PAKISTAN), Günter LOB (GERMANY)

31690 FREE MESENCHYMAL STEM CELLS SCAFFOLD FOR BONE HEALING: HISTOLOGICAL, RADIOLOGICAL AND BIOMECHANICAL EVALUATION

Safoura GHADIRIAN, Seifolah DEGHANI, Iman MOSTAFA, Mohammad HASHEMNIA, Abbas GHADERI (IRAN)

30936 ANTIBIOTIC-COATED PIN CAN PREVENT PIN-TRACT INFECTION OF EXTERNAL FIXATORS

Aziz ABBASPOUR, Alireza RAHIMNIA, Akbar KHODADADI, Yadollah RAZAEI (IRAN)

32800 EFFECT OF INOCULATION TIME ON STAPHYLOCOCCAL INFECTION OF TITANIUM AND STAINLESS STEEL IMPLANTS

Damir HUDETZ¹, Alan IVKOVIC¹, Regine LANDMANN²
¹(CROATIA), ²(SWITZERLAND)

32454 ANTI-INFLAMMATORY AND ANTI-ANGIOGENETIC EFFECT OF SIMVASTATIN ON PLATELET- AND LEUCOCYTE ENDOTHELIUM CELL INTERACTION IN ANTIGEN INDUCED ARTHRITIS IN MICE KNEE JOINT IN VIVO

Oliver GOTTSCHALK, Marcus SCHMITT-SODY (GERMANY)

32325 NOVEL MODEL FOR IMPLANT RELATED INFECTIONS IN RATS

Maximilian HAENLE, Tobias LINDNER, Carmen ZIETZ, Kathleen ARNDT, Lars MIDDELBORG, Andreas PODBIELSKI, Wolfram MITTELMEIER, Rainer BADER (GERMANY)

32080 PLANTAR FASCIOPATHY TREATED WITH EXTRACORPOREAL SHOCKWAVE THERAPY WITHOUT LOCAL ANAESTHETIC BLOCK: A META-ANALYSIS OF PROSPECTIVE RANDOMISED CONTROL TRIALS

Aqil ADEEL, Mohammed SIDDIQUI, Matthew SOLAN, David REDFERN, Chris MARQUIS, Vivek GULATI, Justin COBB (UNITED KINGDOM)

32078 PLATELET RICH PLASMA VERSUS CORTICOSTEROIDS FOR THE TREATMENT OF CHRONIC LATERAL EPICONDYLITIS: A RANDOMIZED STUDY OF 48 PATIENTS

Paritosh GOGNA, Rakesh GUPTA (INDIA)

32151 TARGETED FOOT AND ANKLE INJECTION WITH ULTRASOUND GUIDANCE IN THE RADIOLOGY DEPARTMENT REDUCES THE NUMBER OF PATIENTS REQUIRING INJECTION IN THEATRE

Aaron SAINI, Daniel WHITE, Ahmed MALIK, Andrew CARNE, Matthew SOLAN (UNITED KINGDOM)

32596 PATIENT SPECIFIC INSTRUMENTATION FOR SHOULDER ARTHROPLASTY

Robert WENDLANDT, Niels HELLMERS, Sissy NIEMANN, Arndt-Peter SCHULZ (GERMANY)

16:00 - 16:30 *Break*

16:30 - 17:00

Plenary Lecture – C. Niek Van Dijk (in Sheikh Maktoum Hall A)

17:00 - 18:30

Free Papers – Miscellaneous: Rheumatology

Moderator:

Ellewellyn PASION (PHILIPPINES)

33005 PREVALENCE, CLINICAL FEATURES AND OUTCOME OF TREATMENT OF MYOFASCIAL PAIN SYNDROME AMONG 6563 CASES OF WORK RELATED MUSCULOSKELETAL DISORDERS

Deepak SHARAN, Ajeesh SASIDHARAN (INDIA)

32722 THE IMPACT AND COST EFFECTIVENESS OF COLLAGENASE ON THE MANAGEMENT OF DUPUYTREN'S DISEASE

Shahnawaz KHAN, Harry BELCHER (UNITED KINGDOM)

32400 PLACE OF THE USE OF CLOSTRIDIUM HISTOLYTICUM COLLAGENASE FOR DUPUYTREN'S DISEASE: PRELIMINARY RESULTS

Emmanuel H. MASMEJEAN, Caroline LOZI (FRANCE)

- 32266 A CONSECUTIVE CONTROLLED CLINICAL SERIES COMPARING THE EFFICACY OF HIGH MOLECULAR WEIGHT HYALURONAN INJECTIONS PERFORMED IN A BLIND FASHION AND UNDER ULTRASOUND-GUIDANCE IN THE TREATMENT OF KNEE OSTEOARTHRITIS**
Dror RUBINSON, Edward RAM, Mustafa YASSIN, Moshe WEISBROT, Uzi ASHKENAZI, Avraham GARTI (ISRAEL)
- 31879 COMPLICATION RATES OF SURGICAL PROCEDURES PERFORMED IN RHEUMATOID ARTHRITIS PATIENTS RECEIVING BIOLOGIC AGENTS**
Masao SATO, Ryuki SHINOHE, Katsuji SHIMIZU (JAPAN)
- 31436 PREVENTION OF CELECOXIB INDUCED ENDOSCOPIC UPPER GASTROINTESTINAL ULCERS BY CONCOMITANT THERAPY WITH REBAMIPIDE, AN ANTI-ULCER AGENT**
Masahiro HASEGAWA, Kyosuke TANAKA, Noriyuki HORIKI, Hiroki WAKABAYASHI, Atsumasa UCHIDA, Yoshiyuki TAKEI, Akihiro SUDO (JAPAN)
- 31722 PLATELET-RICH-PLASMA INJECTIONS FOR THE TREATMENT OF RESISTANT TROCHANTERIC PAIN: PRELIMINARY RESULTS**
Khaled SARRAF, Jamie MCKENZIE, Nasri ZREIK, Vikas VEDI (UNITED KINGDOM)
- 30886 TREATMENT OF CHARCOT NEURO-OSTEO-ARTHROPATHY OF THE ANKLE JOINT USING BIFOCAL ILIZAROV ANKLE ARTHRODESIS**
Ihab BADAWI (EGYPT)
- 33160 THE EFFECTIVENESS OF HYALURONIC ACID INTRA-ARTICULAR INJECTIONS IN KNEE OSTEOARTHRITIS. A PROSPECTIVE OBSERVATIONAL STUDY**
Dionysios TRIGKILIDAS, Amarjit ANAND, Tracy EAGLES (UNITED KINGDOM)
- 32840 COMPARISON OF MOBILE AND FIXED BEARING TOTAL KNEE REPLACEMENTS IN RHEUMATOID ARTHRITIS**
Joby GEORGE MALAL, Benjamin BOLTON-MAGGS (UNITED KINGDOM)
- 32675 ELECTIVE ORTHOPEDIC SURGERY FOR SEVERAL HEMOPHILIA PATIENTS: FIRST RESULTS**
Salim FOURMAS, Meriem BENSADOK, Fatima BENMAGHARBI, Hichem AMOURI, Redouane SILARBI, Abdelah TIRICHINE, Abderahmane BENBOUZID, Meriem BELHANI (ALGERIA)

Wednesday, 28 November

Dubai C & D

08:30 - 10:00 **Symposium – Tumours: New Horizons in Treatment of Giant Cell Tumours**

Moderator:

Reinhard WINDHAGER (AUSTRIA)

HISTOPATHOLOGY AND DIAGNOSIS

Miklos Attila SZENDROI (HUNGARY)

SURGICAL AND ADJUVANT TREATMENT MODALITIES

Pietro RUGGIERI (ITALY)

ANTIRESORPTIVE THERAPY IN GIANT CELL TUMOURS

David THOMAS (AUSTRALIA)

10:00 - 10:30 *Break*

10:30 - 12:00 **Symposium – Tumours: Modern Management of Spinal Metastases**

Moderator:

Miklos Attila SZENDROI (HUNGARY)

PROGNOSIS AND SCORING

Reinhard WINDHAGER (AUSTRIA)

VERTEBRO- AND KYPHOPLASTY

Lorin Michael BENNECKER (SWITZERLAND)

DECOMPRESSION AND STABILISATION OF SPINAL METASTASES

Cody BÜNGER (DENMARK)

SYSTEMIC CONTROL OF BONE DESTRUCTION (ANTIRESORPTIVE THERAPY)

David THOMAS (AUSTRALIA)

12:00 - 12:30 **Plenary Lecture – Freddie Fu (in Sheikh Maktoum Hall A)**

12:30 - 14:30 *Lunch break*

14:30 - 16:00

Free Papers – Tumours: Reconstructions

Moderator:

Reinhard WINDHAGER (AUSTRIA)

- 32057 OUR EXPERIENCE REGARDING MODULAR PROSTHESIS RECONSTRUCTION IN ORTHOPAEDIC ONCOLOGIC SURGERY – SHORT-TERM RESULTS**
Razvan-Silviu CISMASIU, Mihai Viorel POPESCU (ROMANIA)
- 31963 LONG-TERM RESULTS OF KOTZ-TYPE ENDOPROSTHESES IN PATIENTS WITH OSTEOSARCOMA**
Philipp FUNOVICS, Martin DOMINKUS, Reinhard WINDHAGER (AUSTRIA)
- 31152 LIMB RECONSTRUCTION AFTER WIDE RESECTION OF PRIMARY OSTEOSARCOMA OF BONE COMPARATIVE STUDY INTERMEDIATE FOLLOW-UP**
Awad Abdel-Moiem Abdel-Galil RAFALLA (EGYPT)
- 31028 MASSIVE RESECTION OF DIAPHYSEAL PRIMARY MALIGNANT BONE TUMORS**
Awad Abdel-Moniem Abdel-Galil RAFALLA (EGYPT)
- 30865 MODULAR MEGAPROSTHESIS FOR PROXIMAL FEMORAL TUMORS**
Tarek EL FIKY, Adel Refaat AHMED, Tarek AL FEKY (EGYPT)
- 32890 SILVER SURFACE-MODIFIED ENDOPROSTHESES USED IN THE PREVENTION AND ERADICATION OF INFECTION IN ONCOLOGY AND ARTHROPLASTY PATIENTS**
Danyal NAWABI, Baljinder DHINSA, John GREGORY, William ASTON, Robin POLLOCK, Paul UNWIN, Tim BRIGGS (UNITED KINGDOM)
- 32164 IMPROVEMENTS IN THE COMPUTER-AIDED HEMIPELVIC PROSTHESIS FOR PELVIC TUMOR**
Kerong DAI, Yongqiang HAO, Mengning YAN (CHINA)
- 32786 SURGICAL TREATMENT OF THE DISTAL RADIUS GCT: 12 CASES**
Salah FNINI, Abdeljebbar MESSOUDI, Jalal HASSOUNE, Mohamed RAFAI, Abdelkrim LARGAB (MOROCCO)
- 31191 RECURRENCE IN GIANT CELL TUMOUR OF DISTAL END OF RADIUS AFTER RESECTION AND RECONSTRUCTION – AN ANALYSIS**
Shyam Kumar SARAF, Satish Chandra GOEL, Ghanshyam Kumar KHARE (INDIA)

30817 MUSCULOSKELETAL TUMORS OF PELVIC RING WITH ABDOMINAL MANIFESTATIONS
Dariush GOURAN SAVADKOOHI, Babak SIAVASHI (IRAN)

16:00 - 16:30 *Break*

16:30 - 17:00 **Plenary Lecture – C. Niek Van Dijk (in Sheikh Maktoum Hall A)**

17:00 - 18:30 **Free Papers – Tumours: Surgical Treatments & Outcomes**

Moderators:

Maximilian RUDERT (GERMANY), Miklos Attila SZENDROI (HUNGARY)

32754 RESULTS OF TREATMENT OF RECURRENT GCT: EXTENDED CURETTAGE COMPARED WITH WIDE EXCISION
Himanshu GUPTA, Shishir RASTOGI, Ashok KUMAR (INDIA)

31238 GIANT CELL TUMOURS OF BONE – CORRELATION OF CLINICAL AND HISTOPATHOLOGICAL FEATURES TO OUTCOME POST-SURGICAL TREATMENT; A SINGLE INSTITUTION EXPERIENCE OF 359 CASES
Lily LI, Pooja CHAWLA, Panagiotis GIKAS, Jake JAGIELLO, William ASTON, Rob POLLOCK, John SKINNER, Fernanda AMARY, Timothy BRIGGS, Adrienne FLANAGAN (UNITED KINGDOM)

30864 EXTENDED CURETTAGE, BONE GRAFTING AND SPANNING EXTERNAL FIXATION FOR THE TREATMENT OF GIANT CELL TUMOR OF BONE AROUND THE KNEE
Tarek EL FIKY, Adel Refaat AHMED, Tarek AL FEKY (EGYPT)

31902 OUTCOME OF INTRALESIONAL CURETTAGE FOR LOW-GRADE CHONDROSARCOMA OF LONG BONES
Hesham AL-KHATEEB, Sammy HANNA, Asif SAIFUDDIN, Adrienne FLANAGAN, Will ASTON, Robert POLLOCK, John SKINNER, Tim BRIGGS (UNITED KINGDOM)

31441 SOFT TISSUE SARCOMAS NEEDING BONE RESECTION
Makoto IEGUCHI, Manabu HOSHI, Jun TAKADA, Naoto OEBISU, Masanari AONO, Masatsugu TAKAMI, Noriaki HIDAKA, Hiroaki NAKAMURA (JAPAN)

30825 SURGICAL TREATMENT OF SKELETAL METASTATIC LESIONS IN 31 MELANOMA PATIENTS
Rikard WEDIN, Johan FALKENIUS, Rudiger WEISS, Johan HANSSON (SWEDEN)

31698 SURGICAL TREATMENT OF LIMB DESMOID FIBROMAS: 16 CASES

Salah FNINI, Abdeljebbar MESSOUDI, Mohamed OUARAB,
Abdelkrim LARGAB (MOROCCO)

**31979 ARTHROSCOPIC RESECTION OF DORSAL WRIST GANGLION
THROUGH A MODIFIED PORTAL**

Sanjay MEENA, Ajay GUPTA (INDIA)

Wednesday, 28 November

Sheikh Rashid Hall E

18:30 - 22:30

Social Event – Opening Ceremony & Welcome Buffet

SPEECH BY SICOT PRESIDENT

Maurice HINSENKAMP (BELGIUM)

SPEECH BY CONFERENCE PRESIDENT

Hashem ALKHATIB (UNITED ARAB EMIRATES)

SPEECH BY PAOA PRESIDENT

Mohamed DARWISH (OMAN)

SPEECH BY EMIRATES ORTHOPAEDIC SOCIETY PRESIDENT

Saeed ALTHANI (UNITED ARAB EMIRATES)

Ayala Dancers

ANCIENT EGYPTIAN CIVILISATION AND ORTHOPAEDIC SURGERY

Galal Zaki SAID (EGYPT)

Harebeya Dancers

OFFICIAL OPENING OF CONFERENCE

Maurice HINSENKAMP (BELGIUM)

Wednesday, 28 November

Sheikh Rashid Hall F

08:30 - 10:00 *Focused Poster Session – Trauma I*

Moderators:

Andrzej BOHATYREWICZ (POLAND), Ian LESLIE (UNITED KINGDOM)

- 30990 TRICEPS OLECRANON SPARING (TOSA) POSTERIOR APPROACH TO LOWER HUMERUS**
Govindbhai PUROHIT, Yogesh PUROHIT, Prakash PAREKH (INDIA)
- 30772 RADIAL HEAD INSTABILITY FOLLOWING MALALIGNMENT OF THE PROXIMAL ULNA: A BIOMECHANICAL STUDY**
Fanny CANET, Emilie SANDMAN, Yvan PETIT, G. Yves LAFLAMME, George S. ATHWAL, Dominique M. ROULEAU (CANADA)
- 32153 DIGITAL TEMPLATING IN TRAUMA SURGERY – DEMONSTRATED BY THE DYNAMIC HIP SCREW (DHS)3**
Neil JAIN, Amit PATEL, Jon DWYER (UNITED KINGDOM)
- 31917 REIMPLANTATION OF EXTRUDED META-DIAPHYSEAL SEGMENT OF BONE IN A DISTAL FEMUR OPEN FRACTURE: A DEVELOPING COUNTRY EXPERIENCE**
Nishant SINGH, Govind KULKARNI (INDIA)
- 33003 EVALUATION OF INTER- AND INTRA OBSERVER AGREEMENT OF THE CLASSIFICATION SYSTEMS FOR DISTAL RADIUS FRACTURES**
Mert KUMBARACI, Levent KUCUK, Levent KARAPINAR, Oguz OZDEMIR (TURKEY)
- 32964 DOES RADIAL OR DORSAL BACK SLAB MAKE A DIFFERENCE TO THE OUTCOME OF INITIAL TREATMENT OF DISTAL RADIUS FRACTURES IN PATIENTS OVER SEVENTY YEARS OLD?**
Imran Haruna ABDULKAREEM, Riaz AHMAD, Akintunde GEORGE, Butt UMER, Shakir HUSSAIN, Robert SPENCER (UNITED KINGDOM)
- 32619 ANATOMIC LIGAMEN TOUS RECONSTRUCTION OF THE UNSTABLE DISTAL RADIO-ULNAR JOINT**
Ashok GAVASKAR, Naveen TUMMALA (INDIA)
- 32270 SPARE PART SURGERY FOR THUMB RECONSTRUCTION**
Anil BHAT, Ashwath ACHARYA, Bhaskaranand KUMAR (INDIA)

- 32225 DISTAL RADIAL FRACTURE COMBINED WITH SCAPHOLUNATE DISSOCIATION: A REPORT OF A RARE CASE AND REVIEW OF THE LITERATURE**
Chung-Chien LEE, Rong-Sen YANG (TAIWAN)
- 32214 THE INTRODUCTION OF MICROSURGICAL TECHNIQUES BY COMBINED INJURY OF HAND**
Meiram BAUBEKOV, Maksut IBRAEV, Gulden KUSAINOVA, Aleksandr BELOKOBYLOV (KAZAKHSTAN)
- 32008 SURGICAL TREATMENT OF VOLKMANN CONTRACTURE: 18 CASES**
Salah FNINI, Youssef BENJEDI, Abdeljebbar MESSOUDI, Abdelkrim LARGAB (MOROCCO)
- 31915 DISTAL RADIAL FRACTURE TREATMENT WITH PERCUTANEOUS HERBERT SCREW**
István NAUMOV, Norbert WIEGAND, Tibor MINTÁL, Balázs PATCZAI, Tibor BUKOVECZ, László VÁMHIDY (HUNGARY)
- 31539 A STUDY OF CARPAL TUNNEL SYNDROME BY USING 3 TESLA MAGNETIC RESONANCE IMAGING SYSTEM AND NERVE CONDUCTION STUDY**
Mikinori IKEDA, Mitsuhiro OKADA, Masahiko TOYAMA, Takuya UEMURA, Hiroaki NAKAMURA (JAPAN)
- 31253 OSTEOTENDINOUS FIXATION WITH ARTHROSCOPIC ANCHOR SUTURES IN FLEXOR, EXTENSOR TENDON AND LIGAMENTOUS INSTABILITY INJURIES OF THE HAND: SURGICAL TECHNIQUE AND FUNCTIONAL RESULTS**
Juan Gabino GOMEZ MONT, Felix GIL ORBEZO, Cesareo TRUEBA, Mario NAVARRETE, Alejandra GONZALEZ BASTIDA, Jose Manuel VILLAZON (MEXICO)
- 32517 ANTEROMEDIAL PLATING FOR HUMERUS SHAFT FRACTURES: A PROSPECTIVE STUDY**
Somasekhar VN, Siva KUMAR, Chidambaram SARANYA, Prahalad SINGHI, Sudeep VN (INDIA)

10:00 - 10:30 *Break*

10:30 - 12:00 *Focused Poster Session – Trauma II*

Moderators:

Nurlan BATPENOV (KAZAKHSTAN), Mohammed DARWISH (OMAN)

- 31824 RADIOGRAPHS IN NECK OF FEMUR FRACTURE – ARE THEY ADEQUATE?**
Syed Ghafran Ali NAQVI, Victor KOPECKY, Mohammad Jawaid IQBAL, Chaudhry MOHAMMAD (UNITED KINGDOM)
- 32003 NECK OF FEMUR FRACTURE: DO WE NEED A LATERAL VIEW?**
Syed Ghafran Ali NAQVI, Shoaib IQBAL, Ian BRAITHWAITE, Ronan BANIM (UNITED KINGDOM)
- 31166 CAN CONVENTIONAL INTRAOPERATIVE FLUOROSCOPY AVOID IATROGENIC INTRA-ARTICULAR PENETRATION DURING FIXATION OF FEMORAL NECK FRACTURES? A CADAVERIC STUDY**
Lei ZHANG, Guangmao LIN, Guojing YANG, Min LIU, Zhanpeng PAN (CHINA)
- 32145 UPPER THIRD TIBIA FRACTURES: NAILING VERSUS PLATING: A PROSPECTIVE, RANDOMIZED, CONTROLLED STUDY, AN ANALYSIS OF MORE THAN 150 CASES**
Sushrut BABHULKAR, Sudhir BABHULKAR, Sushanth SOMAYAJI, Sachin MAHAJAN, Vivek PANDEY, Amol PATIL (INDIA)
- 32143 DISTAL FEMUR FRACTURES: NAILING VERSUS PLATING : A PROSPECTIVE, RANDOMIZED, CONTROLLED STUDY, AN ANALYSIS OF MORE THAN 100 CASES**
Sushrut BABHULKAR, Sudhir BABHULKAR, Sushanth SOMAYAJI, Sachin MAHAJAN, Vivek PANDEY, Amol PATIL (INDIA)
- 31975 PARTIAL PATELLECTOMY IN FRACTURES OF THE PATELLA: REVISITED**
Atmakuri V. RANGANADHAM, Praveen L. BASANAGOUDAR (INDIA)
- 31829 FUNCTIONAL OUTCOME AND COMPLICATION RATE FOLLOWING PRIMARY HAMSTRING ANTERIOR CRUCIATE LIGAMENT (ACL) RECONSTRUCTION IN PATIENTS WITH DIFFERING BODY MASS INDEX (BMI) CLASSES**
Yousaf KHAN, Moez BALLAL, Graham HASTIE, Alison HATCHER, Steve COOGAN, Caroline COOKE, Mike MCNICHOLAS (UNITED KINGDOM)
- 31514 NEW METHOD FOR SCHATZKER TYPE 3 LATERAL TIBIAL CONDYLE FRACTURE**
Kashyap ARDESHANA (INDIA)
- 33144 COST ANALYSIS OF COMPLEX TIBIAL FRACTURES TREATED WITH CIRCULAR FRAMES**
Rohit RAMBANI, Jagwant SINGH, Hemant SHARMA (UNITED KINGDOM)

- 32681 NON-UNION OF INTRAARTICULAR TIBIAL PLATEAU FRACTURES: MANAGEMENT OPTIONS AND REVIEW OF LITERATURE**
Uttam Chand SAINI, Nitesh GAHLOT, Ashwani SONI, Vikas BACHHAL, Ramesh SEN (INDIA)
- 32244 MANAGEMENT OF PROXIMAL TIBIAL FRACTURES WITH BIOLOGICAL PLATING**
Wajahat Jamal ASHRAF, Shashi Kant MISHRA (INDIA)
- 31788 USE OF VIBRO-RESONANCE THERAPY IN PATIENTS WITH CLOSED DIAPHYSEAL TIBIA FRACTURES**
Nurlan BATPENOV, Kuanysh OSPANOV, Gulzhanat KORGANBEKOVA (KAZAKHSTAN)
- 31592 LARGE GAP NON-UNIONS OF TIBIA WITH EXTENSIVE SCARRING: RESULTS OF THE HUNTINGTON'S PROCEDURE**
Pradeep KAMBOJ, Zile KUNDU (INDIA)
- 31407 IS ROUTINE NAIL REMOVAL FOLLOWING UNION OF TIBIAL FRACTURES JUSTIFIED?**
R. RAMAKANTH¹, Prasad SORAGANVI¹, Naveen TAHASILDAR¹, B.K. SHASHIDHAR¹, Sujit Kumar TRIPATHY²
¹(INDIA), ²(UNITED KINGDOM)
- 31246 PRIMARY ILIZAROV IN ASRL MODE WORKS BETTER THAN UNILATERAL EXTERNAL FIXATOR IN NEGLECTED TYPE III OPEN FRACTURES OF LEG**
Ranjit Kumar BARUAH (INDIA)

12:00 - 12:30 *Plenary Lecture – Freddie Fu (in Sheikh Maktoum Hall A)*

12:30 - 14:30 *Lunch break*

14:30 - 16:00 *Focused Poster Session – Spine I*

Moderator:
Rune HEDLUND (SWEDEN)

- 32539 THE CERVICAL SPINE ABNORMALITIES AND DEFORMITIES SYNDROMATIC APPROACH IN DECISION MAKING AND HYBRID SURGERY TECHNIQUES**
Alexander GUBIN, Eduard ULRICH, Sergey RYABIH (RUSSIA)

- 32450 AGE DYNAMICS FEATURES OF BASIN AND BACKBONE GROWTH OSTEAL ACTIVITY RADIOLOGICAL CHARACTERISTICS IN PATIENTS WITH IDIOPATHIC SCOLIOSIS**
Darya TESAKOVA, Dmitry TESAKOV, Nataly GIGKO-MIKHASEVITCH (BELARUS)
- 31981 SINGLE-STAGE BIPLANAR GLOBAL FIXATION FOR UNSTABLE SPINE**
Ajay GUPTA (INDIA)
- 31889 SURGICAL CORRECTION OF SEVERE THORACIC SCOLIOSIS IN COMBINATION WITH CONCAVE RIB THORACOPLASTY**
Marchel VETRILE, Alexander KULESHOV, Stefan VETRILE, Igor LISYANSKY (RUSSIA)
- 31576 INCIDENCE AND PREDICTIVE FACTORS OF MRI DETERMINED DISC DEGENERATION IN ADOLESCENT IDIOPATHIC SCOLIOSIS AFTER INSTRUMENTED FUSION**
Shallu SHARMA, Cody Eric BÜNGER, Thomas ANDERSEN, Ebbe Stender HENSEN (DENMARK)
- 31517 A SIMPLE AND EFFECTIVE METHOD FOR DIRECTING THE SAGITTAL PLACEMENT OF THORACIC PEDICLE SCREWS WITHOUT INTRAOPERATIVE IMAGING**
Tarek Anwar EL-FIKY¹, Kenneth CHEUNG², Dino SAMARTZIS², Wai-Yuen CHEUNG², Yat-Wa WONG², Keith LUK²
¹(EGYPT), ²(HONG KONG)
- 31216 THE USE OF VERTICAL EXPANDABLE PROSTHETIC TITANIUM RIB (VEPTR) IN COMPLEX SPINE DEFORMITIES IN CHILDREN**
Islam ABOUYOUSSEF¹, Norberto VENTURA²
¹(EGYPT), ²(SPAIN)
- 30789 FUNCTIONAL OUTCOME AFTER A SINGLE LEVEL PERCUTANEOUS INDIRECT DECOMPRESSION USING THE DTRAX FACET SCREW SYSTEM FOR THE TREATMENT OF PATIENTS WITH CERVICAL DEGENERATIVE DISC DISEASE**
Ai GAMBOA, Mario VER (PHILIPPINES)
- 30735 HOW EFFECTIVE IS CT-BASED NAVIGATION IN PEDICLE SCREW FIXATION: OUR EXPERIENCE IN A TERTIARY CARE CENTRE IN INDIA**
Saurabh KAPOOR, Rajbahadur SHARMA, Sudhir KUMAR, Rohit JINDAL (INDIA)

- 30715 ACCURACY OF INTRAOPERATIVE CT-BASED NAVIGATION FOR PLACEMENT OF PERCUTANEOUS PEDICLE SCREWS**
Jason ECK¹, Jeffrey LANGE¹, John STREET², Anthony LAPINSKY¹, Patrick CONNOLLY¹, Christian DIPAOLA¹
¹(UNITED STATES), ²(CANADA)
- 33156 CLINICAL EVALUATION OF THE PRELIMINARY SAFETY AND EFFECTIVENESS OF A MINIMALLY INVASIVE INTERSPINOUS PROCESS DEVICE APERIUS® IN DEGENERATIVE LUMBAR SPINAL STENOSIS WITH SYMPTOMATIC NEUROGENIC INTERMITTENT CLAUDICATION**
Jan-Peter VAN MEIRHAEGHE¹, Patrick FRANSEN¹, Daniele MORELLI¹, Niall CRAIG², Gregor GODDE³, Frederic COLLIGNON¹, Jan-Karel VAN MEIRHAEGHE¹
¹(BELGIUM), ²(UNITED KINGDOM), ³(GERMANY)
- 32825 RELATIONSHIP BETWEEN DISC DEGENERATION AND BONE MINERAL DENSITY IN THE PATIENTS WITH LUMBAR SPINAL DEGENERATIVE DISEASE**
Ran KANG¹, Cody BÜNGER¹, Haisheng LI¹, Chunsen WU¹, Lin XIE²
¹(DENMARK), ²(CHINA)
- 33046 A NOVEL SPINAL BRACE IN MANAGEMENT OF SCOLIOSIS DUE TO CEREBRAL PALSY**
Yu MORIGUCHI, Yoshihiro MATSUI, Kensuke IKUTA, Atuko OKAWA, Motoki IWASAKI, Ichiro KAJIURA (JAPAN)

16:00 - 16:30 *Break*

16:30 - 17:00 *Plenary Lecture – C. Niek Van Dijk (in Sheikh Maktoum Hall A)*

17:00 - 18:30 *Focused Poster Session – Spine II*

Moderators:

Fred Matthew OTSYENO (KENYA), Jie ZHAO (CHINA)

- 32237 THE CLINICAL STUDY ON THE APPLICATION OF CALCIUM SULFATE/DEMINERALIZED BONE MATRIX (DBM) GRANULE IN THE CERVICAL INTERBODY FUSION**
Youzhuan XIE, Pu ZHANG, Lingjie FU, Hua LI, Changqing ZHAO, Jie ZHAO (CHINA)

- 32229 MINIMALLY INVASIVE POSTERIOR LUMBAR INTERBODY FUSION (PLIF) WITH UNILATERAL PEDICLE SCREW FIXATION AND ONE DIAGONAL CAGE**
 Jie ZHAO, Youzhan XIE, Hua LI, Changqing ZHAO, Wei DING, Pu ZHANG (CHINA)
- 32191 THE USE OF CARBON FIBER CAGE FOR MULTIPLE-LEVEL CERVICAL SPONDYLOTIC MYELOPATHY**
 Almoataz ELSABROUT (EGYPT)
- 31991 LUMBAR SPINE DISTRACTION EXERCISE, A USEFUL INNOVATION IN CONSERVATIVE TREATMENT OF DEGENERATIVE LUMBAR SPINE DISORDER**
 Maheshkumar PANDYA (INDIA)
- 31892 POSTERIOR MICROENDOSCOPIC LAMINOTOMY FOR CERVICAL MYELOPATHY**
 Takuya MISHIRO, Hirohumi KOSAKA (JAPAN)
- 31862 THE OUTCOME OF LUMBAR REOPERATION**
 Kanji SASAKI, Hasegawa KAZUHIRO, Haruka SHIMODA, Takao HOMMA (JAPAN)
- 31774 STUDY ON THE SIGNIFICANCE OF THE VOLUME OF CAUDAL EPIDURAL STEROID INJECTION IN LUMBAR DEGENERATIVE DISC DISEASE**
 Raju KARUPPAL (INDIA)
- 31773 RADIOLOGIC RESULTS OF VERTEBRAL INTERBODY FUSION USING CAGES PACKED WITH SILICON-CONTAINING POROUS HYDROXYAPATITE**
 Jung-Kwon CHA, Yong-Min KIM, Dong-Soo KIM, Eui-Sung CHOI, Hyun-Chul SHON, Kyoung-Jin PARK, Byung-Ki CHO, Ji-Kang PARK, Hyun-Cheol LEE, Seok-Won KIM, Ho-Seung JEONG (SOUTH KOREA)
- 31386 AN ALTERNATIVE SOLUTION FOR ELDERLY AND POLYMORBID PATIENTS WITH LUMBAR SPINE INFECTIONS**
 Hamdan AHMED, Ahmed Ezzat SIAM, Ali EZZATI, Heinrich BOEHM (GERMANY)
- 31333 COMPARATIVE EVALUATION BETWEEN CONSERVATIVE MANAGEMENT BY TRANSFORAMINAL EPIDURAL STEROIDS AND SURGICAL MANAGEMENT BY DISCECTOMY FOR TREATMENT OF LUMBAR PROLAPSED INTERVERTEBRAL DISC**
 Akshay Kumar SAXENA (INDIA)

Programme

Thursday, 29 November

	Sheikh Maktoum Hall A	Sheikh Maktoum Hall B	Sheikh Maktoum Hall C	Sheikh Maktoum Hall D	Sheikh Rashid Hall A	Sheikh Rashid Hall B
08:30-10:00	<i>Invited Lecture & Free Papers</i> Hip Total Hip Arthroplasty - Bilateral Minimal Invasive Positioning Page 119	<i>Free Papers</i> Spine Degenerative I Page 125	<i>Free Papers</i> Paediatrics Clubfoot Page 131	ASAMI <i>Symposium</i> Trauma: Management of Delayed & Neglected Fractures Page 136	<i>Symposium</i> Sports Traumatology Current Trend in Meniscus Surgery Page 139	<i>Mini Symposium & Free Papers</i> Hand Scaphoid Fractures Page 145
10:00-10:30	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
10:30-12:00	<i>Invited Lecture & Free Papers</i> Hip Total Hip Arthroplasty - Infection & Ankylosis Page 120	<i>Free Papers</i> Spine Degenerative II Page 126	<i>Free Papers</i> Paediatrics Trauma Page 132	<i>Symposium</i> Miscellaneous How to Write, Edit, Review and Publish a Paper Page 136	<i>Symposium</i> Sports Traumatology Osteochondral Defects: What's HOT & What's NOT Page 139	<i>Mini Symposium & Free Papers</i> Hand Anatomy & Examination of Triangular Fibrocartilage Complex & Distal Radio-ulnar Joint Page 146
12:00-12:30	<i>Plenary Lecture</i> C. Ranawat Page 121					
12:30-14:30	<i>Lunch break</i>	<i>Lunch break</i>	<i>Lunch break</i>	<i>Lunch break</i>	<i>Lunch break</i>	MSD <i>Industry Symposium</i> Page 147
14:30-16:00	<i>Free Papers</i> Knee Total Knee Arthroplasty & Navigation Page 121	<i>Free Papers</i> Spine Deformity I Page 127	<i>Free Papers</i> Paediatrics Hip & Knee Page 133	<i>Symposium</i> Miscellaneous Advanced e-Learning Solutions for Medicine Page 137	<i>Free Papers</i> Sports Traumatology Cartilage Repair Page 140	<i>Free Papers</i> Hand Reconstruction Page 147
16:00-16:30	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
16:30-17:00	<i>Plenary Lecture</i> Gamal Hosny Page 122					
17:00-18:30	<i>Invited Lecture & Free Papers</i> Knee Unicompartmental Knee Arthroplasty Page 123	<i>Free Papers</i> Spine Deformity II Page 129	<i>Free Papers</i> Paediatrics Tumours Page 134	<i>Symposium</i> Hip Sickle Cell Osteonecrosis Page 137	<i>Invited Lecture & Free Papers</i> Sports Traumatology Anterior Cruciate Ligament & Posterior Cruciate Ligament Page 141	<i>Free Papers</i> Hand Trauma Page 148

	Sheikh Rashid Hall C	Sheikh Rashid Hall D	Dubai A & B	Dubai C & D	Sheikh Rashid Hall F
08:30-10:00	<i>Free Papers</i> Trauma Proximal & Distal Tibial Fractures Page 151	<i>Symposium</i> Knee Young Arthritic Knee Page 158	<i>Symposium</i> Miscellaneous SICOT Fellowships & Young Surgeons Page 162	<i>Instructional Course</i> Foot & Ankle Ankle Arthroscopy Page 166	<i>Focused Poster Session</i> Miscellaneous Tumours & Research Page 170
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 Tibial Nail & Locking Plate Page 152	WOC <i>Symposium</i> Orthopaedic Surgery, Under Limited Resources Page 158	<i>Symposium</i> Trauma Natural Disaster Triage Page 162	<i>Free Papers</i> Trauma Humerus Page 166	<i>Focused Poster Session</i> Sports Traumatology I Page 172
12:00-12:30					
12:30-14:30	<i>Groupe Lépine</i> <i>Industry Symposium</i> Page 153	<i>Menarini</i> <i>Industry Symposium</i> Page 159	<i>Link</i> <i>Industry Symposium</i> Page 163	<i>Stryker</i> <i>Industry Symposium</i> Page 167	<i>Lunch break</i>
14:30-16:00	<i>Free Papers</i> Trauma Forearm Page 154	<i>Free Papers</i> Research Biomaterials III Page 159	<i>Symposium</i> Trauma Prevention of Road Traffic Injuries Page 163	<i>Best Papers Session</i> Page 168	<i>Focused Poster Session</i> Sports Traumatology II Page 173
16:00-16:30	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
16:30-17:00					
17:00-18:30	<i>Free Papers</i> Miscellaneous Periprosthetic Infection Page 155	<i>Free Papers</i> Research Biomaterials IV Page 160	<i>Invited Lecture & Free Papers</i> Trauma Road Trauma Safety Page 164	ARTOF <i>Instructional Course</i> Trauma: Fractures on the Distal Tibia & Ankle Page 168	<i>Focused Poster Session</i> Miscellaneous Joint Page 175

Thursday, 29 November

Sheikh Maktoum Hall A

08:30 - 10:00

Invited Lecture & Free Papers – Hip: Total Hip Arthroplasty - Bilateral Minimal Invasive Positioning

Moderators:

Ward BARTELS (BELGIUM), James WADDELL (CANADA)

- Invited Speaker* **31323 BILATERAL SEQUENTIAL TOTAL HIP REPLACEMENT WITH SINGLE ANAESTHESIA**
James WADDELL, Emil SCHEMITSCH, Jane MORTON, Kerry Ann GRIFFITH-CUNNINGHAM (CANADA)
- 32183 DIRECT ANTERIOR APPROACH: BETTER OUTCOME BUT STEEP LEARNING CURVE**
S.M. Javad MORTAZAVI (IRAN)
- 32166 BILATERAL THA IN PATIENTS WITH JRA: FASTER RECOVERY?**
S.M. Javad MORTAZAVI (IRAN)
- 32987 MINIMALLY INVASIVE TOTAL HIP ARTHROPLASTY WITH TRIAL HEAD NAVIGATION AND STEM-FIRST TECHNIQUE: RATIONAL AND CLINICAL RESULTS**
Karl-Heinz WIDMER, Christoph BRUMM, Waldemar BARTKOWICKI (SWITZERLAND)
- 32471 PATIENT-SPECIFIC MUSCULOSKELETAL MODELS CAN PREDICT THE IMPACT OF ACETABULAR RECONSTRUCTION ON HIP MUSCLE LENGTH**
Ward BARTELS, Jan DEMOL, Frederik GELAUDE, Jos VANDER SLOTEN, Ilse JONKERS (BELGIUM)
- 32925 RISK FACTORS FOR ILIOPSOAS IMPINGEMENT FOLLOWING TOTAL HIP ARTHROPLASTY**
Fabio OROZCO, Ronald HUANG, Ibrahim RAPHAEL, Gus BARRAZUETA, Javad PARVIZI, Zachary POST, Alvin ONG (UNITED STATES)
- 30933 MUSCLE DAMAGE IN RELATION TO THE SURGICAL APPROACH FOR PRIMARY TOTAL HIP REPLACEMENT**
Carsten PERKA, Michael MÜLLER (GERMANY)

- 31161 ACCURACY AND PRECISION OF VERSION ANGLE MEASUREMENTS OF THE ACETABULAR COMPONENT AFTER TOTAL HIP ARTHROPLASTY**
Hanae NISHINO, Shigeru NAKAMURA, Noriyuki ARAI, Takashi MATSUSHITA (JAPAN)

10:00 - 10:30 *Break*

10:30 - 12:00 **Invited Lecture & Free Papers – Hip: Total Hip Arthroplasty - Infection & Ankylosis**

Moderators:

Erdal CILA (TURKEY), Dariush GOURAN SAVADKOOHI (IRAN)

- Invited Speaker* **32384 EFFICACY OF ANTIBIOTIC LOADED SPACERS IN TWO-STAGE HIP REVISIONS**

Erdal CILA, Alpaslan SENKOYLU, Aykin SIMSEK, Hakan DUR (TURKEY)

- 31811 THA FOR BONY ANKYLOSED HIP**

Pradeep BHOSALE (INDIA)

- 30818 TOTAL HIP ARTHROPLASTY IN ANKYLOSED HIP, SHORT-TERM RESULTS**

Dariush GOURAN SAVADKOOHI, Babak SIAVASHI (IRAN)

- 31883 CHALLENGES OF TOTAL HIP REPLACEMENT IN WEST AFRICAN SUB-REGION: THE NATIONAL ORTHOPAEDIC HOSPITAL ENUGU EXPERIENCE**

Udo Ego ANYAEHIE, Cajetan NWADINIGWE, Uchenna KATCHY, Chukwuemeka EZE (NIGERIA)

- 31417 SURVIVAL OF TOTAL HIP ARTHROPLASTIES – AN EAST AFRICAN STUDY**

James Williams Mwangi KIGERA (KENYA)

- 32119 MRSA & MSSA SCREENING FOR ELECTIVE LOWER LIMB ARTHROPLASTY**

Neil JAIN, Tom JOHNSON, Achyut GULERI, Liane MOORHOUSE, Shaun ROGERS, Paul DUNKOW (UNITED KINGDOM)

- 32030 PERI-PROSTHETIC JOINT INFECTION – A DIAGNOSTIC AND TREATMENT HOSPITAL ANALYSIS**

Razvan-Silviu CISMASIU, Laura VASILE, Serban DRAGOSLOVEANU, Mihai Viorel POPESCU (ROMANIA)

31809 SUCCESSFUL OUTCOMES IN TEMPORARY AND DEFINITIVE MANAGEMENT OF INFECTED PERIPROSTHETIC FEMORAL FRACTURES USING INTERLOCKING PROSTHESES
Harry BENJAMIN-LAING, Sujith KONAN, Faizal RAYAN, Andrew MANKTELOW, Fares Sami HADDAD (UNITED KINGDOM)

30746 TWO-STAGE REVISION AFTER INFECTION FOR HIP HEMI AND TOTAL ARTHROPLASTY
Mohamed MAHRAN¹, Essam EL-SHERIF¹, Ahmed ABDEL-AAL¹, Yaser KHALIFA¹, Ulrich NÖTH²
¹(EGYPT), ²(GERMANY)

12:00 - 12:30 *Plenary Lecture – Chitranjan Ranawat*

TEN-YEAR WEAR DATA ON A FIRST-GENERATION HIGHLY CROSS-LINKED POLYETHYLENE LINER IN YOUNG AND ACTIVE PATIENTS
Chitranjan RANAWAT (UNITED STATES)

12:30 - 14:30 *Lunch break*

14:30 - 16:00 *Free Papers – Knee: Total Knee Arthroplasty & Navigation*

Moderators:

Luis LOPEZ-DURAN STERN (SPAIN), Chris WHATELY (UNITED ARAB EMIRATES)

33157 REVIEW OF 273 TOTAL KNEE ARTHROPLASTIES PERFORMED ACCORDING TO A COMPUTER ASSISTED ALGORITHM FOR MEDIAL RELEASE IN VARUS KNEES
Maged SEDHOM, Jon CLARKE, Angela DEAKIN, Kamal DEEP, Frederic PICARD (UNITED KINGDOM)

33082 NAVIGATED KNEE ARTHROPLASTY FOR POSTTRAUMATIC ARTHROSIS – EARLY RESULTS
Arndt Peter SCHULZ, Noureddine BAHRI, Mounir HAMDY, Martin WURM (GERMANY)

31474 COMPUTER NAVIGATION OF SOFT TISSUES IN TOTAL KNEE REPLACEMENT
Yogeesh D. KAMAT, Vinay SINGH, Ajeya R. ADHIKARI (UNITED KINGDOM)

33051 ASSESSMENT OF JOINT GAP FOR MID-FLEXION (45°) AND HYPER-FLEXION (120°) DURING NAVIGATION-ASSISTED TOTAL KNEE ARTHROPLASTY
Jae-Hyuk YANG, Hyeon-II JEONG, Kwang-Jun OH, Jung Ro YOON (SOUTH KOREA)

- 32457 ANALYSIS OF VALGUS ANGLE FOLLOWING COMPUTER ASSISTED TOTAL KNEE ARTHROPLASTY – A RADIOGRAPHIC STUDY**
Somanna MALCHIRA, Jai THILAK (INDIA)
- 32839 EVALUATION OF ACCURACY OF PINLESS NAVIGATION SYSTEM USING POST OP LONG LEG RADIOGRAPH**
Vinay Kumar SINGH, Francesco STRAMBI, Ajeya ADHIKARI (UNITED KINGDOM)
- 32894 ACCELEROMETER-BASED, PORTABLE NAVIGATION VERSUS IMAGELESS, LARGE CONSOLE COMPUTER ASSISTED NAVIGATION IN TOTAL KNEE ARTHROPLASTY: A COMPARISON OF RADIOGRAPHIC RESULTS**
Danyal NAWABI, Denis NAM, Durham WEEKS, Michael CROSS, David MAYMAN (UNITED STATES)
- 31572 A RANDOMIZED CONTROLLED TRIAL COMPARING PATIENT SPECIFIC INSTRUMENT WITH CONVENTIONAL INSTRUMENT AND COMPUTER NAVIGATION IN TOTAL KNEE ARTHROPLASTY**
Chun Hoi YAN, Fu Yuen NG, Christian Xinshuo FANG, Ping Keung CHAN, Kwong Yuen CHIU (HONG KONG)
- 31429 VERIFICATION OF ACCURACY OF CONVENTIONAL NON-NAVIGATED FEMORAL AND TIBIAL ALIGNMENT JIGS USING PINLESS NAVIGATION IN PRIMARY TOTAL KNEE ARTHROPLASTY (TKA)**
Ajeya ADHIKARI, Vinay Kumar SINGH, Francesco STRAMBI, Yassette VANDER (UNITED KINGDOM)
- 30851 ALIGNMENT USING NEW MRI-BASED PATIENT MATCHED PIN PLACEMENT GUIDES IN MINIMALLY INVASIVE TOTAL KNEE ARTHROPLASTY**
Martin PIETSCH, Oliver DJAHANI, Christine ZWEIGER, Florian PLATTNER, Christian TSCHAUNER, Roman RADL, Siegfried HOFMANN (AUSTRIA)

16:00 - 16:30 *Break*

16:30 - 17:00 *Plenary Lecture – Gamal Hosny*

MANAGEMENT OF COMPLEX LOWER LIMB DEFORMITIES
Gamal HOSNY (EGYPT)

17:00 - 18:30

Invited Lecture & Free Papers – Knee: Unicompartmental Knee Arthroplasty

Moderators:

Nasser ALSUBAI (QATAR), Jacques CATON (FRANCE)

Invited Speaker

THE EVOLUTION OF MINIMAL INVASIVE TIBIAL RESURFACING TECHNOLOGY

Gonzalo VAZQUEZ-VELA SANCHEZ (MEXICO)

31668 MOBILE UNICOMPARTMENTAL KNEE ARTHROPLASTY: A PROSPECTIVE INDEPENDENT STUDY – FIVE TO 11 YEARS FOLLOW-UP

Andrzej Eduard LISOWSKI, Lukas Aleksander LISOWSKI (NETHERLANDS)

31676 COMPLICATIONS AND REVISIONS OF THE OXFORD PHASE 3 PROSTHESIS – A 10-YEAR PROSPECTIVE INDEPENDENT STUDY

Andrzej Eduard LISOWSKI, Lukas Aleksander LISOWSKI (NETHERLANDS)

32085 REASONS FOR REVISION OF UNICONDYLAR KNEE ARTHROPLASTY – ANALYSIS OF AN INSTITUTIONAL JOINT REGISTRY

Philipp NEIDENBACH¹, Thomas GUGGI¹, Laurent HARDER¹, Marius VON KNOCH², Stefan PREISS¹, Fabian VON KNOCH¹
¹(SWITZERLAND), ²(GERMANY)

30799 EXTENDED SAGITTAL SAW CUT SIGNIFICANTLY REDUCES FRACTURE LOAD IN CEMENTLESS UNICOMPARTMENTAL KNEE ARTHROPLASTY COMPARED TO CEMENTED TIBIA PLATEAUS: AN EXPERIMENTAL CADAVER STUDY

Joern Bengt SEEGER, Daniela HAAS, Sebastian JAEGER, Rudi BITSCH, Michael CLARIUS (GERMANY)

32224 COMPARING MODULAR AND MONOBLOC TIBIAL COMPONENT DESIGNS IN PRIMARY UNICOMPARTMENTAL KNEE ARTHROPLASTY PROSPECTIVE RANDOMIZED STUDY

Payam FARHADNIA, Pascal André VENDITTOLI, Martin LAVIGNE, Ahmed AL-GHAMDI, Charles RIVIERE (CANADA)

31569 FINITE ELEMENT ANALYSIS OF TREATMENT OPTIONS FOR TIBIA BONE LOSS IN REVISION TOTAL KNEE ARTHROPLASTY

Chun Hoi YAN¹, Yiyang QIU¹, Jie YAO², Weijia William LU¹, Kwong Yuen CHIU¹
¹(HONG KONG), ²(CHINA)

Thursday, 29 November
Sheikh Maktoum Hall A

**31702 ANTHROPOMETRIC MEASUREMENT OF THE PROXIMAL TIBIA TO
DESIGN THE TIBIAL COMPONENT OF UNICONDYLAR KNEE
PROSTHESIS FOR THE TURKISH POPULATION**

Fatih KUCUKDURMAZ, Ibrahim TUNCAY, Mehmet ELMADAG,
Nejat TUNCER (TURKEY)

Thursday, 29 November

Sheikh Maktoum Hall B

08:30 - 10:00 *Free Papers – Spine: Degenerative I*

Moderators:

Cody BÜNGER (DENMARK), W.M. EL SISSI (UNITED ARAB EMIRATES)

- 33153 A PROSPECTIVE RANDOMIZED TRIAL BETWEEN TRANSFORAMINAL (TLIF) AND INSTRUMENTED POSTEROLATERAL FUSION (PLF), TWO-YEAR FOLLOW-UP**
Kristian HØY, Bent NIEDERMANN, Peter HELMIG, Ebbe Stender HANSEN, Haisheng LI, Thomas ANDERSEN, Cody BÜNGER (DENMARK)
- 30854 LAMINOPLASTY VERSUS MULTIPLE ANTERIOR CERVICAL DISCECTOMY FOR CERVICAL SPONDYLOTIC MYELOPATHY IN PATIENTS WITH LORDOTIC CERVICAL SPINE**
Aly Mohamadean Mohamed KHALIL, Khaled HASSAN (EGYPT)
- 31373 RETROGRADE EJACULATION FOLLOWING ANTERIOR LUMBAR SPINE SURGERY**
Evalina BURGER, Emily LINDLEY, Zachary MCBETH, Sarah HENRY, Robert COOLEY, Christopher CAIN, Vikas PATEL (UNITED STATES)
- 32908 MULTIPLE-LEVEL ENDOSCOPIC DECOMPRESSION OF LUMBAR CANAL STENOSIS**
Issam MARDINI (UNITED ARAB EMIRATES)
- 32907 PERCUTANEOUS ENDOSCOPIC MICRO-DISCECTOMY LUMBAR SPINE – OUR EXPERIENCE IN DUBAI**
Issam MARDINI, Mahmoud ABDULFATTAH (UNITED ARAB EMIRATES)
- 30926 MINIMALLY INVASIVE DISK NUCLEOLYSIS, A NEW OPERATIVE PROCEDURE**
Chadwick F. SMITH (UNITED STATES)
- 30953 X-STOP VERSUS DECOMPRESSIVE SURGERY FOR LUMBAR NEUROGENIC CLAUDICATION – A RANDOMIZED CONTROLLED TRIAL WITH TWO-YEAR FOLLOW-UP**
Björn STRÖMQVIST¹, Svante BERG¹, Paul GERDHEM¹, Ragnar JOHNSON¹, Anders MÖLLER¹, Tage SAHLSTRAND¹, Ahmed SOLIMAN², Tycho TULLBERG¹
¹(SWEDEN), ²(EGYPT)

31532 RANDOMIZED CONTROLLED CLINICAL STUDY OF OSTEOPOROTIC VERTEBRAL FRACTURES USING MAGNETIC RESONANCE IMAGING

Yoshiharu KATO, Yasuaki MURATA (JAPAN)

31608 TISSUE ENGINEERING APPROACHES TO DEGENERATIVE DISC DISEASE – A META-ANALYSIS OF CONTROLLED TRIALS

Patrick VAVKEN, Arne MEHRKENS, Andreas MUELLER (SWITZERLAND)

10:00 - 10:30 *Break*

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

Moderators:

P. GUPTA (UNITED ARAB EMIRATES), Galal Zaki SAID (EGYPT)

32569 THE NEW MINIMALLY INVASIVE LUMBAR FUSION – UNILATERAL PEDICLE AND SPINOUS PROCESS SYSTEM

Yoshinori KYOH, Yuichi KASAI, Hideki SAKANAKA, Kazushi TAKAYAMA, Akinobu SUZUKI, Hiromitsu TOYODA, Hidetomi TERAI, Hiroaki NAKAMURA (JAPAN)

32321 TWO-YEAR RESULTS OF AXIALIF MINIMALLY INVASIVE LUMBOSACRAL SPINAL FUSION

Mustafa RASHID, Johanna WILKINSON, Vineet TANDON, Vikas KAPOOR, Brian TODD (UNITED KINGDOM)

32707 PSEUDOARTHROSIS OF THE LUMBOSACRAL JOINT (LSJ) AFTER LONG SEGMENT LUMBAR INTERBODY FUSION

Gouda MOHAMED, Hasan SALHEEN, Heinrich BOEHM (GERMANY)

32334 BMP COMBINED WITH AUTOGRAFT VS. AUTOGRAFT ALONE IN TREATMENT OF PSEUDOARTHROSIS AFTER FAILED POSTERIOR LUMBAR INTERBODY FUSION (PLIF) SURGERY

Hasan SALHEEN, Gouda MOHAMAD, Heinrich BOEHM (GERMANY)

31912 LONG-TERM RESULTS OF LAMINOPLASTY FOR PATIENTS WITH OPLL OR CERVICAL SPONDYLOSIS – RADIOGRAPHIC CHANGES AND LIMITATIONS OF CERVICAL ROM AND ADL

Futohi SUETSUNA, Taito ITABASHI (JAPAN)

33186 LAMINAR FENESTRATION TECHNIQUE FOR THE TREATMENT OF THORACIC OSSIFIED LIGAMENTUM FLAVUM

Sang Soo EUN, Hyung-Lea CHO, Sang-Ho LEE, Won Gyu CHOI (SOUTH KOREA)

- 30987 COMPARATIVE RESULTS FOR MANAGEMENT OF DEGENERATIVE SPINAL STENOSIS. DECOMPRESSION AND FUSION VERSUS DECOMPRESSION AND COFLEX DYNAMIC STABILIZATION. MINIMUM 2-YEAR FOLLOW-UP**
Tamer KAMAL, Sherif ELNIKETY, James CASHA (UNITED KINGDOM)
- 32492 A VALIDATED NEW SPINE SURGERY SPECIFIC MORBIDITY SCORE TO PREDICT POSTOPERATIVE MORBIDITY AND MORTALITY IN ELECTIVE SPINE SURGERY**
Shanmuganathan RAJASEKARAN, Ajoy P. SHETTY, Manu ABHISHEK, Yerramshetty JANARDHAN (INDIA)
- 31106 MODELING OF VERTEBRAL STRENGTH TOPOGRAPHY BY QUANTITATIVE COMPUTED TOMOGRAPHY (CT) IMAGING**
Evalina BURGER, Vikas PATEL, Andriy NOSHCENKO (UNITED STATES)
- 31919 SURGICAL OUTCOMES FOLLOWING SPINAL SURGERY FOR PATIENTS WITH HEMODIALYSIS**
Takashi CHIKAWA, Takefumi NAKAGAWA, Satoshi ENDO, Masaru NAKAMURA, Shunji NAKANO, Tateaki SHIMAKAWA (JAPAN)
- 12:00 - 12:30 *Plenary Lecture – Chitranjan Ranawat (in Sheikh Maktoum Hall A)*
- 12:30 - 14:30 *Lunch break*
- 14:30 - 16:00 *Free Papers – Spine: Deformity I*
- Moderators:*
John P. DORMANS (UNITED STATES), Shanmuganathan RAJASEKARAN (INDIA)
- 32871 RETROSPECTIVE ANALYSIS OF SPLIT SPINAL CORD MALFORMATIONS – CASE SERIES AND REVIEW OF LITERATURE**
Ganesh PRASAD, Reda RAMADAN, Thomas WHITE, Asif SAIFUDDIN, Syed KABIR, Adrian CASEY (UNITED KINGDOM)
- 30897 TREATMENT OF SPINAL DEFORMITY ASSOCIATED WITH MYELOMENINGOCELE IN YOUNG CHILDREN WITH USE OF THE 4-RIB CONSTRUCT**
Alaaeldin AHMAD (PALESTINE)
- 32455 CERVICAL PEDICLE SCREW FIXATION IN CHILDREN IN THE MANAGEMENT OF COMPLEX CERVICAL DEFORMITIES**
Shanmuganathan RAJASEKARAN Kanna RISHI MUGESH, Ajoy P. SHETTY, (INDIA)

- 32729 ACCURACY AND SAFETY OF INSERTION OF PEDICLE SCREWS USING THE O-ARM IN PEDIATRIC SPINAL DEFORMITY SURGERY**
John DORMANS, Juan PRETELL, Patrick O'TOOLE, Lauren TOMLINSON (UNITED STATES)
- 32727 HIGH-GRADE SPONDYLOLISTHESIS IN CHILDREN: IS IT SAFE TO PURSUE AN ANATOMIC REDUCTION?**
John DORMANS, Ali AL-OMARI, Scott MCKAY, Neeraj PATEL, David SPIEGEL (UNITED STATES)
- 32017 MANAGEMENT OF SPONDYLOLISTHESIS GRADE II AND III BY PEDICULAR SCREW: A STUDY IN 28 CASES**
Ashok Kumar DAS (INDIA)
- 32426 THE POSTURE CLINICAL TYPES IN PATIENTS WITH IDIOPATHIC SCOLIOSIS**
Darya TESAKOVA, Dmitry TESAKOV (BELARUS)
- 31267 APICAL DEROTATION FOR THE DEFORMITY CORRECTION IN ADOLESCENT IDIOPATHIC SCOLIOSIS USING PEDICLE SCREWS PLATE SPINAL SYSTEM: THE SURGICAL TECHNIQUE AND RESULTS**
Pongsthorn CHANPLAKORN, Wiwat WAJANAVISIT, Wichien LAOHACHAROENSOMBAT (THAILAND)
- 30831 SEGMENTAL PEDICLE SCREW FIXATION WITH CONVEX DIRECT VERTEBRAL ROTATION FOR CORRECTION OF ADOLESCENT IDIOPATHIC SCOLIOSIS**
James BENNETT (UNITED STATES)
- 31618 LONG-TERM RESULTS OF SCHEUERMANN'S KYPHOSIS CORRECTION BY MULTIPLE POSTERIOR PONTE OSTEOTOMIES AND ALL PEDICLE SCREW CONSTRUCTS**
Wael KOPTAN, Yasser ELMILIGUI, Mohammad EL-SHARKAWI, Omar SOLIMAN (EGYPT)
- 31289 THE 4-RIB CONSTRUCT FOR SEVERE EARLY ONSET THORACIC KYPHOSIS**
Alaa Azmi AHMAD¹, Richard GROSS², Zeke WALTON²
¹(PALESTINE), ²(UNITED STATES)

16:00 - 16:30 *Break*

16:30 - 17:00 *Plenary Lecture – Gamal Hosny (in Sheikh Maktoum Hall A)*

17:00 - 18:30 **Free Papers – Spine: Deformity II**

Moderator:

Wichien LAOHACHAROENSOMBAT (THAILAND)

32087 DISTAL ADDING-ON PHENOMENON IN (LENKE 1A) ADOLESCENT IDIOPATHIC SCOLIOSIS TREATED WITH PEDICLE SCREWS

Norberto VENTURA¹, Islam ABOUYOUSSEF²
¹(SPAIN), ²(EGYPT)

31742 LOWEST INSTRUMENTED VERTEBRA SELECTION FOR LENKE 5C SCOLIOSIS: A MINIMUM 2-YEAR RADIOGRAPHIC FOLLOW-UP

Cody BÜNGER, Wang YU (DENMARK)

31740 POSTOPERATIVE TRUNK SHIFT IN LENKE 1C SCOLIOSIS: WHAT CAUSES IT? HOW CAN IT BE PREVENTED?

Cody BÜNGER, Wang YU (DENMARK)

31371 LUMBAR FIXATION FOR THE SURGICAL MANAGEMENT IN FLACCID NEUROMUSCULAR SCOLIOSIS

Islam ABOUYOUSSEF¹, Norberto VENTURA²
¹(EGYPT), ²(SPAIN)

32313 VALUE OF THE PLIF TECHNIQUE AS AN ALTERNATIVE FOR PELVIC FIXATION IN THE CORRECTION OF RIGID NEUROMUSCULAR (NM) SCOLIOSIS

Hasan SALHEEN, Gouda MOHAMAD, Ahmad SHAWKY, Heinrich BOEHM (GERMANY)

31632 SINGLE-STAGE VERTEBRAL COLUMN RESECTION (VCR) OF HEMIVERTEBRAE IN CHILDREN UNDER THE AGE OF 10 YEARS

Yasser ELMILIGUI, Wael KOPTAN, Mohammad EL-SHARKAWI, Omar SOLIMAN (EGYPT)

32958 RESULTS OF CORRECTIVE OSTEOTOMY IN ANKYLOSING SPONDYLITIS WITH FIXED KYPHOTIC DEFORMITY

Dae-Hyun PARK, Ki-Tack KIM, Sang-Hun LEE, Man-Ho KIM, Dae-Seok HUH, Ki-Chan AN (SOUTH KOREA)

31863 SPINAL SURGERY FOR ELDERLY PATIENTS OVER 80 YEARS OLD

Takashi CHIKAWA, Takefumi NAKAGAWA, Satoshi ENDO, Shunji NAKANO, Masaru NAKAMURA, Tateaki SHIMAKAWA (JAPAN)

Thursday, 29 November
Sheikh Maktoum Hall B

- 32986 THE USE OF SOMATOSENSORY EVOKED POTENTIAL (SSEP) MONITORING TO REDUCE NEUROLOGICAL HARM IN SPINAL DEFORMITY SURGERY: A FIVE-YEAR INSTITUTIONAL REVIEW OF 2386 CONSECUTIVE CASES**
Ivor VANHEGAN, Gemma CANNON, Syed KABIR, Joseph COWAN, Adrian CASEY (UNITED KINGDOM)
- 31209 UNSTABLE THORACOLUMBAR BURST FRACTURES**
Arpit GOYAL, Sumit SURAL, Anil DHAL (INDIA)
- 31621 SIMULTANEOUS ANTERIOR DEBRIDEMENT AND POSTERIOR INSTRUMENTATION FOR MULTIPLE-LEVEL TUBERCULOUS SPONDYLODISCITIS**
Wael KOPTAN, Yasser ELMILIGUI, Mohammad EL-SHARKAWI, Omar SOLIMAN (EGYPT)

Thursday, 29 November

Sheikh Maktoum Hall C

08:30 - 10:00 *Free Papers – Paediatrics: Clubfoot*

Moderators:

Eiffel DOBASHI (BRAZIL), Hae-Ryong SONG (SOUTH KOREA)

- 31430 TRANSITION FROM SURGERY TO PONSETI IN THE MANAGEMENT OF IDIOPATHIC CLUBFOOT: 20 YEARS EXPERIENCE**
Mohammed EL SOBKY, Atef Hanna ZAKI, Magued Ramsis WANIS, Yehia TARRAF (EGYPT)
- 32769 PREDICTIVE FACTORS FOR PONSETI CLUBFOOT TECHNIQUE PRACTITIONERS IN NIGERIA**
Olayinka Oladiran ADEGBEHINGBE¹, Hakeem David BADMUS¹, Oluwole AKINTAYO², Jose MORCUENDE²
¹(NIGERIA), ²(UNITED STATES)
- 32094 MOTOR ABILITIES OF CHILDREN WITH CLUBFEET AT PRIMARY SCHOOL. PERFORMANCE ON THE 10X5 METER SPRINT TEST AND THE STANDING LONG JUMP TEST**
Ingeborg DE REUS¹, Eugene RAMECKERS¹, Hanneke ANDRIESEN², Jaqueline LOHLE-AKKERSDIJK¹, Ruud VAN ERVE¹
¹(NETHERLANDS), ²(SWEDEN)
- 32300 EVALUATION OF THE USE OF TIBIALIS ANTERIOR TENDON TRANSFER IN CONGENITAL TALIPES EQUINOVARUS**
William WHITE, Khaled SARRAF, Denise WATSON, Stuart EVANS, Alison HULME (UNITED KINGDOM)
- 32945 ULTRASONOGRAPHIC MONITORING IN THE TREATMENT OF CONGENITAL CLUBFOOT IN INFANTS**
Olga YANAKOVA, Irina KLYCHKOVA (RUSSIA)
- 30823 MANAGEMENT OF NEGLECTED CTEV BY PONSETI TECHNIQUE**
Satish GOEL, Mukesh GARG (INDIA)
- 31515 COMBINED APPROACH TO MANAGEMENT OF RELAPSED CLUBFOOT**
Irina KLYCHKOVA, Vladimir KENIS, Julia STEPANOVA, Nadezhda KOVALENKO-KLYCHKOVA (RUSSIA)

33112 DYNAMIC ULTRASONOGRAPHIC EVALUATION OF FOOT IN CTEV PATIENTS – IS THERE PROGNOSTIC SIGNIFICANCE? A PROSPECTIVE STUDY

Sudesh PEBAM, Nirmal Raj GOPINATH (INDIA)

30992 MEDIUM TERM OUTCOMES OF SYMPTOMATIC PLANOVALGUS FOOT DEFORMITY CORRECTION IN CHILDREN

Pavel AKIMAU, Mark FLOWERS (UNITED KINGDOM)

31027 MODIFIED ROBERT JONES PROCEDURE FOR MANAGING CLAWING OF LESSER-TOES IN PES CAVUS

Hari KOVILAZHIKATHU SUGATHAN, David SHERLOCK (UNITED KINGDOM)

10:00 - 10:30 *Break*

10:30 - 12:00 *Free Papers – Paediatrics: Trauma*

Moderators:

John DORMANS (UNITED STATES), Cloris KESSLER (BRAZIL)

31009 CONVERSION FROM CONSERVATIVE TO OPERATIVE MANAGEMENT OF PEDIATRIC FOREARM FRACTURES: PREDICTORS OF CONSERVATIVE TREATMENT FAILURE

Corinna FRANKLIN, Eric FERKEL, Tishya WREN, Alexandre ARKADER (UNITED STATES)

32909 COMPARISON OF DORGAN'S TECHNIQUE WITH LATERAL PINNING IN THE TREATMENT OF TYPE III SUPRACONDYLAR FRACTURES OF THE HUMERUS IN CHILDREN

Levent KARAPINAR, Mustafa INCESU, Fatih SURENKOK, Mert KUMBARACI, Ahmet KAYA, Hasan KARAPINAR, Hasan OZTURK (TURKEY)

31699 PEDIATRIC DISPLACED FRACTURES OF THE LATERAL CONDYLE OF THE HUMERUS TREATED USING HIGH STRENGTH, BIOACTIVE, BIORESORBABLE F-U-HA/PLLA PINS: A CASE REPORT OF 8 PATIENTS WITH AT LEAST 3 YEARS OF FOLLOW-UP

Naoya TAKADA, Takanobu OTSUKA (JAPAN)

31716 PAEDIATRIC TRAUMA: EXPERIENCE FROM A UK TRAUMA CENTRE

Ahmed Malik MOHAMED, Nimesh PATEL, Iain MCFADYEN (UNITED KINGDOM)

- 31704 IONISING RADIATION EXPOSURE IN PAEDIATRIC TRAUMA: A REVIEW OF CASES FROM A UK TRAUMA CENTRE**
Nimesh Girishbhai PATEL, Ahmed MOHAMED, Iain MCFADYEN (UNITED KINGDOM)
- 32993 USE OF FLEXIBLE INTRAMEDULLARY NAILING FOR TREATMENT OF UNICAMERAL BONE CYSTS IN LONG BONES**
Sandeep PATWARDHAN, Ashok SHYAM (INDIA)
- 30777 FUNCTIONAL OUTCOMES AND COMPLICATIONS OF FLEXIBLE INTRAMEDULLARY NAILING VERSUS PLATE FIXATION FOR BOTH BONE DIAPHYSEAL FOREARM FRACTURES IN CHILDREN: A SYSTEMATIC REVIEW**
Amarjit ANAND, Akash PATEL, Mahbub ALAM, Bobby ANAND (UNITED KINGDOM)
- 31564 COMPARATIVE STUDY ON INTRAMEDULLARY TITANIUM ELASTIC NAIL V/S K-WIRE FIXATION IN FEMUR SHAFT FRACTURE IN CHILDREN**
Tushar ANAND, Shakeel Ahmed QIDWAI, Sanjeev KUMAR (INDIA)
- 31558 INDIGENOUS – COST EFFECTIVE FLEXIBLE NAIL FOR FRACTURES OF FEMUR IN CHILDREN**
Navin THAKKAR (INDIA)
- 12:00 - 12:30 *Plenary Lecture – Chitranjan Ranawat (in Sheikh Maktoum Hall A)*
- 12:30 - 14:30 *Lunch break*
- 14:30 - 16:00 *Free Papers – Paediatrics: Hip & Knee*
- Moderators:*
Ashok JOHARI (INDIA), Carlo MILANI (BRAZIL)
- 31167 SURVIVAL OF THE BIRMINGHAM INTERLOCKING TRIPLE PELVIC OSTEOTOMY**
Dylan JEWELL, Callum MCBRYDE, John O'HARA (UNITED KINGDOM)
- 31562 HIP JOINT RECONSTRUCTION IN SCHOOL-AGE CHILDREN WITH CONGENITAL HIP DISLOCATION**
Mikhail TEPLENKY (RUSSIA)
- 30773 DOME PELVIC OSTEOTOMY**
Hatem RAWASHDEH (JORDAN)

- 30761 IS CLUBFOOT ASSOCIATED WITH DEVELOPMENTAL DYSPLASIA OF THE HIP?**
Daud Tai Shan CHOU, Manoj RAMACHANDRAN (UNITED KINGDOM)
- 31071 DEGA OSTEOTOMY FOR THE MANAGEMENT OF DDH IN WALKING CHILDREN BETWEEN 2 TO 6 YEARS, A MIDDLE TERM FOLLOW-UP STUDY**
Mohamed HOSNY (EGYPT)
- 31580 TRIPLE PELVIC OSTEOTOMY IN ADOLESCENTS**
Aleh SAKALOUSKI (BELARUS)
- 32249 ROTATIONAL OSTEOTOMY OF THE FEMUR IN LEGG-CALVE-PERTHES DISEASE, AND PREOPERATIVE PLANNING**
Oleg KOZHEVNIKOV, Svetlana KRALINA, Vladislav LYSIKOV (RUSSIA)
- 32841 ASSOCIATION OF GENU VALGUM IN CHILDREN WITH COXA VARA RESULTING FROM SLIPPED UPPER FEMORAL EPIPHYSIS**
Khaled SARRAF, Natalie HOPE, James WHITE, Alison HULME, Stuart EVANS (UNITED KINGDOM)
- 32992 ASSESSMENT OF CLINICAL OUTCOME OF PERCUTANEOUS NEEDLE RECTUS/QUADRICEPS TENOTOMY IN TREATMENT OF CONGENITAL KNEE DISLOCATION**
Sandeep PATWARDHAN (INDIA)
- 32756 SEVERE CONGENITAL KNEE DISLOCATION: PRENATAL DIAGNOSIS, TREATMENT AND PROGNOSIS**
Nikolay RUMYANTSEV, Dmitry VORONIN, Igor KRUGLOV (RUSSIA)
- 16:00 - 16:30 *Break*
- 16:30 - 17:00 *Plenary Lecture – Gamal Hosny (in Sheikh Maktoum Hall A)*
- 17:00 - 18:30 *Free Papers – Paediatrics: Tumours*
- Moderators:*
John DORMANS (UNITED STATES), Dominique POITOUT (FRANCE)
- 31796 SARCOMATOUS TRANSFORMATION OF OSTEOCHONDROMA**
Sudhir KAPOOR, Inder PAWAR, Saurabh KAPOOR (INDIA)

- 32869 RADIATION-INDUCED OSTEOCHONDROMA AFTER BONE MARROW TRANSPLANTATION FOR CHILDHOOD MALIGNANCIES**
Daisuke TAMURA, Hidehiko KAWABATA (JAPAN)
- 32262 BIOLOGICAL RECONSTRUCTION AFTER RESECTION OF TUMOUR AROUND KNEE WITH ADJUVANT NAILING**
Wasudeo GADEGONE, Vijayanand LOKANDE (INDIA)
- 32750 A BIOEXPANDABLE ENDOPROSTHESIS (MUTARS BIOXPAND) IN MALIGNANT BONE TUMORS IN CHILDREN – FIRST CLINICAL RESULTS**
Rainer BAUMGART (GERMANY)
- 32622 DIAGNOSIS AND TREATMENT OF BONE CHONDROBLASTOMA IN CHILDREN**
Anton FRANTOV, Gennady BERCHENKO, Andrey SNETKOV, Igor ALESHCHENKO, Sergey BATRAKOV, O. KESYAN (RUSSIA)
- 31646 MANAGEMENT OF UNICAMERAL BONE CYSTS BY AUTOLOGOUS BONE MARROW INJECTION IN ADDITION TO METHYLPREDNISOLONE**
Mohamed Kamal MOHAMED ALI, Joel COUTINHO, Reem BAHWAN (OMAN)
- 31335 TREATMENT OF ANEURISMAL BONE CYST BY CURETTAGE AND HYDROGEN PEROXIDE AS AN ADJUVANT WITHOUT REFILLING OF THE RESULTING CYSTS**
Awad Abdel-Moniem Abdel-Galil RAFALLA (EGYPT)
- 32014 LONG-TERM OUTCOMES FOR SURGICAL TREATMENT OF SPINAL ANEURYSMAL BONE CYSTS: A 4-STEP APPROACH**
John DORMANS, Camila DE MATTOS, Chanika ANGSANUNTSUKH, Denis SAKAI, Lauren TOMLINSON, Keith BALDWIN (UNITED STATES)
- 31074 MANAGEMENT OF RARE UNUSUAL MYOFIBROMATOSIS OF THE TIBIA IN TWO PATIENTS USING THE ILIZAROV METHOD**
Mohamed HOSNY, Gamal HOSNY, Omnia RIZK (EGYPT)
- 32193 PROBLEMS OF MORPHOLOGIC DIAGNOSIS LOW-GRADE TELANGIECTATIC OSTEOSARCOMA IN CHILDREN AND ADOLESCENTS**
Gennady BERCHENKO, Anton FRANTOV (RUSSIA)

Thursday, 29 November

Sheikh Maktoum Hall D

08:30 - 10:00

ASAMI (Association for the Study and Application of the Methods of Ilizarov) Symposium – Trauma: Management of Delayed & Neglected Fractures

Moderator:

Gamal Ahmed HOSNY (EGYPT)

THE EFFECT OF GROWTH FACTOR ON BONE REGENERATION

Hae Rai SONG (SOUTH KOREA)

MANAGEMENT OF COMPLICATED FRACTURES

Essam EL-SHERIF (EGYPT)

LATE PRESENTATION OR NEGLECTED MONTEGGIA

INJURIES/FRACTURES

Ashok Kumar JOHARI (INDIA)

NEGLECTED & DELAYED FRACTURES IN THE UPPER LIMBS

Reggie HAMDY (CANADA)

NEGLECTED TRAUMA PATIENTS

Gamal Ahmed HOSNY (EGYPT)

COMPLICATIONS OF NEGLECTED FRACTURES

Hemant SHARMA (UNITED KINGDOM)

10:00 - 10:30 *Break*

10:30 - 12:00

Symposium – Miscellaneous: How to Write, Edit, Review and Publish a Paper

Moderator:

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)

STANDARDS FOR A GOOD PUBLICATION

Ali CHAMSEDDINE (LEBANON)

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

Marius SCARLAT (FRANCE)

12:00 - 12:30

Plenary Lecture – Chitranjan Ranawat (in Sheikh Maktoum Hall A)

12:30 - 14:30

Lunch break

14:30 - 16:00

*Symposium – Miscellaneous: Advanced e-Learning
Solutions for Medicine*

Moderators:

Christoph IGEL (GERMANY), Werner KNOPP (GERMANY)

**MEC.O ONLINE – A WEB-BASED LEARNING APPLICATION FOR
SURGERY**

Werner Konrad Theodor KNOPP (GERMANY)

**SMART COMMUNICATION IN MEDICINE BY INNOVATIVE
TELEPRESENCE TECHNOLOGY**

Rudolf MALY (GERMANY)

**VIRTUAL PATIENTS – RESEARCH OVERVIEW, PRACTICAL USAGE
AND LESSONS LEARNED**

Martin HAAG (GERMANY)

**INTELLIGENT ADAPTIVE SYSTEMS – NEXT GENERATION
E-LEARNING FOR MEDICINE AND HEALTHCARE**

Sergey SOSNOVSKY (GERMANY)

**MOBILE LEARNING APPLICATIONS IN MEDICINE – CHANCES AND
CHALLENGES**

Christoph IGEL (GERMANY)

16:00 - 16:30

Break

16:30 - 17:00

Plenary Lecture – Gamal Hosny (in Sheikh Maktoum Hall A)

17:00 - 18:30

Symposium – Hip: Sickle Cell Osteonecrosis

Moderators:

Franz BURNY (BELGIUM), Philippe HERNIGOU (FRANCE)

SICKLE CELL DISEASE; HISTORICAL OVERVIEW

Franz BURNY (BELGIUM)

**FROM NATURAL EVOLUTION OF HIP OSTEONECROSIS TO CORE
DECOMPRESSION AND STEM CELLS**

Philippe HERNIGOU (FRANCE)

TOTAL HIP ARTHROPLASTY

Abdoulaye BANA (IVORY COAST)

**ALTERNATIVE SOLUTIONS: RISKS AND COMPLICATIONS OF HIP
ARTHROPLASTY; HIP OSTEOTOMY**

Habib SY (SENEGAL)

CONCLUSION

Franz BURNY (BELGIUM)

Thursday, 29 November

Sheikh Rashid Hall A

08:30 - 10:00

Symposium – Sports Traumatology: Current Trend in Meniscus Surgery

Moderators:

Cody BÜNGER (DENMARK), Freddie FU (UNITED STATES)

MENISCUS REPAIR TECHNIQUES

Santiago ARAUZ DE ROBLES (SPAIN)

MENISCUS ALLOGRAFT TRANSPLANTATION, THE PITTSBURGH EXPERIENCE

Freddie FU (UNITED STATES)

COLLAGEN MENISCAL IMPLANTATION – SCIENCE, TECHNIQUE, AND RESULTS

William RODKEY (UNITED STATES)

MENISCAL SCAFFOLDS – USE OF POLYCARBONATE-URETHANE IMPLANT, POLY-URETHANE SCAFFOLDS, AND OTHERS

René VERDONK (BELGIUM)

MENISCAL REPAIR, REGENERATION AND STEM CELLS: THE ITALIAN EXPERIENCE

Elizaveta KON (ITALY)

10:00 - 10:30 *Break*

10:30 - 12:00

Symposium – Sports Traumatology: Osteochondral Defects: What's HOT & What's NOT

Moderators:

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

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

William RODKEY (UNITED STATES)

AUTOLOGOUS CHONDROCYTE IMPLANTATION UTILIZING CHARACTERIZED CULTURED CHONDROCYTES

René VERDONK (BELGIUM)

ARTHROSCOPIC MACI

Pedro GUILLEN GARCÍA (SPAIN)

OSTEOCHONDRAL ALLOGRAFTS: STATE OF THE ART

Stephen P. ABELOW (UNITED STATES)

BIOMIMETIC CONSTRUCTS, CHONDROCYTES, AND STEM CELLS

Elizaveta KON (ITALY)

12:00 - 12:30

Plenary Lecture – Chitranjan Ranawat (in Sheikh Maktoum Hall A)

12:30 - 14:30

Lunch break

14:30 - 16:00

Free Papers – Sports Traumatology: Cartilage Repair

Moderators:

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

- 33080 MOSAICPLASTY IN OSTEOCHONDRAL LESIONS OF THE KNEE**
Tuluhan Yunus EMRE, Hakan ÇIFT, Bahadır SEYHAN, Tolga EGE, Ersin TASATAN, Macit UZUN (TURKEY)
- 33076 OPEN MOSAICPLASTY IN OSTEOCHONDRAL LESIONS OF THE TALUS: A PROSPECTIVE STUDY**
Tuluhan Yunus EMRE, Bahadır SEYHAN, Hakan ÇIFT, Tolga EGE, Macit UZUN (TURKEY)
- 31983 THE ROLE OF AUTOLOGOUS CHONDROCYTE IMPLANTATION IN THE TREATMENT OF SYMPTOMATIC CHONDROMALACIA PATELLAE**
Simon MACMULL, Parag JAISWAL, George BENTLEY, John SKINNER, Richard CARRINGTON, Tim BRIGGS (UNITED KINGDOM)
- 31587 EARLY RESULTS OF AUTOLOGOUS CHONDROCYTE IMPLANTATION FOR CARTILAGE INJURIES OF KNEE**
Appu THOMAS, Jacob VARUGHESE, Ilavarasu TAMILMANI, Biju PANKAPPILLY (INDIA)
- 31414 DO META-ANALYSES REFERRING TO ONE-, TWO- AND FIVE-YEAR FOLLOW-UP REVEAL A CLINICAL RELEVANT SUPERIORITY OF AUTOLOGOUS CHONDROCYTE IMPLANTATION OVER MICROFRACTURE IN THE TREATMENT OF FULL-THICKNESS CHONDRAL LESIONS OF THE KNEE?**
Lukas NEGRIN, Vilmos VÉCSEI (AUSTRIA)
- 30984 SECOND GENERATION CHARACTERIZED CHONDROCYTE IMPLANTATION FOR THE TREATMENT OF CARTILAGE LESIONS IN THE KNEE**
Aad DHOLLANDER, Peter VERDONK, René VERDONK, Jan VICTOR, Fredrik ALMQVIST (BELGIUM)

- 30820 MID-TERM RESULTS OF AUTOLOGOUS MATRIX INDUCED CHONDROGENESIS (AMIC) FOR TREATMENT OF CARTILAGE DEFECTS IN THE KNEE: THE AMIC REGISTRY**
Justus GILLE¹, Piero VOLPI², Laura DE GIROLAMO², Eric REISS³, Werner ZOCH¹, Sven ANDERS¹
¹(GERMANY), ²(ITALY), ³(SWITZERLAND)
- 31506 KNEE ARTICULAR CARTILAGE RESURFACING USING SYNTHETIC SCAFFOLDS AND FRESH CHONDRAL AUTOGRAFTS WITH THREE YEARS FOLLOW-UP**
Julio FERNANDES, Payam FARHADNIA, Eros DE OLIVEIRA JUNIOR (CANADA)
- 31867 INSTANT CEMTROCELL, A NEW APPROACH BASED ON AUTOLOGOUS CHONDROCYTE IMPLANTATION FOR THE TREATMENT OF CARTILAGE LESIONS**
Pedro GUILLEN¹, Elena RODRIGUEZ-IÑIGO¹, Isabel GUILLEN¹, Rosa CABALLERO¹, Marta GUILLEN¹, Tomas FERNANDEZ¹, Daniel VAL¹, Pedro CUEVAS¹, Guillermo GIMENEZ GALLEGO¹, Steve ABELOW², Juan Manuel LOPEZ-ALCOROCHO¹
¹(SPAIN), ²(UNITED STATES)
- 32870 IS MICRODRILLING AND ATELOCOLLAGEN GEL AS A SINGLE STAGE ARTHROSCOPIC CARTILAGE REPAIR PROCEDURE EFFECTIVE FOR CARTILAGE DEFECTS IN THE KNEE?**
Anan SHETTY¹, Seok-Jung KIM², Praveen BILAGI¹, David STELZENEDER¹
¹(UNITED KINGDOM), ²(SOUTH KOREA)
- 33190 USE OF HOMING MOLECULES SDF-1 AND SPHINGOSINE IN ISOLATED CARTILAGINOUS DEFECTS AS AN ADJUNCT IN ARTICULAR CARTILAGE REPAIR**
Neil SHAH, Noah CHINITZ, Anthony CATANZANO, Zev KLAPHOLZ, Pasquale RAZZANO, John SCHWARTZ, Nadeen CHAHINE, Daniel GRANDE (UNITED STATES)

16:00 - 16:30 *Break*

16:30 - 17:00 *Plenary Lecture – Gamal Hosny (in Sheikh Maktoum Hall A)*

17:00 - 18:30 *Invited Lecture & Free Papers – Sports Traumatology: Anterior Cruciate Ligament & Posterior Cruciate Ligament*

Moderators:

Nader DARWISH (UNITED ARAB EMIRATES), René VERDONK (BELGIUM)

- Invited Speaker* **PITFALLS IN ANATOMIC DOUBLE BUNDLE ACL RECONSTRUCTION**
Thore ZANTOP (GERMANY)
- 32759 SELF-HEALING OF ANTERIOR CRUCIATE LIGAMENT RUPTURE BY DYNAMIC INTRALIGAMENTAL STABILIZATION**
Sandro KOHL, Hendrik KOHLHOF, Matthias ZUMSTEIN, Harald BONEL, Dimitrios EVANGELOPOULOS, Stefan EGGI (SWITZERLAND)
- 32603 COMPUTER ASSISTED ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION ELABORATE TO NAVIGATED ANATOMIC DOUBLE BUNDLE REPAIR**
Bruno Edoardo GERBER, Mayukh BHATTACHARYYA, Michael LAMB, Mohamed BASSIOUNI, Michael GOLDRING, Henry COLAÇO (UNITED KINGDOM)
- 31236 CLINICAL AND FUNCTIONAL OUTCOMES OF TRANS-TIBIAL DOUBLE BUNDLE PCL RECONSTRUCTION**
Saurabh ODAK, Satish DHOTARE, Alison HATCHER, Paul MYRES, Caroline COOKE, Stephen COOGEN, Michael MCNICHOLAS (UNITED KINGDOM)
- 31363 RELATION BETWEEN SECOND-LOOK ARTHROSCOPIC FINDINGS AND CLINICAL RESULTS AFTER DOUBLE BUNDLE ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION**
Jae Ang SIM, Ji Hoon KWAK, Yong Seuk LEE, Shin Woo NAM, Sung Soo JUN, Beom Koo LEE (SOUTH KOREA)
- 31601 BIOMECHANICAL OUTCOMES AFTER BIO-ENHANCED ACL REPAIR AND ACL RECONSTRUCTION ARE EQUAL IN A PORCINE MODEL**
Patrick VAVKEN¹, Braden FLEMING², Jason MACHAN², Martha MURRAY²
¹(SWITZERLAND), ²(UNITED STATES)
- 31037 QUALITY OF LIFE AND CLINICAL OUTCOME COMPARISON OF SEMITENDINOSUS AND GRACILIS TENDON VERSUS PATELLAR TENDON AUTOGRAFTS FOR ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION: AN 11-YEAR FOLLOW-UP OF A RANDOMIZED CONTROLLED TRIAL**
Matjaz SAJOVIC (SLOVENIA)
- 32828 RECONSTRUCTION OF THE ACL USING NEOLIGAMENTS JEWELACL – SYNTHETIC LIGAMENT – REPORT ON A NEW TECHNIQUE**
Klaudiusz KOSOWSKI, Wieslaw WISNIEWSKI, Leszek ROMANOWSKI (POLAND)

31603 EFFECTIVENESS OF ANTERIOR CRUCIATE LIGAMENT INJURY PREVENTION TRAINING PROGRAMS: A META-ANALYSIS OF CONTROLLED TRIALS

Patrick VAVKEN¹, Patrick SADOGLI², Arvind VON KEUDELL³
¹(SWITZERLAND), ²(AUSTRIA), ³(UNITED STATES)

30733 ROLE OF HIGH TIBIAL OSTEOTOMY WITH ACL RECONSTRUCTION IN ACL-DEFICIENT VARUS KNEES WITH MEDIAL COMPARTMENT OA: SYSTEMATIC REVIEW

Amarjit ANAND, Akash PATEL, Dio TRIGKILIDAS, Bobby ANAND
(UNITED KINGDOM)

Thursday, 29 November

Sheikh Rashid Hall B

08:30 - 10:00

Mini Symposium & Free Papers – Hand: Scaphoid Fractures

Moderators:

Ian LESLIE (UNITED KINGDOM), Frédéric SCHUIND (BELGIUM)

Invited Speaker **MANAGEMENT OF ACUTE FRACTURES AND NON-UNION**
Sudhir WARRIER (INDIA)

Invited Speaker **PERILUNATE INJURIES**
Praveen BHARDWAJ (INDIA)

32972 SCAPHOTRAPEZIUMTRAPEZOID ARTHROSIS: OUR RESULTS OF TREATMENT WITH THE SCAPHOID TRAPEZIUM PYROCARBON IMPLANT

Maria-Jose PEREZ-UBEDA, Maria-Dolores GIMENO, Gloria GUTIERREZ-ARGUMOSA, Luis LOPEZ-DURÁN (SPAIN)

31334 LONG-TERM FOLLOW-UP OF TRAPEZIECTOMY WITH ABDUCTOR POLLICIS LONGUS TENDON INTERPOSITION ARTHROPLASTY OF THE TRAPEZIO-METACARPAL JOINT

Michael ELVEY, James HOUSTON, Bassel EL-OSTA (UNITED KINGDOM)

32623 ISIS TRAPEZIO METACARPAL PROSTHESIS. A REVIEW OF 39 CASES WITH 3 YEARS FOLLOW-UP

Christian COUTURIER, Laurent OBERT, Emmanuel MASMEJEAN, Ludovic BINCAZ, Pierre MOUTON, Christophe CHANTELOT (FRANCE)

31619 LONG-TERM OUTCOMES FOR TRAPEZIECTOMY AND WEILBY INTERPOSITION

William MARLOW, Amit BIDWAI, Mohammad WASEEM (UNITED KINGDOM)

32117 DOES THE INSERTION OF A PYROCARBON SPACER IMPROVE A PATIENT'S OUTCOME AFTER TRAPEZIECTOMY? – A STUDY BY SUBJECTIVE ASSESSMENT

Vijay RAJAMANI, Russell WALKER (UNITED KINGDOM)

- 32088 UNCEMENTED IVORY PROSTHESIS FOR THE TREATMENT OF TRAPEZIO-METACARPAL OSTEOARTHRITIS OF THE THUMB. A RETROSPECTIVE STUDY OF 90 PROSTHESES WITH A MINIMUM FIVE-YEAR FOLLOW-UP**
Grégoire CHICK¹, Jean GOUBAU², Chul Ki GOORENS², Alain TCHURUKDICHIAN³
¹(SWITZERLAND), ²(BELGIUM), ³(FRANCE)
- 10:00 - 10:30 *Break*
- 10:30 - 12:00 *Mini Symposium & Free Papers – Hand: Anatomy & Examination of Triangular Fibrocartilage Complex & Distal Radioulnar Joint*
- Moderators:*
Ian LESLIE (UNITED KINGDOM), Frédéric SCHUIND (BELGIUM)
- Invited Speaker* **ANATOMY AND CLINICAL EXAMINATION**
Frédéric A. SCHUIND (BELGIUM)
- Invited Speaker* **MANAGEMENT OF ULNAR SIDED WRIST AND DRUJ INJURIES**
Jörg VAN SCHOONHOVEN (GERMANY)
- Invited Speaker* **RECONSTRUCTION OF DRUJ**
Wing Yuk IP (HONG KONG)
- 32575 JOINT REPLACEMENT SURGERY OF THE HAND – AN ALTERNATIVE OPTION?**
Werner KNOPP (GERMANY)
- 31670 TOTAL WRIST ARTHROPLASTY: A REVIEW OF 21 CASES USING THE UNIVERSAL 2 PROSTHESIS**
William MARLOW, Syam MORAPUDI, Daniel WITHERS, Peter RALTE, Mohammad WASEEM (UNITED KINGDOM)
- 30873 FUNCTIONAL OUTCOME OF PLATING IN METACARPAL FRACTURES**
Satish GOEL, Amit RASTOGI, Prithviraj OREE (INDIA)
- 31177 OUTCOME OF PYROCARBON PROXIMAL INTERPHALANGEAL JOINT REPLACEMENT**
Aravind DESAI, David MACKAY (UNITED KINGDOM)
- 12:00 - 12:30 *Plenary Lecture – Chitranjan Ranawat (in Sheikh Maktoum Hall A)*

12:30 - 13:30

MSD Industry Symposium – Developing Diagnoses and Implementing Achievable Treatment Goals for Musculoskeletal Disorders

Moderator:

Chris WHATELY (UNITED ARAB EMIRATES)

CHAIRMAN'S OPENING REMARKS

Chris WHATELY (UNITED ARAB EMIRATES)

CONSIDERATIONS IN PREVENTING OSTEOPOROTIC FRACTURES

Pereira DA SILVA (PORTUGAL)

MANAGING PAIN IN CHRONIC CONDITIONS

Pereira DA SILVA (PORTUGAL)

Q&A + CHAIRMAN'S CONCLUDING REMARKS

Chris WHATELY (UNITED ARAB EMIRATES)

13:30 - 14:30

Lunch break

14:30 - 16:00

Free Papers – Hand: Reconstruction

Moderators:

Christian COUTURIER (FRANCE), Ian LESLIE (UNITED KINGDOM)

33094 CARPAL SCAPHOID PERCUTANEOUS SCREWING

Noureddine BAHRI¹, Mounir HAMD², Mounira KHEZAMI², Slim KHELFI², Lotfi NOUISSRI²
¹(GERMANY), ²(TUNISIA)

31169 TREATMENT OF SCAPHOID NONUNION BY PRONATOR QUADRATUS PEDICLE BONE GRAFT WITH IPSILATERAL DISTAL RADIUS CANCELLOUS BONE GRAFT AND INTERNAL FIXATION WITH ONE HERBERT SCREW

Arvind Prasad GUPTA, Abhishek BANSAL, Bharat BAHRE, Vinit YADAV (INDIA)

32644 AN EXTRA-ARTICULAR ALTERNATIVE TO TREAT ISOLATED LUNOTRIQUETRAL LIGAMENT INJURIES

Ather MIRZA, Justin MIRZA, Mary Kate REINHART, Daniel LORENZANA (UNITED STATES)

33073 DEPRESSED ARTICULAR FRACTURES OF THE PROXIMAL INTERPHALANGEAL JOINT: TREATMENT USING A NOVEL FUNCTIONAL SURGICAL APPROACH

Paraskumar MOHANLAL, Rob FARNELL, Doug CAMPBELL (UNITED KINGDOM)

32386 ULNA SHORTENING USING THE OBLIQUE INTRA-ARTICULAR OSTEOTOMY (COMTET-SENNWALD OSTEOTOMY): A REVIEW OF 54 PATIENTS WITH A 1-YEAR FOLLOW-UP

Christian COUTURIER, Philippe SAFFAR (FRANCE)

33072 ROLE OF REVERSE POSTERIOR INTEROSSEOUS ARTERY FLAP IN COVERAGE OF RAW AREAS OF HAND AND WRIST

Ashraf ABDELAZIZ, Tarek ELGAMMAL, Amr ELSYED, Mohamed KOTB, Yaser RAGHEB (EGYPT)

32913 NERVE RECONSTRUCTION FOR GLOBAL BRACHIAL PLEXUS PALSIES

Anil BHATIA (INDIA)

32253 EARLY EXPERIENCE WITH SINGLE TENDON TRANSFER OF FLEXOR CARPI ULNARIS TO DIGITAL EXTENSORS IN HIGH RADIAL NERVE PALSY

Anil DHAL, Sumit SURAL, Ajeesh SANKARAN (INDIA)

31470 OPERATIVE TREATMENT FOR FUNCTIONAL RECOVERY OF REPLANTED FINGERS AT THE PIP OR MP JOINT LEVEL – OPERATIVE TREATMENT USING EXTERNAL FIXATOR

Hiroyuki GOTANI, Yshitaka TANAKA (JAPAN)

16:00 - 16:30 *Break*

16:30 - 17:00 *Plenary Lecture – Gamal Hosny (in Sheikh Maktoum Hall A)*

17:00 - 18:30 *Free Papers – Hand: Trauma*

Moderators:

Werner KNOPP (GERMANY), Youzhuan XIE (CHINA)

33197 RESULTS OF AO TYPE-C DISTAL RADIUS FRACTURES TREATED WITH VOLAR LOCKING PLATE

Luthfur RAHMAN, Senthil KAMALASEKARAN, Clarence YEOH, Ali FAZAL (UNITED KINGDOM)

32630 ARE VOLAR PLATES THE ONLY OPTION FOR COMPLEX INTRA-ARTICULAR DISTAL RADIUS FRACTURES?

Ather MIRZA, Justin MIRZA, Mary Kate REINHART, Daniel LORENZANA (UNITED STATES)

- 32544 DISTAL RADIAL FRACTURES. NON BRIDGING EXTERNAL FIXATION VS BRIDGING EXTERNAL FIXATION**
Domenico POTESTIO, Emmanouil THEODORAKIS, Filippo LAURENTI (ITALY)
- 32281 RADIOLOGICAL AND FUNCTIONAL OUTCOMES OF OPEN REDUCTION AND VOLAR LOCKED PLATES VERSUS EXTERNAL FIXATION**
Mert KUMBARACI, Levent KUCUK, Levent KARAPINAR, Cengizhan KURT, Erhan COSKUNOL (TURKEY)
- 32132 FUNCTIONAL AND RADIOLOGICAL OUTCOME OF DISTAL RADIUS FRACTURES AFTER LOCKING PLATE OSTEOSYNTHESIS**
Florian WICHLAS, David MACHÓ, Norbert HAAS, Klaus-Dieter SCHASER, Serafeim TSITSILONIS (GERMANY)
- 31943 COMPARISON OF POLYAXIAL AND UNIAXIAL LOCKING SYSTEMS FOR THE TREATMENT OF DISTAL RADIUS FRACTURES**
Louay AL-MOUAZZEN, Daud CHOU, John HAMBIDGE (UNITED KINGDOM)
- 31214 OUTCOME ANALYSIS OF FRACTURE LOWER END RADIUS (AO TYPE B & C) TREATED BY PLATE FIXATION**
Ashish Kumar GOHIYA, Raghvendra CHAUBEY, Sanjiv GAUR, Suneet TANDON (INDIA)
- 30800 VOLAR LOCKING PLATE VERSUS K-WIRING FIXATION OF DISTAL RADIUS FRACTURES IN 20-65 YEAR OLDS**
Christine KIERNAN, Stephen BRENNAN, Niall MCINERNEY, Mutaz JUDZAN, Stephen KEARNS, Michael O'SULLIVAN (IRELAND)
- 32350 CORRECTION OF VOLAR MALUNITED EXTRA-ARTICULAR DISTAL RADIAL FRACTURES USING VOLAR LOCKED PLATES WITHOUT BONE GRAFTING**
Mostafa MAHMOUD (EGYPT)
- 32529 MORPHOLOGIC STUDY OF WRIST AND ITS IMPACT ON FRACTURE PREVALENCE AND TREATMENT**
Ali IBRAHIM, Roger JAWISH, Joe ABI AKL, Ali KRAYAN (LEBANON)

Thursday, 29 November
Sheikh Rashid Hall C

08:30 - 10:00 *Free Papers – Trauma: Proximal & Distal Tibial Fractures*

Moderators:

Ashraf ABDELAZIZ (EGYPT), Dariush GOURAN SAVADKOOHI (IRAN)

- 32660 ROLE OF ILIZAROV IN MANAGEMENT OF COMMUNUTED TIBIAL PLATEAU FRACTURE PROSPECTIVE STUDY**
Mohamed Fawzy KANDIL, Mohamed FADEL (EGYPT)
- 32291 MANAGEMENT OF COMPLEX TIBIAL PLAFOND FRACTURES BY DELTA FRAME EXTERNAL FIXATOR**
Waleed ARAFAT, Nehad MAHBOUB, Mohamed AWAD (EGYPT)
- 31659 A PROSPECTIVE RANDOMIZED TRIAL COMPARING ORIF WITH LESS INVASIVE OSTEOSYNTHESIS FOR LATERAL TIBIAL PLATEAU FRACTURES**
Oleg BONDAREV, Alexandre SITNIK, Alexandre BELETSKY (BELARUS)
- 31131 PERCUTANEOUS METHOD OF TREATMENT OF AVULSED TIBIAL EMINENCE FRACTURES (ACL AVULSION FRACTURE)**
Rajendra CHANDAK (INDIA)
- 31128 TYPES OF DEPRESSION & MODES OF ELEVATION TIBIAL CONDYLAR FRACTURES**
Rajendra CHANDAK (INDIA)
- 31082 MANAGEMENT OF DISPLACED HIGH ENERGY TIBIAL PLATEAU FRACTURES USING MINIMAL INTERNAL FIXATION, AND AUGMENTED BY AN ILIZAROV FRAME**
Mohamed HOSNY (EGYPT)
- 30795 HYBRID EXTERNAL FIXATOR FOR TREATMENT OF COMPLEX TIBIAL PLATEAU FRACTURE**
Dariush GOURAN SAVADKOOHI, Babak SIAVASHI (IRAN)
- 32378 FUNCTIONAL OUTCOME OF INTERNAL FIXATION OF HIGH ENERGY PROXIMAL TIBIAL FRACTURES (SCHATZKER TYPE V & VI) TREATED WITH PROXIMAL TIBIAL LOCKING COMPRESSION PLATE**
Hitendra G. PATIL, Sandeep Ramesh BIRARIS, V.M. KHALEEL, Devagouda IMAGOUDANAVAR (INDIA)

31886 LOCKING PLATE FIXATION FOR COMPLEX PERIARTICULAR FRACTURES OF THE TIBIA
Andreas LEONIDOU, Gurhan ERTURAN, Adam BROOKS, Sandeep DEO (UNITED KINGDOM)

31325 MANAGEMENT OF SEGMENTAL TIBIAL BONE DEFECT BY FREE VASCULARIZED OSTEOSEPTOCUTANEOUS FIBULAR GRAFT
Ashraf ABDELAZIZ, Tarek ELGAMMAL, Amr ELSYED, Mohammed KOTB, Yasser RAGHEB, Waleed REIAD, Omer REFAEI (EGYPT)

10:00 - 10:30 *Break*

10:30 - 12:00 *Free Papers – Trauma: Tibial Nail & Locking Plate*

Moderators:

Hashem ALKHATIB (UNITED ARAB EMIRATES), John KEATING (UNITED KINGDOM)

32530 COMPARISON OF FUNCTIONAL OUTCOME BETWEEN HOLLOW NAIL AND SOLID NAIL (SIGN®) IN THE MANAGEMENT OF TIBIAL SHAFT FRACTURE – A TERTIARY CARE EXPERIENCE
Rajiv MAHARJAN, Bikram Prasad SHRESTHA, Guru Prasad KHANAL, Pashupati CHAUDHARY, Navin Kumar KARN, Raju RIJAL, Shivaraj PANERU (NEPAL)

32268 DYNAMIC OSTEOSYNTHESIS OF DISTAL TIBIAL FRACTURES BY I.M. NAIL
Vijayanand LOKANDE, Wasudeo GADEGONE (INDIA)

32257 METAPHYSEAL FRACTURES OF DISTAL TIBIA – CLOSED INTRAMEDULLARY NAILING AS TREATMENT OPTION
Kedar PADHYE, Mayur PATIL, Sunil KULKARNI, Govind KULKARNI (INDIA)

32812 OUTCOME FOLLOWING OPEN REDUCTION INTERNAL FIXATION OF DISTAL TIBIAL FRACTURES WITH A MODERN LOCKING PLATE
Onur BERBER, Eleanor MEARING-SMITH, Nizar DIN, Dominic NIELSEN (UNITED KINGDOM)

31631 MINIMALLY INVASIVE PERCUTANEOUS PLATE OSTEOSYNTHESIS IN PROXIMAL AND DISTAL TIBIAL FRACTURES
Kruba Ganesh RAJARAM, Veerappan VEERIAH, Ashish JOSE (INDIA)

- 30880 THE RISK OF NERVE INJURY IN MINIMALLY INVASIVE PLATE OSTEOSYNTHESIS (MIPO) WHEN USING A DISTAL TIBIA ANTEROLATERAL PLATE: AN ANATOMIC STUDY**
 Surjit LIDDER¹, Sean MASTERSON¹, Stephan GRECHENIG², Ulrike PILSL², Karin TANZER², Hans CLEMENT²
¹(UNITED KINGDOM), ²(AUSTRIA)
- 32642 ROTATIONAL AND AXIAL DEVIATIONS AFTER MINIMALLY INVASIVE PERCUTANEOUS PLATE OSTEOSYNTHESIS (MIPPO) OF TIBIA FRACTURES**
 Alexandre SITNIK, Alexandre BELETSKY (BELARUS)
- 30848 A PROSPECTIVE COMPARATIVE STUDY OF REAMED VS UNREAMED INTERLOCKING NAILING IN FRACTURE SHAFT OF TIBIA**
 Dinesh CHOUDARY (INDIA)
- 30736 MINIMALLY INVASIVE OSTEOSYNTHESIS IN DISTAL TIBIAL METAPHYSEAL FRACTURE**
 Rakesh GUPTA, Paritosh GOGNA (INDIA)

12:00 - 12:30

Plenary Lecture – Chitranjan Ranawat (in Sheikh Maktoum Hall A)

12:30 - 14:30

Groupe Lépine Industry Symposium – Dual Mobility: The Best Solution for THA Dislocation

Moderators:

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

DISLOCATION: THE MAIN ADVERSE EVENT IN THA

André FERREIRA (FRANCE)

HARD ON HARD BEARING SURFACES: WHY?

Jean Louis PRUDHON (FRANCE)

LARGE HEADS AND “JUMP DISTANCE”: CLINICAL DATA

André FERREIRA (FRANCE)

DUAL MOBILITY: HISTORY & CONCEPT

André FERREIRA (FRANCE)

DUAL MOBILITY: CLINICAL OUTCOMES

Jean Louis PRUDHON (FRANCE)

MISMATCHES OF THE 1ST GENERATION

André FERREIRA (FRANCE)

35 YEARS LATER: FUNCTIONAL SPECIFICATIONS OF DUAL MOBILITY

Jean Louis PRUDHON (FRANCE)

QUATTRO VPS: THE ANSWER TO YOUR NEED

Thierry ASLANIAN (FRANCE)

SURGICAL TECHNIQUE & PRECAUTIONS

André FERREIRA (FRANCE)

A COLOMBIAN EXPERIENCE

Javier PEREZ (COLOMBIA)

CONCLUSION & KEY ISSUES

André FERREIRA, Jean Louis PRUDHON (FRANCE)

14:30 - 16:00 *Free Papers – Trauma: Forearm*

Moderator:

Frankie LEUNG (HONG KONG)

32658 DIAPHYSEAL FRACTURES OF FOREARM

M.M.R. SANDEEP, Ramesh RAGHAVENDRA (INDIA)

32648 EXPOSURE OF BOTH THE RADIUS AND ULNA THROUGH A SINGLE POSTERIOR APPROACH

Abdel-Azim WAHSH (EGYPT)

32260 SCREW ELASTIC INTRAMEDULLARY NAIL FOR THE MANAGEMENT OF ADULT FOREARM FRACTURES

Wasudeo GADEGONE, Vijayanand LOKANDE (INDIA)

30888 COMBINED INTRAMEDULLARY AND EXTRAMEDULLARY FIXATION WITH AUTOGENOUS BONE GRAFTING FOR THE TREATMENT OF FOREARM NON-UNIONS WITH EXTENSIVE BONE LOSS

Ihab BADAWI (EGYPT)

31358 MONTEGGIA FRACTURE – 36 MONTHS FOLLOW-UP

Marco SARMENTO, Filipe OLIVEIRA, Jacinto MONTEIRO (PORTUGAL)

31225 INCIDENCE AND OUTCOME OF MONTEGGIA INJURIES

Florian M. KOVAR, Manuela JAINDL, Rupert SCHUSTER, Georg ENDLER, Patrick PLATZER, Silke ALDRIAN (AUSTRIA)

32261 PERCUTANEOUS OSTEOSYNTHESIS OF GALEAZZIA FRACTURE-DISLOCATION

Wasudeo GADEGONE, Vijayanand LOKANDE (INDIA)

31397 FIXATION OF ANTERIOR CORONAL FRACTURES OF HUMERAL TROCHLEA

Tarun GOYAL, Sujit K. TRIPATHY, Ramesh K. SEN (INDIA)

31030 INTERNAL FIXATION SUPRACONDYLAR FRACTURES OF THE DISTAL HUMERUS: A FINITE ELEMENT ANALYSIS

Srecko SABALIC, Ante MULJACIC, Janos KODVANJ, Nikica DARABOS (CROATIA)

30887 TREATMENT OF NEGLECTED DISLOCATIONS AND FRACTURE DISLOCATIONS OF THE ELBOW USING ILIZAROV EXTERNAL FIXATOR

Ihab BADAWI (EGYPT)

32216 NERVE TRANSFER TO BICEPS MUSCLE USING A PART OF ULNAR NERVE FOR ELBOW FLEXION RESTORATION IN UPPER BRACHIAL PLEXUS INJURY

Jun LI (CHINA)

16:00 - 16:30 *Break*

16:30 - 17:00 *Plenary Lecture – Gamal Hosny (in Sheikh Maktoum Hall A)*

17:00 - 18:30 *Free Papers – Miscellaneous: Periprosthetic Infection*

Moderators:

Mourad HAMIDANI (ALGERIA), Burkhard LEHNER (GERMANY)

33057 SURGICAL TREATMENT OF DEEP PERIPROSTHETIC INFECTION OF THE KNEE JOINT

Victor VOLOSHIN, Anatoliy EREMIN, Vladimir ZUBIKOV, Sergei OSHKUKOV (RUSSIA)

30970 SEPTIC KNEE REPLACEMENT – CLINICAL OUTCOME AFTER TWO-STAGE REVISION COMPARED TO NON-SEPTIC PROSTHESIS CHANGES

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

32195 MANAGEMENT OF INFECTION AT THE SITE OF TOTAL HIP AND KNEE ARTHROPLASTIES

Se Hyun CHO (SOUTH KOREA)

- 32329 BACTERIOLOGY SWABS IN PRIMARY TOTAL KNEE ARTHROPLASTY**
Maximilian HAENLE, Andreas PODBIELSKI, Andreas MUNDT, Martin ELLENRIEDER, Helga KRENTZ, Wolfram MITTELMEIER, Ralf SKRIPITZ (GERMANY)
- 32731 EVALUATION OF SONICATE FLUID CULTURES IN COMPARISON TO HISTOLOGICAL ANALYSIS OF THE PERIPROSTHETIC MEMBRANE FOR THE DETECTION OF PERIPROSTHETIC JOINT INFECTION**
Viktor JANZ, Georgi WASSILEW, Olaf HASART, Georg MATZIOLIS, Stephan TOHTZ, Carsten PERKA (GERMANY)
- 30995 VASTUS LATERALIS MUSCLE FLAP FOR INFECTED HIPS AFTER RESECTION ARTHROPLASTY**
Arnold SUDA, Volkmar HEPPERT (GERMANY)
- 31531 IS TWO-STAGE SUPERIOR TO SINGLE-STAGE REVISION IN THE TREATMENT OF INFECTION AFTER SHOULDER ARTHROPLASTY? A SYSTEMATIC REVIEW**
Jiong Jiong GUO, Yang HUILIN (CHINA)
- 31776 MANAGEMENT OF DEEP INFECTION AFTER POSTERIOR SPINAL INSTRUMENTATION WITH PROLONGED SUCTION DRAINAGE**
Jung-Kwon CHA, Yong-Min KIM, Dong-Soo KIM, Eui-Sung CHOI, Hyun-Chul SHON, Kyoung-Jin PARK, Byung-Ki CHO, Ji-Kang PARK, Hyun-Cheol LEE, Seok-Won KIM, Ho-Seung JEONG (SOUTH KOREA)

Thursday, 29 November

Sheikh Rashid Hall D

08:30 - 10:00 *Symposium – Knee: Young Arthritic Knee*

Moderator:

Sanjiv K.S. MARYA (INDIA)

OPTIONS BEFORE REPLACEMENT IN YOUNG ARTHRITIC KNEE

Mandeep DHILLON (INDIA)

UNICOMPARTMENTAL KNEE

Sanjiv K.S. MARYA (INDIA)

CAS FOR THE YOUNG KNEE

Rajesh MANIHAR (INDIA)

PATELLOFEMORAL REPLACEMENT IN YOUNG ARTHRITIC KNEE

Chia Shi LU (SINGAPORE)

TKR IN YOUNG RHEUMATOID KNEE

Chandeep SINGH (INDIA)

10:00 - 10:30 *Break*

10:30 - 12:00 ***WOC (World Orthopaedic Concern) Symposium –
Orthopaedic Surgery, Under Limited Resources***

Moderator:

Michael LAURENCE (UNITED KINGDOM)

**A PROFORMA FOR THE MANAGEMENT OF FRACTURES UNDER
CIRCUMSTANCES OF REDUCED RESOURCES**

Anil JAIN (INDIA)

**CONSERVATIVE TREATMENT OF FRACTURES OF THE HUMERUS,
PROXIMAL AND MID-SHAFT**

James WADDELL (CANADA)

**DISABILITY TO ABILITY; THROUGH RURAL CAMP APPROACH
– 40 YEARS EXPERIENCE OF TUBERCULOSIS**

Taneja DEVEN (INDIA)

**CRUSH FRACTURE OF THE CALCANEUM, A NEW SURGICAL
TREATMENT**

Bahiru BELZIBEH, Michael LAURENCE (UNITED KINGDOM)

NEGLECTED FRACTURE OF THE NECK OF FEMUR

Anil JAIN (INDIA)

12:00 - 12:30

Plenary Lecture – Chitranjan Ranawat (in Sheikh Maktoum Hall A)

12:30 - 13:00

Lunch break

13:00 - 14:30

Menarini Industry Symposium – Current Trend in Pain Management

Moderators:

Saeed ALTHANI (UNITED ARAB EMIRATES), Mohamed FOUAD (UNITED ARAB EMIRATES)

THE ROLE OF TOPICAL NSAID'S IN ACUTE PAIN MANAGEMENT

Andrew MOORE (UNITED KINGDOM)

10' QUESTIONS?

PAIN MANAGEMENT OF RHEUMATIC PATIENTS

Stefano COACCIOLI (ITALY)

10' QUESTIONS?

MODERN UNDERSTANDING & CURRENT TREND IN PAIN MANagements

M.H. HANNA (UNITED KINGDOM)

10' QUESTIONS?

14:30 - 16:00

Free Papers – Research: Biomaterials III

Moderator:

Harri PIHLAJAMÄKI (FINLAND)

33095 BIOMECHANICAL TESTING OF TWO TYPES OF SURGICAL TREATMENT FOR DISTAL RADIUS FRACTURE – A CADAVERIC STUDY ABOUT 20 PAIRS OF LOCKING VS CONVENTIONAL PLATES

Noureddine BAHRI, Mounir HAMDI, Benjamin KIENAST, Seide KLAUS, Martin WURM, Arndt Peter SCHULZ, Christian JUERGENS (GERMANY)

32277 BIOMECHANICAL CHARACTERIZATION OF A SYNTHETIC FRACTURE MODEL OF THE OSTEOPENIC DISTAL HUMERUS

Robert WENDLANDT, Christina RANK, Jörn BOGUN, Klaus WAIZNER, Arndt P. SCHULZ (GERMANY)

Thursday, 29 November
Sheikh Rashid Hall D

- 33126 THE FUNCTIONAL ZERO METHOD ANALYSIS OF JOINT MOBILITY**
Victor VOLOSHIN, Valeriy TSARYOV, Vladimir ZUBIKOV, Igor DOROZHKO, Dmitry MARTYNENKO (RUSSIA)
- 33014 THE EFFECT OF CYCLICAL CHEMOTHERAPY ON THE MECHANICAL AND STRUCTURAL PROPERTIES OF BONE IN A RABBIT MODEL OF LIMB LENGTHENING**
James BARNES¹, Fergal MONSELL¹, M. BELLEMORE², Laura BILSTON², A. GOODSHIP¹
¹(UNITED KINGDOM), ²(AUSTRALIA)
- 32674 INFLUENCE OF SPINAL CORD INJURY ON BODY COMPOSITION WITHIN 1 YEAR OF INJURY**
Gaurav SAINI, Vikas BACHHAL (INDIA)
- 32527 PERONEAL H-REFLEX IN PIRIFORMIS SYNDROME**
Joe ABI AKL, Roger JAWISH, Ali IBRAHIM, Ali KRAYAN (LEBANON)
- 32267 LASER-MODIFIED COCRMO- AND AL2O3- SURFACES FOR USE IN THE TOTAL JOINT ARTHROPLASTY – A TRIBOLOGICAL INVESTIGATION**
Benjamin KIENAST, Mohamad TARABOLSI, Robert WENDLANDT, Rigo PETERS, Arndt P. SCHULZ (GERMANY)
- 31395 PERIARTHRTIS SHOULDER: A COMPARISON BETWEEN MANIPULATION DONE UNDER GENERAL ANAESTHESIA OR INTERSCALENE BLOCK**
Manesh CHACKO, Girish KUMAR, Sajeer USMAN (INDIA)

16:00 - 16:30 *Break*

16:30 - 17:00 *Plenary Lecture – Gamal Hosny (in Sheikh Maktoum Hall A)*

17:00 - 18:30 *Free Papers – Research: Biomaterials IV*

Moderators:

Jan ROELFING (DENMARK), Sandeep WASNIK (INDIA)

- 32931 THE ROLE OF LOCAL ANAESTHESIA IN KNEE ARTHROSCOPY**
Yasir SHAUKAT¹, Emon MALIK², Eric KOEWEIDEN¹
¹(NETHERLANDS), ²(UNITED KINGDOM)

- 32859 HIP ARTHROSCOPIC MANAGEMENT OF PATIENTS PRESENTING WITH FEMOROACETABULAR IMPINGEMENT: A PROSPECTIVE STUDY**
Tony FAYAD, Fares HADDAD, Sarmah SASANKA (UNITED KINGDOM)
- 32489 GUIDED STRETCHING PROGRAM IN THE TREATMENT OF PLANTAR FASCIOPATHY – GOOD RESULTS IN THREE-YEAR FOLLOW-UP**
Mira KAIKKONEN, Janne SAHLMAN, Antti JOUKAINEN (FINLAND)
- 31179 ENDOSCOPIC SURGERY FOR PLANTAR FASCIITIS & CALCANEAL SPUR**
Ayyoub AL-DOLAYMI¹, Tamir YASEEN², Mohanad HASAN¹, Ayyoub MOHAMMED¹
¹(IRAQ), ²(IRAN)
- 31388 PLANTAR FASCIITIS: A RANDOMIZED CONTROLLED STUDY TO COMPARE THE EFFICACY OF CORTICOSTEROID THERAPY WITH PLATELET-RICH PLASMA THERAPY**
Sandeep WASNIK, Vishvas SHETTY, Chintan HEGDE, Suvin SHETTY, Vijay SHETTY (INDIA)
- 32020 CARPAL TUNNEL SYNDROME: AN EMERGING PUBLIC HEALTH PROBLEM AMONG MEDICAL COLLEGE STUDENTS AT MUST UNIVERSITY IN EGYPT**
Inas ABD EL RAHIM, Nehad EL MAHBOUB (EGYPT)
- 32776 ERYTHROPOIETIN DIRECTLY STIMULATES OSTEOGENESIS**
Jan ROELFING, Cody BÜNGER (DENMARK)
- 31687 FREE MESENCHYMAL STEM CELLS SCAFFOLD FOR BONE HEALING: HISTOLOGICAL, RADIOLOGICAL AND BIOMECHANICAL EVALUATION**
Safoura GHADIRIAN, Seifolah DEHGHANI (IRAN)
- 31693 NATURAL HYDROXYAPATITE COMPARED WITH SYNTHETIC HYDROXYAPATITE FOR BONE HEALING: HISTOLOGICAL, RADIOLOGICAL AND BIOMECHANICAL EVALUATION**
Safoura GHADIRIAN, Seifolah DEHGHANI, Iman MOSTAFA, Mohammad Ebrahim BAHROLOLUM (IRAN)
- 32748 CORRELATION OF THE LEVEL OF THE PROTEASES GENE EXPRESSION BETWEEN THE SERUM AND SYNOVIUM**
Adam KWAPISZ, Michal CHOJNACKI, Marcin DOMZALSKI, Andrzej GRZEGORZEWSKI, Marek SYNDER (POLAND)

Thursday, 29 November

Dubai A & B

08:30 - 10:00

Symposium – Miscellaneous: SICOT Fellowships & Young Surgeons

Moderator:

Hatem SAID (EGYPT)

WELCOME & INTRODUCTION

Hatem SAID (EGYPT)

YOUNG SURGEONS – THE FUTURE

Fatih KUCUKDURMAZ (TURKEY)

THE SICOT NEWSLETTER

Ahmed AZEEM (EGYPT)

THE FELLOWSHIPS PROGRAMME

Hatem SAID (EGYPT)

FELLOW REPORT: ASSIUT/SICOT FELLOWSHIP

O.O. OREKHA (NIGERIA)

FELLOW REPORT: GERMAN/SICOT FELLOWSHIP

Syah BAHARI (IRELAND)

FELLOW REPORT: AAOS/SICOT

Mohamed BABIKER (SUDAN)

10:00 - 10:30

Break

10:30 - 12:00

Symposium – Trauma: Natural Disaster Triage

Moderators:

Maurice HINSENKAMP (BELGIUM), Masateru SHINDO (JAPAN)

EXPERIENCE OF TRIAGE OF TRAUMA PATIENTS OF PAKISTAN EARTHQUAKE 2005

Syed Muhammad AWAIS (PAKISTAN)

TRIAGE SCORING SYSTEMS DURING NATURAL DISASTERS AND MASS CASUALTIES

Nikolaj WOLFSON (UNITED STATES)

TRIAGE OF WAR WOUNDED: REALITIES AND LESSONS LEARNED

Sylvain RIGAL, François PONS (FRANCE)

MEDICAL RESPONSE FOR 2011 GREAT EAST JAPAN EARTHQUAKE AND TSUNAMI

Masateru SHINDO (JAPAN)

TRIAGE "FROM THEORY TO PRACTICE"

Patrick HERARD (FRANCE)

12:00 - 12:30

Plenary Lecture – Chitranjan Ranawat (in Sheikh Maktoum Hall A)

12:30 - 14:30

Link Industry Symposium – Gemini SL and the RIPO Register Results and Workshop on Gemini SL with the MIT-K Instruments

Moderator:

Danilo BRUNI (ITALY)

14:30 - 16:00

Symposium – Trauma: Prevention of Road Traffic Injuries

Moderators:

Carl HAASPER (GERMANY), Uli SCHMUCKER (GERMANY)

INTRODUCTION TO THE DECADE OF ACTION FOR ROAD SAFETY 2011-2020

Uli SCHMUCKER (GERMANY)

FROM 22,000 TO 4,000 ANNUAL FATALITIES 1970-2012: PERSPECTIVE OF AN INDUSTRIALIZED COUNTRY

Günter LOB (GERMANY)

EMERGENCY CARE OF THE ROAD TRAFFIC INJURED – INDUSTRIALIZED VERSUS DEVELOPING COUNTRIES

Gerrit MATTHES (GERMANY)

THE IMPACT OF ROAD TRAUMA IN IRAQ

Ibrahim BUSHRA (IRAQ)

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

Steffen RUCHHOLTZ (GERMANY)

HOW TO IDENTIFY, SUMMARIZE AND INTERPRET CURRENT EVIDENCE SUPPORTING INDIVIDUAL PREVENTION MEASURES

Dirk STENGEL (GERMANY)

16:00 - 16:30

Break

16:30 - 17:00 **Plenary Lecture – Gamal Hosny (in Sheikh Maktoum Hall A)**

17:00 - 18:30 **Invited Lecture & Free Papers – Trauma: Road Trauma Safety**

Moderators:

Günter LOB (GERMANY), Uli SCHMUCKER (GERMANY)

Invited Speaker

HOW SAFE ARE SAFE VEHICLES? BIOMECHANICAL ASPECTS OF ROAD SAFETY

Wolfram HELL (GERMANY)

31203 ALCOHOL INTOXICATION IN ROAD TRAFFIC ACCIDENTS LEADS TO HIGHER IMPACT SPEED DIFFERENCE, HIGHER ISS AND MAIS, AND HIGHER PRECLINICAL MORTALITY

Carl HAASPER, Dietmar OTTE, Maximilian PETRI, Stephan BRAND, Christian KRETTEK, Timo STÜBIG (GERMANY)

31998 UTILITY OF TECHNICAL CRASH PARAMETERS IN PREDICTING INJURY SEVERITY

Denis GÜMBEL, Dirk STENGEL, Christina HUWER, Axel EKKERNKAMP, Gerrit MATTHES (GERMANY)

31715 USE OF SEAT BELTS VERSUS INJURY PATTERN: A CASE REPORT OF PAEDIATRIC CAR OCCUPANTS INVOLVED IN AN ACCIDENT

Ahmed Malik MOHAMED, Parminder JEER (UNITED KINGDOM)

31250 MUSCULOSKELETAL INJURIES OF CHILDREN RIDING DIRT BIKES

Enes KANLIC, Amr ABDELGAWAD, David MAXFIELD, Tran SUNYU, Susan MCLEAN (UNITED STATES)

33030 TREATMENT OF POSTTRAUMATIC STERNAL NON-UNION WITH A LOCKED STERNUM-OSTEOSYNTHESIS

Arndt Peter SCHULZ, Nouredine BAHRI, Martin WURM, Christian JUERGENS (GERMANY)

31545 TREATMENT OF POSTERIOR PELVIC RING INJURIES WITH MINIMALLY INVASIVE OSTEOSYNTHESIS

Nurlan BATPENOV, Shalginbay BAIMAGAMBETOV, Birzhan DOSMAILOV, Nagmet MURSALOV (KAZAKHSTAN)

Thursday, 29 November

Dubai C & D

08:30 - 10:00 *Instructional Course – Foot & Ankle: Ankle Arthroscopy*

Moderator:

C. Niek VAN DIJK (NETHERLANDS)

ANKLE ARTHROSCOPY: INDICATIONS, SET-UP, TECHNIQUES, PITFALLS & PEARLS

C. Niek VAN DIJK (NETHERLANDS)

HINDFOOT ARTHROSCOPY: INDICATIONS, SET-UP, TECHNIQUES, PITFALLS & PEARLS

Jorge BATISTA (ARGENTINA)

TENDOSCOPY: INDICATIONS, SET-UP, TECHNIQUES, PITFALLS & PEARLS

T.H. LUI (HONG KONG)

SUBTALAR ARTHROSCOPY: INDICATIONS, SET-UP, TECHNIQUES, PITFALLS & PEARLS

J.M. CABESTANY (SPAIN)

10:00 - 10:30 *Break*

10:30 - 12:00 *Free Papers – Trauma: Humerus*

Moderators:

Mikhail GERASIMENKO (BELARUS), Vojtech HAVLAS (CZECH REPUBLIC)

32827 A COMPARISON OF INTER- AND INTRA-OBSERVER RELIABILITY FOR CLASSIFICATION OF PROXIMAL HUMERUS FRACTURES BY DIFFERENT RADIOLOGICAL IMAGINGS

Sohail YOUSAF¹, Khalid Rehman YOUSAF², Mubeen NAZAR¹,

Muhammad Ismail KHALID², Ali SAAD¹

¹(UNITED KINGDOM), ²(PAKISTAN)

32250 EVALUATION OF THE MANAGEMENT OF PROXIMAL HUMERAL FRACTURES BY VARIOUS MODALITIES

Wajahat Jamal ASHRAF (INDIA)

31946 TREATMENT OF HUMERAL NECK FRACTURES

Alexandre BELETSKY (BELARUS)

- 32924 DCP VS LOCKED INTRAMEDULLARY NAILING FOR HUMERAL SHAFT FRACTURES**
Ashish KOHLI, Samar Kumar BISWAS, Pardeep KOHLI (INDIA)
- 32666 INTERNAL FIXATION OF FRACTURE SHAFT OF HUMERUS: COMPARISON OF LOCKING COMPRESSION AND LIMITED CONTACT DYNAMIC COMPRESSION PLATE**
Sanoj SHAHUL, R. RAVISHANKAR, C.S. RUPAKUMAR, H.B. GADIYAR, Sastry PURUSHOTHAMA, Sujith SHAHUL (INDIA)
- 32248 MANAGEMENT OF NON-UNION OF SHAFT HUMERUS: PLATING, ILIZAROV RING FIXATOR AND FIBULAR STRUT GRAFT**
Mayur PATIL, Kedar PADHYE, Vidhisha KULKARNI, Govind KULKARNI (INDIA)
- 30730 ANTEGRADE INTERLOCKING NAILING VERSUS LOCKING COMPRESSION PLATING FOR TREATMENT OF HUMERAL SHAFT FRACTURES**
Asen BALTOV, Nedelcho TZACHEV (BULGARIA)
- 30766 RESULTS OF DISTAL THIRD FRACTURES OF HUMERUS TREATED WITH RETROGRADE HALDER HUMERAL NAIL**
Hannah PHILLIPS, Hinesh BHATT, Subhash HALDER (UNITED KINGDOM)
- 32436 OSTEOSYNTHESIS WITH PLATE VERSUS CENTROMEDULLARY NAIL IN FRACTURES OF THE DISTAL THIRD OF HUMERAL DIAPHYSIS**
Adrian Radu RADULESCU, Adrian Emilian BADILA, Octavian NUTIU, Robert MANOLESCU, Ioan JAPIE, Traian CIOBANU, Alexandru PAPUC, Cristian NINULESCU, Dragos RADULESCU, Dragos SERB (ROMANIA)
- 31882 WHY ONE SHOULD DO A DOME OSTEOTOMY FOR POST TRAUMATIC CUBITUS VARUS**
Kedar PADHYE, Mayur PATIL, Vidhisha KULKARNI, Govind KULKARNI (INDIA)

12:00 - 12:30

Plenary Lecture – Chitranjan Ranawat (in Sheikh Maktoum Hall A)

12:30 - 13:00

Lunch break

13:00 - 14:30

Stryker Industry Symposium – Ivory® TMC Prosthesis and Tactys® PIP Prosthesis: Fully Modular Prostheses

Moderators:

Grégoire CHICK (SWITZERLAND), Alain TCHURUKDICHIAN (FRANCE)

THE IVORY® TMC PROSTHESIS, AN ALTERNATIVE TO TRADITIONAL TREATMENT OF THE OSTEOARTHRITIS OF THE THUMB

Grégoire CHICK¹, Alain TCHURUKDICHIAN²
¹(SWITZERLAND), ²(FRANCE)

DISCUSSION

TACTYS®: A NEW GENERATION OF MODULAR PROSTHESIS FOR PIP JOINT

Grégoire CHICK¹, Alain TCHURUKDICHIAN²
¹(SWITZERLAND), ²(FRANCE)

DISCUSSION

14:30 - 16:00

Best Papers Session

(to be confirmed)

16:00 - 16:30

Break

16:30 - 17:00

Plenary Lecture – Gamal Hosny (in Sheikh Maktoum Hall A)

17:00 - 18:30

ARTOF (Association for the Rational Treatment of Fractures) Instructional Course – Trauma: Fractures on the Distal Tibia & Ankle

Moderator:

Peter BIBERTHALER (GERMANY)

DIAGNOSTIC OF DISTAL TIBIA AND ANKLE FRACTURES

James Patterson WADDELL (CANADA)

PILON FRACTURES

Steffen RUCHHOLTZ (GERMANY)

UPPER ANKLE JOINT FRACTURES

Salem AL JABERI (UNITED ARAB EMIRATES)

LOWER ANKLE JOINT FRACTURES

John KEATING (UNITED KINGDOM)

CONSERVATIVE THERAPY: REDUCTION AND SPLINTING

James Patterson WADDELL (CANADA)

EXTERNAL FIXATOR

Steffen RUCHHOLTZ, Philipp AHRENS (GERMANY)

**OPEN REDUCTION INTERNAL FIXATION PILON, DISTAL FIBULA
AND DISTAL TIBIA**

John KEATING¹, Peter BIBERTHALER²
¹(UNITED KINGDOM), ²(GERMANY)

Thursday, 29 November

Sheikh Rashid Hall F

08:30 - 10:00

Focused Poster Session – Miscellaneous: Tumours & Research

Moderators:

Wei GUO (CHINA), Maximilian RUDERT (GERMANY)

- 32542 CRYOTHERAPY TO THE SURGICAL TREATMENT OF GIANT CELL TUMOR OF BONE**
Sergey DIANOV (RUSSIA)
- 32478 THE RESULTS OF THE COMBINED TREATMENT OF BENIGN BONE TUMORS WITH ALLOGRAFTS**
Vasiliy ZORYA, Alexander KRASILNIKOV (RUSSIA)
- 32365 SOMATOSTATIN RECEPTOR SCINTIGRAPHY (SRS): THE VALUE IN THE DIAGNOSIS OF DESMOID TUMORS**
Joerg FRIESENBICHLER, Anja MOLCAN, Reingard AIGNER, Patrick SADOGLHI, Bernadette LIEGL-ATZWANGER, Werner MAURER-ERTL, Christian WEGER, Ulrike PIRKER-FRUEHAUF, Andreas LEITHNER (AUSTRIA)
- 31885 TISSUE FACTOR MRNA EXPRESSION IN 68 SOFT TISSUE SARCOMA PATIENTS**
Kunihiro ASANUMA, Akihiko MATSUMINE, Takao MATSUBARA, Satoru ATSUMI, Yuriyo MATSUI, Tomoki NAKAMURA, Atsumasa UCHIDA, Akihiro SUDO (JAPAN)
- 31753 SURGICAL MANAGEMENT OF HETEROTOPIC OSSIFICATION OF THE FINGER**
Yongbeom LEE (SOUTH KOREA)
- 31747 CLINICAL OUTCOMES AND ORTHOPEDIC SURGERY FOR BONE METASTASES FROM HEPATOCELLULAR CARCINOMA**
Jun TAKADA, Manabu HOSHI, Naoto OEBISU, Masanari AONO, Makoto IEGUCHI, Masatsugu TAKAMI, Hiroaki NAKAMURA (JAPAN)
- 31378 USEFULNESS OF 18F-FDG-PET/CT IN DIFFERENTIATING BETWEEN BENIGN AND MALIGNANT SOFT TISSUE TUMORS**
Manabu HOSHI, Jun TAKADA, Naoto OEBISU, Hiroaki NAKAMURA (JAPAN)

- 31270 USEFULNESS OF CONTRAST COLOR DOPPLER ULTRASONOGRAPHY IN PREOPERATIVE DIFFERENTIAL DIAGNOSIS BETWEEN MALIGNANT AND BENIGN SOFT TISSUE TUMORS**
Naoto OEBISU, Manabu HOSHI, Jun TAKADA, Hiroaki NAKAMURA (JAPAN)
- 31226 OVEREXPRESSION OF HEXOKINASE-2 IN GIANT CELL TUMOR OF BONE IS ASSOCIATED WITH FALSE POSITIVE IN BONE TUMOR ON FDG-PET/CT**
Manabu HOSHI, Jun TAKADA, Oebisu NAOTO, Hiroaki NAKAMURA (JAPAN)
- 30871 CLINICOPATHOLOGICAL STUDY OF SOFT TISSUE TUMOURS AND TUMOUR-LIKE CONDITIONS AROUND THE WRIST AND THE HAND**
Adel Refaat AHMED (EGYPT)
- 30869 RHABDOMYOSARCOMA OF THE EXTREMITIES; ANALYSIS OF 20 PATIENTS**
Adel Refaat AHMED (EGYPT)
- 30739 LOW-GRADE CENTRAL OSTEOSARCOMA OF THE METATARSAL BONE: A CLINICOPATHOLOGIC, IMMUNOHISTOCHEMICAL, CYTOGENETIC, AND MOLECULAR CYTOGENETIC ANALYSIS**
Jun NISHIO, Hiroshi IWASAKI, Satoshi TAKAGI, Mikiko AOKI, Kazuki NABESHIMA, Masatoshi NAITO (JAPAN)
- 33196 FIRST METATARSOPHALANGEAL JOINT ARTHRODESIS: A SINGLE SURGEON SERIES USING A MEDIAL & DORSAL PLATE**
Rahman LUTHFUR, Fazal ALI (UNITED KINGDOM)
- 31744 OPTIMISING THE USE OF PRE-OPERATIVE PLAIN RADIOGRAPHS IN HALLUX VALGUS SURGERY**
John AFOLAYAN, Matthew SOLAN (UNITED KINGDOM)
- 31575 SURVIVAL ANALYSIS OF THE BREAST CANCER SUBTYPES IN SPINAL METASTASES**
Miao WANG, Soeren MORGEN, Benny DAHL, Cody Eric BÜNGER (DENMARK)
- 30997 ADJUVANT TREATMENT WITH A SINGLE INTRA-ARTICULAR STEROID INJECTION IN FEMALE PATIENTS WITH ADHESIVE CAPSULITIS OF THE SHOULDER TREATED WITH PHYSIOTHERAPY: IS THERE A BENEFIT?**
Ancy THOMAS¹, Krishna KUMAR¹, Kevin TETSWORTH², Erik HOHMANN²
¹(QATAR), ²(AUSTRALIA)

10:00 - 10:30 *Break*

10:30 - 12:00 **Focused Poster Session – Sports Traumatology I**

Moderators:

Vinod KUMAR (INDIA), Kandiah RAVEENDRAN (MALAYSIA)

- 33139 DAY CASE PAEDIATRIC ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION USING CONTINUOUS FEMORAL NERVE CATHETER**
Rohit RAMBANI, Reginald EDWARDS, Jose BUNOLA (UNITED KINGDOM)
- 32974 PIE CRUSTING TECHNIQUE OF THE MEDIAL LIGAMENT FOR TIGHT KNEES IN KNEE ARTHROSCOPY: IS IT HELPFUL?**
Ahmed WALY (EGYPT)
- 32896 ACL DEFICIENCY HAS NO INFLUENCE ON MENISCAL REPAIR RESULTS WITH OUTSIDE IN TECHNIQUE**
Marcin DOMZALSKI, Adam KWAPISZ, Sebastian ZABIEREK, Anna KARAUDA, Marek SYNDER (POLAND)
- 32875 SPIN CLASS, AN UNUSUAL CAUSE OF BILATERAL THIGH COMPARTMENT SYNDROME**
Mohannad AL-MUKHTAR, Sandesh LAKKOL, Richard ALLOM, Ibraheim EL-DALY, Rajat VARMA (UNITED KINGDOM)
- 32723 ISOLATED PCL AVULSION FRACTURES**
Uttam Chand SAINI, Nitesh GAHLOT, Sharad PRABHAKAR, Devendra CHOUHAN, Mandeep Singh DHILLON (INDIA)
- 32708 THE 'SENTINEL VESSEL': AN ANATOMIC LANDMARK TO IDENTIFY THE PES ANSERINUS DURING HAMSTRINGS HARVEST FOR ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION**
Kashif AKHTAR¹, Chinmay GUPTÉ¹, S.M. GAJJAR², Hayden MORRIS²
¹(UNITED KINGDOM), ²(AUSTRALIA)
- 32696 CORRELATION OF THE ARTHROSCOPIC APPEARANCES OF THE MENISCOFEMORAL LIGAMENTS WITH MAGNETIC RESONANCE IMAGING**
Kashif AKHTAR, Chinmay GUPTÉ, Cynthia GUPTÉ, Adrian LIM, Anthony BULL, Andrew AMIS (UNITED KINGDOM)
- 32691 DELAY IN DIAGNOSIS OF ACL INJURIES: IS IT STILL A PROBLEM?**
Medhat AKER (UNITED KINGDOM)

32564 MEDIAL HIGH TIBIAL OSTEOTOMY IN SOCIO-ECONOMIC NEED IN SOME GEOGRAPHICAL AREAS
Sanjib Kumar BEHERA (INDIA)

32563 COMBINED ACL & PCL INJURIES ARTHROSCOPY ASSISTED SINGLE STAGE RECONSTRUCTION
Prashant TONAPE (INDIA)

32185 CHANGE OF THE PATELLAR HEIGHT AND TIBIAL INCLINATION AFTER OPENING AND CLOSING WEDGE HIGH TIBIAL OSTEOTOMY
Se Hyun CHO (SOUTH KOREA)

32352 LONG-TERM RESULTS AFTER AUGMENTATION PROCEDURE IN PARTIAL ACL TEARS
Vinod KUMAR, Vinay AGGARWAL, Dhananjay SABAT, Shreesh GANGERI (INDIA)

32221 COMPARISON OF ARTHROSCOPIC BONE PATELLAR TENDON BONE VERSUS HAMSTRING ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION USING INTERNATIONAL KNEE DOCUMENTATION COMMITTEE SUBJECTIVE SUBSCORE
Prabhu THANGAM, Krishnagopal RAMAMURTHY, Surendher Kumar RAJENTHIRAN (INDIA)

12:00 - 12:30 *Plenary Lecture – Chitranjan Ranawat (in Sheikh Maktoum Hall A)*

12:30 - 14:30 *Lunch break*

14:30 - 16:00 *Focused Poster Session – Sports Traumatology II*

Moderators:

Arne EKELAND (NORWAY), Fatih KUCUKDURMAZ (TURKEY)

32115 OPTIMISING FEMORAL TUNNEL PLACEMENT IN ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION: EFFECT OF A 70-DEGREE ARTHROSCOPE AND PORTAL POSITION
Tanvir KHAN, Abtin ALVAND, Sami AL-ALI, William JACKSON, David BEARD, Harinderjit GILL, Jonathan REES, Andrew PRICE (UNITED KINGDOM)

31786 IMPACT OF DELAY IN ACL RECONSTRUCTION ON RISK OF DEVELOPING SECONDARY KNEE PATHOLOGY
Sulaiman ALAZZAWI, Mohamed SUKEIK, Fares S HADDAD (UNITED KINGDOM)

- 31709 CLINICAL AND FUNCTIONAL OUTCOMES OF REVISION ACL RECONSTRUCTION**
Samer SAMER MAHMOUD (UNITED KINGDOM)
- 31616 SUCCESSFUL RETURN TO PLAY IN ATHLETES FOLLOWING NON-OPERATIVE MANAGEMENT OF ACUTE ISOLATED POSTERIOR CRUCIATE LIGAMENT INJURIES; MEDIUM TERM FOLLOW-UP**
Harry BENJAMIN-LAING, Sandesh GULHANE, Fares Sami HADDAD (UNITED KINGDOM)
- 31566 PRE-OPERATIVE ASSESSMENT FOR ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION WITH PRESERVING REMNANT USING HAMSTRING GRAFT**
Mitsuaki KUBOTA (JAPAN)
- 31398 RESULTS OF POSTERIOR CRUCIATE LIGAMENT RECONSTRUCTION USING QUADRICEPS TENDON PATELLAR BONE AUTOGRAFT COMPARED TO HAMSTRING TENDON GRAFT**
Tarun GOYAL, Hira L. NAG (INDIA)
- 31365 RELATIONSHIP BETWEEN GRAFT APPEARANCE ON FOLLOW-UP MRI AND KNEE STABILITY AFTER DOUBLE BUNDLE ACL RECONSTRUCTION**
Jae Ang SIM, Ji Hoon KWAK, Yong Seuk LEE, Shin Woo NAM, Sung Soo JUN, Beom Koo LEE (SOUTH KOREA)
- 31349 DOES DELAY IN RECONSTRUCTION OF LIGAMENT AFTER ACL INJURY CORRELATE WITH HIGHER INCIDENCE OF ASSOCIATED KNEE INJURIES?**
R. RAMAKANTH¹, Prasad SORAGANVI¹, Naveen TAHASILDAR¹, B.K. SHASHIDHAR¹, Sujit Kumar TRIPATHY²
¹(INDIA), ²(UNITED KINGDOM)
- 31283 COMPARISON OF FUNCTIONAL RESULTS AFTER OPENING WEDGE OSTEOTOMIES ABOVE AND BELOW THE KNEE – A PROSPECTIVE STUDY WITH 5 YEARS FOLLOW-UP**
Arne EKELAND, Kjetil NERHUS, Sigbjørn DIMMEN, Stig HEIR (NORWAY)
- 31282 COMPARISON OF FUNCTIONAL RESULTS AFTER OPENING WEDGE OSTEOTOMIES OF VARUS KNEES WITH RUPTURED AND INTACT ACL – A PROSPECTIVE STUDY WITH 5 YEARS FOLLOW-UP**
Arne EKELAND, Kjetil NERHUS, Sigbjørn DIMMEN, Stig HEIR (NORWAY)
- 31255 EFFECTS OF ESW AND HYPERBARIC OXYGEN THERAPY ON OSTEOTENDINOUS JUNCTION INJURY**
Yüksel ÖZKAN, Bilgin HALIL, Ali TURGUT, Alpaslan ÖZTÜRK, Namik SAHIN (TURKEY)

31178 OUTCOME OF DISTAL FEMORAL OSTEOTOMY – A SURGEON’S EXPERIENCE!

Desai ARAVIND, Andy WATON, Lisa JEAUVONS, Dawson MATT (UNITED KINGDOM)

16:00 - 16:30 *Break*

16:30 - 17:00 *Plenary Lecture – Gamal Hosny (in Sheikh Maktoum Hall A)*

17:00 - 18:30 *Focused Poster Session – Miscellaneous: Joint*

Moderators:

László BUCSI (HUNGARY), Nikolay ZAGORODNIY (RUSSIA)

31522 CLINICAL AND RADIOLOGICAL OUTCOME OF SCARF AND AKINS OSTEOTOMY FOR HALLUX VALGUS

Tariq MAHMOOD, Mike TREVETT (UNITED KINGDOM)

30748 TECHNIQUE TIP: USE OF ACL JIG FOR HINDFOOT FUSION BY TIBIOTALOCALCANEAL NAIL

Syed HAQUE, J. SARKAR (UNITED KINGDOM)

31384 SWANSON-PROSTHESIS IN BOUCHARD ARTHROSIS: IS IT STILL INDICATED?

Khalaf MOUSSA (UNITED ARAB EMIRATES)

31186 ACUTE RECONSTRUCTION FOR OSTEOCHONDRAL DEFECT OF THE PHALANX WITH MOSAICPLASTY – A REPORT OF TWO CASES

Taketo KUROZUMI, Masateru SHINDO (JAPAN)

33151 PRIMARY TOTAL HIP ARTHROPLASTY WITH MODULAR NECK STEMS: OUR EXPERIENCE AT FOUR-YEAR FOLLOW-UP

Alejandro DRUETTO, Leandro Victor NUÑEZ, Lazaro LARRABE (ARGENTINA)

32984 TRANEXAMIC ACID IN TOTAL JOINT REPLACEMENTS: A NEW CONCEPT

Praveen SARDA, Sattar ALSHRYDA, Hafeez AHMAD, Manesh VAGHELA, Nick COOKE, Siu TANG, Tony NARGOL, James MASON (UNITED KINGDOM)

32780 PERCUTANEOUS TRANSCATHETER EMBOLIZATION FOR RARE VASCULAR INJURIES DURING HIP ARTHROPLASTY AND RECONSTRUCTION SURGERY

Sohail YOUSAF, Andrew PERRY, Tamer MALAK, Tahira AKRAM (UNITED KINGDOM)

- 31489 A PREOPERATIVE CARBOHYDRATE DRINK DOES NOT REDUCE INSULIN RESISTANCE OR COMPLICATIONS AFTER ELECTIVE HIP SURGERY**
Stefan LJUNGGREN (SWEDEN)
- 31320 THE EFFICACY OF ULTRASOUND AND MRI SCAN IN DETECTING METALLOSIS IN POST-OPERATIVE PAIN FOLLOWING METAL ON METAL HIP REPLACEMENT SURGERY**
Naveed AHMED, Barry MCCONNELL, Philip WARDAL, Alex APOSTOLOPOULOS, George ZAFIROPOULOS (UNITED KINGDOM)
- 33122 ROLE OF TOTAL KNEE ARTHROPLASTY IN IMPROVEMENT OF CARDIOVASCULAR STATUS AND ITS CORRELATION WITH FUNCTIONAL OUTCOME**
Aditya K. AGGARWAL, Soumya CHAKRABORTY, Ajay BAHL (INDIA)
- 32646 BODY MASS INDEX, RANGE OF MOTION AND DEFORMITY TYPE AFFECT MUSCLE STRENGTH IN PATIENTS WITH SEVERE KNEE OSTEOARTHRITIS**
Justinas STUCINSKAS¹, Sarunas TARASEVICIUS¹, Aleksej LEBEDEV¹, Hans WINGSTRAND²
¹(LITHUANIA), ²(SWEDEN)

Programme

Friday, 30 November

	Sheikh Maktoum Hall A	Sheikh Maktoum Hall B	Sheikh Maktoum Hall C	Sheikh Maktoum Hall D	Sheikh Rashid Hall A	Sheikh Rashid Hall B
08:30-10:00	<i>Invited Lecture & Free Papers</i> Hip Total Hip Arthroplasty - Dislocation & Fracture Treatment Page 180	<i>Free Papers</i> Shoulder & Elbow Trauma - Humerus Page 185	AO Foundation Symposium Hip Fractures Page 190	<i>Free Papers</i> Foot & Ankle Trauma I Page 194	<i>Free Papers</i> Trauma Femoral Shaft & Distal Femur Page 199	<i>Free Papers</i> Research Biomaterials V Page 204
10:00-10:30	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
10:30-12:00	<i>Invited Lectures & Free Papers</i> Hip Total Hip Arthroplasty - Navigation, Resurfacing & Short Stem Page 181	<i>Invited Lecture & Free Papers</i> Shoulder & Elbow Sports Page 186	AO Foundation Symposium Acetabular Fractures Page 190	<i>Free Papers</i> Foot & Ankle Trauma II Page 195	<i>Free Papers</i> Trauma Hip Fractures Page 200	<i>Free Papers</i> Research Biomaterials VI Page 205
12:00-14:00	<i>Lunch break</i>	<i>Lunch break</i>	<i>Lunch break</i>	<i>Lunch break</i>	<i>Lunch break</i>	<i>Lunch break</i> SICOT General Assembly 12:30-13:30 <i>Lunch break</i>
14:00-15:30	<i>Invited Lecture & Free Papers</i> Knee Arthroplasty Knee Revision Page 182	<i>Free Papers</i> Shoulder & Elbow Arthroplasty Page 187	<i>Free Papers</i> Miscellaneous General Orthopaedics - Epidemiology & Economics Page 191	<i>Free Papers</i> Foot & Ankle Non Traumatic Page 196	<i>Free Papers</i> Trauma Polytrauma Page 201	
15:30-16:00	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
16:00-17:30	<i>Symposium</i> Miscellaneous Diabetes in Orthopaedics Page 183	<i>Invited Lecture & Free Papers</i> Shoulder & Elbow Trauma I Page 188	<i>Free Papers</i> Miscellaneous Thromboprophylaxis Page 192	<i>Free Papers</i> Shoulder & Elbow Trauma II Page 197	<i>Invited Lecture & Free Papers</i> Trauma Non-Union Page 202	<i>Mini Symposium & Free Papers</i> Sports Traumatology Platelet Rich Plasma - Fact or Fiction Page 206
17:45-19:00				Closing Ceremony		

	Sheikh Rashid Hall C	Sheikh Rashid Hall D	Dubai A & B	Dubai C & D	Sheikh Rashid Hall F
08:30-10:00	<i>Symposium</i> Spine Thoracolumbar Fractures Page 208	<i>Free Papers</i> Trauma Hip I Page 211	<i>Free Papers</i> Tumours Pathology & Alternative Treatments Page 217	<i>Instructional Course</i> Paediatrics Foot Page 222	<i>Focused Poster Session</i> Spine III Page 225
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</i> Spine Spinal Infections Page 208	<i>Free Papers</i> Trauma Hip II Page 212	<i>Free Papers</i> Miscellaneous Osteoporosis Page 218	<i>Instructional Course</i> Paediatrics Trauma Page 222	<i>Focused Poster Session</i> Miscellaneous Trauma & Sports Traumatology Page 226
12:00-14:00	<i>Lunch break</i>	<i>Lunch break</i>	<i>Lunch break</i>	<i>Lunch break</i>	<i>Lunch break</i>
14:00-15:30	<i>Instructional Course</i> Spine Scoliosis & Listhesis Page 209	<i>Free Papers</i> Trauma Acetabular Fractures Page 214	<i>Free Papers</i> Miscellaneous Osteonecrosis Page 219	IFPOS <i>Mini Symposium & Free Papers</i> Paediatrics: Leg Length Discrepancy & Miscellaneous Page 223	<i>Focused Poster Session</i> Miscellaneous Infection & Research Page 228
15:30-16:00	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
16:00-17:30	<i>Free Papers</i> Miscellaneous Infection & Tuberculosis Page 209	<i>Free Papers</i> Trauma Distal Femur, Floating Knee & Proximal Tibia Page 215	<i>Free Papers</i> Miscellaneous General Orthopaedics Page 220	<i>Symposium</i> Miscellaneous Electronic Databases & Search Engines for Research Page 224	<i>Focused Poster Session</i> Miscellaneous Joint & Rheumatology Page 229

Friday, 30 November
Sheikh Maktoum Hall A

08:30 - 10:00

**Invited Lecture & Free Papers – Hip: Total Hip Arthroplasty
- Dislocation & Fracture Treatment**

Moderators:

Waleed ABDULMAJID (IRAQ), Jean-Pierre COURPIED (FRANCE)

Invited Speaker

DUAL MOBILITY: WHY IT HAS BECOME A FRENCH STANDARD

André FERREIRA, Jean Louis PRUDHON (FRANCE)

**32698 THE MID-TERM RESULTS OF PRIMARY THR DURING
ACETABULAR FRACTURES**

Victor VOLOSHIN, Anatoliy GALKIN, Dmitry MARTYNYENKO,
Saravanan ARUMUGAM (RUSSIA)

**32505 CONVERSION OF FAILED OPERATED INTERTROCHANTERIC
FRACTURES: HIP ARTHROPLASTY WITH DISTAL FIXATION
FEMORAL STEMS IN UNSALVAGEABLE FEMORAL HEADS.
MID-TERM RESULTS IN 37 CASES**

Rajiv THUKRAL, Sanjiv Kumar Singh MARYA (INDIA)

**32486 PRIMARY HEMIARTHROPLASTY FOR UNSTABLE
INTERTROCHANTERIC FRACTURE IN ELDERLY**

Sanjay MEENA, Rajesh MALHOTRA, Vijay KUMAR, Sumit
MAHAJAN, G.N. KIRAN KUMAR, Pramod SAINI (INDIA)

**31586 HIP ARTHROPLASTY FOR SALVAGE OF FAILED INTERNAL
FIXATION OF TROCHANTERIC HIP FRACTURES**

Ahmed Hazem ABDEL-AZEEM, Hazem ABDEL-AZEEM, Sherif
Ahmed KHALED, Mahmoud ABDEL-KARIM, Ahmed Elnabawy
MORRAH, Mohamed Ahmed KADDAH (EGYPT)

**31527 PRIMARY HEMIARTHROPLASTY IN OSTEOPOROTIC UNSTABLE
INTERTROCHANTERIC FRACTURES IN THE ELDERLY PATIENTS**

Vikrant MAGDUM (INDIA)

**30745 THE USE OF HEMIARTHROPLASTY IN THE TREATMENT OF
UNSTABLE INTERTROCHANTERIC FRACTURES**

Mohamed MAHRAN, Ahmed ABDEL-AAL, Osama FAROUK, Hatem
SAID, Hatem BAKR (EGYPT)

32160 IMPACT ON HIP DISLOCATION RATES WITH LARGER HEAD BEARING TOTAL HIP ARTHROPLASTY FOR NECK OF FEMUR FRACTURES

Sohail YOUSAF, Mohamed Zubair FAROOK, Arvind MOHAN, Richard HARGROVE (UNITED KINGDOM)

31581 DUAL ARTICULATION THA CUPS HAVE SIMILAR CLINICAL RESULTS AS CONVENTIONAL CUPS BUT REDUCE DISLOCATION RATES

Sarunas TARASEVICIUS¹, Otto ROBERTSSON², Paulius DOBOZINSKAS¹, Hans WINGSTRAND²
¹(LITHUANIA), ²(SWEDEN)

30932 THR IN HIGH HIP DISLOCATION

Carsten PERKA, Stephan TOHTZ (GERMANY)

10:00 - 10:30 *Break*

10:30 - 12:00

Invited Lectures & Free Papers – Hip: Total Hip Arthroplasty – Navigation, Resurfacing & Short Stem

Moderator:

Vane ANTOLIC (SLOVENIA)

Invited Speaker **THA IN DDH CASES**

Ismail Remzi TOZUN (TURKEY)

Invited Speaker **31488 OFFSET INCREASE AT TOTAL HIP ARTHROPLASTY IS RELATED TO LESSER IMPROVEMENT OF CLINICAL STATUS**

Vane ANTOLIC, Matej KERSIC, Drago DOLINAR, Blaz MAVCIC (SLOVENIA)

31105 TOTAL HIP ARTHROPLASTY USING IMAGELESS COMPUTER-ASSISTED HIP NAVIGATION – A PROSPECTIVE RANDOMIZED STUDY

Richard LASS, Alexander GIUREA, Reinhard WINDHAGER (AUSTRIA)

32810 FOUR TO SEVEN YEARS RESULTS OF A SHORT CEMENTED FEMORAL COMPONENT

Nicola SANTORI, Domenico POTESIO, Antonio BERTINO, Francesco Saverio SANTORI (ITALY)

31520 MID- TO LONG-TERM RESULTS OF TOTAL HIP ARTHROPLASTY USING THRUST PLATE PROSTHESIS

Sanjeev SHARMA, Chakri BUDHITI, James RICHARDSON (UNITED KINGDOM)

32176 TOTAL HIP ARTHROPLASTY VS SURFACE REPLACEMENT ARTHROPLASTY – RANDOMIZED CLINICAL TRIAL
Ahmed AL-GHAMDI, Pascal André VENDITTOLO, Martin LAVIGNE (CANADA)

32655 LONG-TERM RESULTS OF CHARNLEY LOW OFFSET FEMORAL STEM
Dakshinamurthy SUNDERAMOORTHY¹, Brian DERBYSHIRE², Videsh RAUT¹
¹(UNITED KINGDOM), ²(UGANDA)

32567 THE EFFECT ON RADIOGRAPHIC OSSEOINTEGRATION OF GEOMETRIC VARIATIONS IN ACETABULAR COMPONENT DESIGN
James WADDELL, Max EDWARDS, Michael LUTZ, Oliver KEAST BUTLER, Ben ESCOTT, Emil SCHEMITSCH (CANADA)

12:00 - 14:00 *Lunch break*

14:00 - 15:30 *Invited Lecture & Free Papers – Knee: Arthroplasty Knee Revision*

Moderators:

Sanjiv K.S. MARYA (INDIA), Chitranjan S. RANAWAT (UNITED STATES)

Invited Speaker **PRINCIPLES IN REVISION KNEE REPLACEMENT**
Chitranjan S. RANAWAT (UNITED STATES)

32805 FAILURE MECHANISM OF KNEE ARTHROPLASTIES – A RETROSPECTIVE ANALYSIS
Kathi THIELE, Georg MATZIOLIS, Carsten PERKA, Robert HUBE (GERMANY)

32090 USE OF MEGA-ENDOPROSTHESIS FOR LOWER LIMB RECONSTRUCTION AFTER FAILURE OF HIP AND KNEE ARTHROPLASTIES – OUR EARLY EXPERIENCE
Sanjeev SHARMA, Vishwajeet KUMAR, Kimberly LAMMIN, Peter KAY, Martyn PORTER (UNITED KINGDOM)

31901 CEMENTLESS REVISION TKA WITH BONE GRAFTING OF OSSEOUS DEFECTS RESTORES BONE STOCK WITH A LOW REVISION RATE AT 4 TO 10 YEARS
Hesham AL-KHATEEB, Sammy HANNA, Nick DE ROECK, Will ASTON, David POWLES (UNITED KINGDOM)

31653 S-ROM® NOILES™ ROTATING HINGE KNEE SYSTEM – LONG-TERM RESULTS
Rohit DHAWAN, Pavlou GEORGE, Ben SPENCER JONES, Richard SPENCER JONES (UNITED KINGDOM)

- 31641 USE OF TRABECULAR METAL CONES (TM CONE) FOR RECONSTRUCTION OF SEVERE BONE LOSS AT THE PROXIMAL TIBIA IN REVISION TOTAL KNEE ARTHROPLASTY – 35 CASES FOLLOWED 3-72 MONTHS**
Nikolaj WINTHER (DENMARK)
- 31359 EXTENSOR MECHANISM DISRUPTION FOLLOWING TOTAL KNEE ARTHROPLASTY**
Rajiv MAHARJAN¹, Raju VAISHYA², Anurag AGGARWAL², Wasim AHMED²
¹(NEPAL), ²(INDIA)
- 31043 ARTHROSCOPIC LYSIS OF ADHESIONS FOR THE STIFF TKA: OVERALL RESULTS AND RELIABILITY OF GRAVITY FLEXION AS A PROGNOSTIC INDICATOR OF ULTIMATE KNEE FLEXION**
Zachary POST, Fotios TJOUMAKARIS, Brad TUCKER, Matthew PEPE, Fabio OROZCO, Alvin ONG (UNITED STATES)
- 30962 MID-TERM CLINICAL OUTCOME AFTER ISOLATED CHANGE OF THE POLYETHYLENE INSERT IN REVISION TOTAL KNEE ARTHROPLASTY**
Maik HOBERG, Ulrich NÖTH, Stefanie BRIESKE, Frank HAHN, Arno FRANZ, Felix MASSIG, Maximilian RUDERT (GERMANY)
- 30841 TREATMENT OF PERIPROSTHETIC TIBIAL PLATEAU FRACTURES IN UNICOMPARTMENTAL KNEE ARTHROPLASTY: PLATES VERSUS CANNULATED SCREWS**
Joern Bengt SEEGER, Daniela HAAS, Sebastian JAEGER, Rudi BITSCH, Michael CLARIUS (GERMANY)

15:30 - 16:00 *Break*

16:00 - 17:30 *Symposium – Miscellaneous: Diabetes in Orthopaedics*

Moderator:

Marius SCARLAT (FRANCE)

DIABETES, A PROBLEM OF PUBLIC HEALTH

Ahmed bin Mohammed bin Obeid AL SA'EEDI (OMAN)

DIABETES PATIENTS IN MY ORTHOPAEDIC PRACTICE

Mohammed Mubarak AL ATEEQ AL DOSSARI (QATAR)

THE EPIDEMIOLOGY OF DIABETES

Tarik FIAD (UNITED ARAB EMIRATES)

COMPLICATIONS OF DIABETES IN ORTHOPAEDIC PATIENTS

Michel CAMELI¹, Dominique GAZIELLY²
¹(FRANCE), ²(SWITZERLAND)

UPPER LIMB COMPLICATIONS: DIABETIC STIFFNESS IN THE SHOULDER

Przemislaw LUBIATOWSKI (POLAND)

SYNTHESIS AND CONCLUSIONS

Marius SCARLAT (FRANCE)

Friday, 30 November
Sheikh Maktoum Hall B

08:30 - 10:00 *Free Papers – Shoulder & Elbow: Trauma - Humerus*

Moderators:

Ali AL SUWAIDI (UNITED ARAB EMIRATES), Mussa WARDAK (AFGHANISTAN)

- 32562 DIFFERENCE BETWEEN RADIOLOGICAL AND FUNCTIONAL OUTCOME WITH DELTOID SPLITTING APPROACH VERSUS DELTOPECTORAL APPROACH FOR THE MANAGEMENT OF PROXIMAL HUMERAL FRACTURES WITH PHILOS PLATE**
Shah Waliullah SHAH WALI, Vineet Sharma VINEET, Santosh Kumar SANTOSH, Ashish Kumar ASHISH, Kumar Shantanu SHANTANU (INDIA)
- 31374 PROXIMAL HUMERAL FRACTURES – FUNCTIONAL RESULTS AND COMPLICATIONS**
Marco SARMENTO, Marcos JESUS, André SPRANGER, Mario VALE, Samuel MARTINS, Jacinto MONTEIRO (PORTUGAL)
- 31471 REVERSE TOTAL SHOULDER ARTHROPLASTY TREATING PROXIMAL HUMERUS FRACTURES**
Martin MAJEWSKI (SWITZERLAND)
- 31459 INTRAMEDULLARY NAIL VERSUS DOUBLE PLATE IN IPSILATERAL HUMERAL NECK AND SHAFT FRACTURE TREATMENT**
In-Ho JEON¹, Ivan MICIC², Predrag STOJILJKOVIC²
¹(SOUTH KOREA), ²(SERBIA)
- 32289 THE DEBATE CONTINUES: NAILING VS PLATING FOR TREATMENT OF SHAFT HUMERUS**
Kedar PADHYE, Mayur PATIL, Vidhisha KULKARNI, Govind KULKARNI (INDIA)
- 31485 AO EXTRA-ARTICULAR DISTAL HUMERUS LOCKING PLATE – EXTENDED SPECTRUM OF USAGE IN INTRA-ARTICULAR DISTAL FRACTURES WITH METAPHYSEAL EXTENSION – OUR EXPERIENCE WITH 20 CASES**
Sameer AGGARWAL, Vishal KUMAR (INDIA)
- 31978 RECONSTRUCTIVE TREATMENT OF COMPLICATED CONSEQUENCES OF FRACTURES OF ELBOW JOINT BONES**
Igor KURINNYI, Sergiy STRAFUN, Oleksandr STRAFUN (UKRAINE)

31291 COMPLEX MALTREATED NEGLECTED TRAUMA OF THE HUMERUS AND ITS REVISION SURGERY

Imran SHAH, Junaid SHAH, Syed Muhammad Ali SHAH (PAKISTAN)

30764 THE ROLE OF EXTERNAL FIXATION IN THE TREATMENT OF ARTICULAR, PERIARTICULAR AND SHAFT FRACTURES OF THE HUMERUS DUE TO WARFARE INJURIES

Mussa WARDAK, Ajmal WARDAK (AFGHANISTAN)

33140 OUTCOME OF HYDRODISTENSION FOR ADHESIVE CAPSULITIS OF SHOULDER

Paraskumar MOHANLAL, Amit TOLAT (UNITED KINGDOM)

10:00 - 10:30 *Break*

10:30 - 12:00 *Invited Lecture & Free Papers – Shoulder & Elbow: Sports*

Moderators:

Salem ALNUAIMI (UNITED ARAB EMIRATES), Eiji ITOI (JAPAN)

Invited Speaker **BIOMECHANICAL ASPECT OF SHOULDER INSTABILITY**

Eiji ITOI (JAPAN)

32102 LONG-TERM RESULTS AFTER ARTHROSCOPIC SHOULDER STABILISATION

Jaap WILLEMS, Just VAN DER LINDEN (NETHERLANDS)

33034 COMPARATIVE STUDY BETWEEN ARTHROSCOPIC LABRAL REPAIR USING SUTURE ANCHOR WITH OR WITHOUT ELECTROTHERMAL CAPSULORRHAPHY IN RECURRENT DISLOCATION SHOULDER

Tarek ELKHADRAWI, Mohamed Hosam ELSHAFIE, Mohamed Gamal MORSY, (EGYPT)

32775 A SYSTEMATIC REVIEW OF THE OUTCOMES FOLLOWING ARTHROSCOPIC “REMPLISSAGE” FOR SHOULDER INSTABILITY

Mustafa RASHID, Usman BUTT, Charalambous CHARALAMBOUS (UNITED KINGDOM)

31728 EVALUATION OF ARTHROSCOPIC MANAGEMENT OF TENNIS ELBOW; EMPHASIS ON RESECTION OF RADIOCAPITELLAR CAPSULAR COMPLEX (RCCC)

Mohammed KOTB (EGYPT)

31519 INFLUENCE OF BONY BANKART ON ARTHROSCOPIC REPAIR OF INSTABILITY OF THE SHOULDER

Jaap WILLEMS, Kjeil JASPARS (NETHERLANDS)

30915 COMPARISON BETWEEN BEACH CHAIR AND LATERAL DECUBITUS POSITION IN ARTHROSCOPIC SHOULDER STABILIZATION WITH SUTURE ANCHOR TECHNIQUE MID-TERM RESULTS

Ulf KUHLEE, Karsten LABS, Gregor MÖCKEL, Theresa BLANKE (GERMANY)

32720 POSITIONAL COMPLICATION IN SHOULDER ARTHROSCOPY

Navnit MAKARAM, Makaram SRINIVASAN, Louisa BANKS, Kushal BARI (UNITED KINGDOM)

31850 EVALUATION OF RESULTS OF INTERNAL FIXATION OF CORONOID FRACTURES OF ELBOW

Sunil Vishnu PATIL, Nagesh Prabhakar NAIK (INDIA)

12:00 - 14:00 *Lunch break*

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

Moderators:

Jose Sergio FRANCO (BRAZIL), Ernst WIEDEMANN (GERMANY)

31444 CLINICAL OUTCOMES OF DIFFERENT TYPES OF GLENOSPHERES IN REVERSE TOTAL SHOULDER ARTHROPLASTY – A MULTICENTER STUDY

Hans-Rudolf BLOCH (GERMANY)

31025 ARE SHOULDERS WITH A REVERSE SHOULDER PROSTHESIS STRONG ENOUGH?

Tjarco ALTA¹, Dirkjan VEEGER¹, Thomas JANSSEN¹, Jeroen BERGMANN², Bart BURGER¹, Jaap WILLEMS¹
¹(NETHERLANDS), ²(UNITED KINGDOM)

31026 DIFFERENCE IN CLINICAL OUTCOME BETWEEN TOTAL SHOULDER (TSA) AND REVERSE SHOULDER ARTHROPLASTY (RSA) USED IN REVISION SURGERY

Tjarco ALTA, Bas HARTEL, Miguel SEWNATH, Jaap WILLEMS (NETHERLANDS)

30774 CEMENTLESS SURFACE REPLACEMENT ARTHROPLASTY OF THE SHOULDER FOR OSTEOARTHRITIS – RESULTS OF 50 COPELAND MARK-3 PROSTHESES FROM AN INDEPENDENT CENTRE WITH 4-YEAR FOLLOW-UP

Domos PETER, Nawfal AL-HADITHY, Mathew SEWELL, Asif NALEEM, Madhavan PAPANNA, Ravi PANDIT (UNITED KINGDOM)

32599 MAGNETIC RESONANCE IMAGING VERSUS PLAIN RADIOGRAPHY IN THE ASSESSMENT OF GLENOID VERSION FOR OSTEOARTHRITIS OF THE SHOULDER

Antony Claud RAYMOND, Philip MCCANN, Partha Pratim SARANGI (UNITED KINGDOM)

31760 PENETRATION DEPTH AND SIZE OF THE NON-ARTHRITIC GLENOID: IMPLICATIONS FOR GLENOID REPLACEMENT

Soo Heon HONG, Hong Jun JUNG, In-Ho JEON, Tae Soo AHN, Tae Kyoon LEE, Chun Sung LEE, Jae Myeung CHUN (SOUTH KOREA)

31606 RATES OF RADIOLUCENCIES AND LOOSENING AFTER TOTAL SHOULDER REPLACEMENT WITH PEGGED OR KEELED GLENOID COMPONENTS

Patrick VAVKEN¹, Arvind VON KEUDELL², Claudio ROSSO¹, Victor VALDERRABANO¹, Andreas MUELLER²
¹(SWITZERLAND), ²(UNITED STATES)

32795 TUBEROSITY UNION IN REVERSE SHOULDER ARTHROPLASTY FOR PROXIMAL HUMERUS FRACTURES

Joby GEORGE MALAL, Ali NOORANI, Matthew KENT, Inigo GUIASOLA (UNITED KINGDOM)

31615 PROXIMAL HUMERAL FRACTURES TREATED WITH HEMIARTHROPLASTY. DOES TENODESIS OF THE LONG HEAD OF THE BICEPS IMPROVE RESULTS?

Omar SOLIMAN, Wael KOPTAN, Yasser ELMILIGUI, Mohammad EL-SHARKAWI (EGYPT)

31696 LONG-TERM RESULTS OF CANCELLOUS COMPACTION TECHNIQUE FOR GLENOID REPLACEMENT IN TOTAL SHOULDER ARTHROPLASTY FOR PRIMARY OSTEOARTHRITIS

Dominique GAZIELLY¹, Vincenzo BELLOTTI¹, Gilles WALCH², Olivier VERBORGT³
¹(SWITZERLAND), ²(FRANCE), ³(BELGIUM)

15:30 - 16:00 *Break*

16:00 - 17:30 **Invited Lecture & Free Papers – Shoulder & Elbow: Trauma I**

Moderators:

Jacinto MONTEIRO (PORTUGAL), Thore ZANTOP (GERMANY)

Invited Speaker **TREATMENT OF AC JOINT INSTABILITY**

Thore ZANTOP (GERMANY)

- 33146 MIDSHAFT CLAVICULAR FRACTURES TREATED BY OPEN REDUCTION AND INTERNAL FIXATION USING CANNULATED SCREWS**
Elhussein ELGENGEHY, Mahmoud MAHRAN (EGYPT)
- 32656 ELASTIC STABLE INTRAMEDULLARY NAILING IN DISPLACED MIDCLAVICULAR FRACTURES IN ADULTS**
Biswajit SAHU, Rakesh Kumar GOYEL, Sakti Prasad DAS, Basanta Kumar BEHERA (INDIA)
- 32611 COMPARATIVE STUDY OF MIDSAHFT CLAVICLE FRACTURE WITH OPERATIVE AND CONSERVATIVE METHODS**
Umesh JAIN, Govind KULKARNI, Vidhisha KULKARNI, Sunil KULKARNI (INDIA)
- 32271 THE USE OF THE DISTAL RADIUS LOCKING PLATE AND TIGHTROPE FIXATION FOR LATERAL CLAVICLE FRACTURES**
Erik HOHMANN, Kevin TETSWORTH (AUSTRALIA)
- 31154 MODIFIED TENSION BAND FOR DISPLACED TYPE 2 LATERAL END CLAVICLE FRACTURES**
Laxman RIJAL (NEPAL)
- 32254 SURGICAL TREATMENT OF COMPLETE ACROMIOCLAVICULAR JOINT DISLOCATION – A REVIEW OF INDICATIONS, TECHNIQUES AND FUNCTIONAL OUTCOME**
Biswajit SAHU, Sakti DAS, R. Kumar GOYEL, Basant Kumar BEHERA (INDIA)
- 31277 ACROMIOCLAVICUAR JOINT (ACJ) STABILISATION USING THE ‘SURGILIG’ TECHNIQUE – A DISTRICT GENERAL HOSPITAL EXPERIENCE**
Riazuddin MOHAMMED, Wail Awad Elkarim Mohammed AHMED, Rob YATE, Owain ENNIS, Steve JOHNSON (UNITED KINGDOM)
- 32991 EFFECTIVENESS OF A MODIFIED WEAVER-DUNN PROCEDURE WITH CHIP BONE GRAFT FOR SEPARATION OF THE ACROMIOCLAVICULAR JOINT**
Tae-Soo PARK, Ki-Chul PARK (SOUTH KOREA)

Friday, 30 November
Sheikh Maktoum Hall C

08:30 - 10:00 **AO Foundation Symposium – Hip Fractures**

Moderator:

Hatem SAID (EGYPT)

CURRENT CONCEPTS IN TROCHANTERIC FRACTURES

Mahmoud ODAT (JORDAN)

BASI-TROCHANTERIC FRACTURES – FIX OR REPLACE?

Martin HESSMAN (GERMANY)

FRACTURES NOF – EBM – ORIF/HEMI/THR

Frankie Ka Li LEUNG (HONG KONG)

CASE DISCUSSIONS

Hatem SAID (EGYPT)

10:00 - 10:30 *Break*

10:30 - 12:00 **AO Foundation Symposium – Acetabular Fractures**

Moderator:

Wael TAHA (SAUDI ARABIA)

**SINGLE OR DOUBLE APPROACH FOR BOTH COLUMN FRACTURE
ACETABULUM**

Martin HESSMAN (GERMANY)

MINIMALLY INVASIVE ACETABULUM SURGERY

P. MESSMER (UNITED ARAB EMIRATES)

FIXATION OF NEGLECTED ACETABULAR FRACTURES

Hazem A. AZEEM (EGYPT)

CASE DISCUSSIONS

P. MESSMER (UNITED ARAB EMIRATES)

12:00 - 14:00 *Lunch break*

14:00 - 15:30

*Free Papers – Miscellaneous: General Orthopaedics -
Epidemiology & Economics*

Moderator:

Ibrahim TABSH (SAUDI ARABIA)

- 33019 THE JULY 22ND TERROR ATTACK IN NORWAY**
Geir Stray ANDREASSEN, Vera HALVORSEN, Jan Erik MADSEN
(NORWAY)
- 33154 DO EARLY DISCHARGE SCHEMES WORK? A QUALITATIVE
PERSPECTIVE**
Amit SHAH, Lynne GOODACRE, Balakrishna ILANGO, James
DOYLE, Ronan MCGIVNEY (UNITED KINGDOM)
- 33110 CAN STANDARDISATION OF EQUIPMENT SAVE TIME, MONEY
AND THE SANITY OF DOCTORS?**
Sandesh GULHANE (UNITED KINGDOM)
- 32969 END OF LIFE DECISION MAKING IN ORTHOPAEDICS: ONE UNIT'S
5-YEAR EXPERIENCE**
Neil JAIN, Joseph RING, Steven BROOKES-FAZACKERLY, Matthew
NEWTON-EDE, Richard WILKES (UNITED KINGDOM)
- 32867 AN INTERNATIONAL SURVEY ON FACTORS INFLUENCING
DECISION MAKING IN ORTHOPAEDIC SURGERY**
Prithee JETTOO (UNITED KINGDOM)
- 32679 DO WE COMPLY? – ANTIBIOTIC PROPHYLAXIS IN PEDIATRIC
SPINE SURGERY**
Joshua HYMAN, Matthew RIEDEL, Hiroko MATSUMOTO, Lisa
COVINGTON, Meghan MURRAY, Lisa SAIMAN, Benjamin ROYE,
David ROYE, Michael VITALE (UNITED STATES)
- 32327 ECONOMIC IMPACT OF INFECTED TOTAL HIP AND KNEE
ARTHROPLASTY IN THE GERMAN DRG SYSTEM**
Maximilian HAENLE, Christina SKRIPITZ, Wolfram MITTELMEIER,
Ralf SKRIPITZ (GERMANY)
- 31769 CONSENTING IN ORTHOPAEDICS – ASSESSING THE QUALITY OF
CONSENT FORMS**
Avtar SUR, Amit BHALLA (UNITED KINGDOM)
- 31734 AUTONOMY IN ORTHOPAEDIC SURGERY. A BIOETHICAL
RESEARCH ON THE USE OF ALLOGRAFTS**
Armando TORRES-GOMEZ, Luis OCHOA, Erika MEZA-DAVALOS
(MEXICO)

31368 AWARENESS OF ACUTE COMPARTMENT SYNDROME (ACS): A SURVEY OF JUNIOR DOCTORS IN A DISTRICT GENERAL HOSPITAL
Riazuddin MOHAMMED, Raghu ERRANTI, Vijayanthi RASARATNAM (UNITED KINGDOM)

31254 PATIENT SAFETY IN ORTHOPAEDIC SURGERY: AN ANALYSIS OF 48,095 CASES OF IATROGENESIS REPORTED OVER A 1-YEAR PERIOD TO A NATIONAL DATABASE
Bhupinder MANN, Sarah SALVILLA, Andrew CARSON-STEVENS, Bhavesh PATEL, Saqeb MIRZA, Sukhmeet PANESAR (UNITED KINGDOM)

15:30 - 16:00 *Break*

16:00 - 17:30 *Free Papers – Miscellaneous: Thromboprophylaxis*

Moderators:

Ben HAUGHTON (UNITED KINGDOM), Fred Matthew Toboso OTSYENO (KENYA)

32340 RIVAROXABAN FOR THROMBOPROPHYLAXIS AFTER MAJOR ORTHOPAEDIC SURGERY OF THE HIP AND KNEE IN CLINICAL PRACTICE – RESULTS OF A NON-INTERVENTIONAL, PHASE IV (XAMOS) STUDY
Alexander TURPIE¹, Waheed JAMAL², André SCHMIDT², Michael LASSEN³, Lorenzo MANTOVANI⁴, Reinhold KREUTZ², Sylvia HAAS²
¹(CANADA), ²(GERMANY), ³(DENMARK), ⁴(ITALY)

33079 3½ YEARS CLINICAL EXPERIENCE WITH RIVAROXABAN, THE FIRST ORAL FACTOR XA INHIBITOR: FROM CLINICAL TRIALS TO DAILY LIFE
Patrick MOURET (GERMANY)

32105 PROSPECTIVE FOLLOW-UP EXAMINATION OF ENOXAPARIN AND DABIGATRAN ANTITHROMBOTIC THERAPIES AFTER CEMENTED TOTAL HIP REPLACEMENT
Kálmán TÓTH, Csaba GOMBÁR, Gellért SOHÁR, Gyöngyi HORVÁTH (HUNGARY)

30884 VENOUS THROMBOEMBOLIC PROPHYLAXIS AND LOWER LIMB ARTHROPLASTY – COMPARING TWO PHARMACOLOGICAL REGIMES
Ben HAUGHTON, Anish P. KADAKIA, Ajit SHETTY (UNITED KINGDOM)

33042 VENOUS THROMBOEMBOLISM (VTE) FOLLOWING FOOT SURGERY – NHS TAYSIDE DATA
Mansoor JAFRI, Muhammad UL HAQ (UNITED KINGDOM)

- 32417 VENOUS THROMBOEMBOLISM (VTE) PROPHYLAXIS IN CAST IMMOBILISED PATIENTS: IS PREVENTION MORE COST EFFECTIVE THAN CURE?**
David WORDSWORTH, David MASKELL, Richard FORDHAM (UNITED KINGDOM)
- 32413 VENOUS THROMBOEMBOLISM (VTE) IN THE CAST IMMOBILISED: A REVIEW OF ALL VTE EVENTS IN THE CAST IMMOBILISED OVER FIVE YEARS IN A DISTRICT GENERAL HOSPITAL**
David WORDSWORTH, Jessica MURLEY, David MASKELL (UNITED KINGDOM)
- 31024 ASPIRIN VERSUS LOW MOLECULAR WEIGHT HEPARIN FOR EXTENDED VENOUS THROMBOEMBOLISM PROPHYLAXIS FOLLOWING TOTAL HIP ARTHROPLASTY: A DOUBLE-BLIND RANDOMIZED CONTROLLED TRIAL (THE EPCAT STUDY)**
Ahmed AL-GHAMDI, David R. ANDERSON, Michael DUNBAR, Eric R. BOHM, Etienne BELZILE, Susan R. KAHN, David ZUKOR, William FISHER, Wade GOFTON, Peter GROSS, Stephane PELET, Mark CROWTHER, Steven MACDONALD, Paul KIM, Susan PLEASANCE, Nicki DAVIS, Pantelis ANDREOU, Philip WELLS, Michael KOVACS, Marc A. RODGER, Tim RAMSAY, Marc CARRIER, Pascal André VENDITTOLI (CANADA)
- 31714 ANTI-EMBOLISM STOCKINGS: IS THERE ANY BENEFIT? A REVIEW OF THE EVIDENCE**
Nimesh Girishbhai PATEL, James GIBBS (UNITED KINGDOM)

Friday, 30 November
Sheikh Maktoum Hall D

08:30 - 10:00 *Free Papers – Foot & Ankle: Trauma I*

Moderator:

Peter BIBERTHALER (GERMANY)

- 33039 FACTORS INFLUENCING THE FUNCTIONAL RESULT OF ADULT MALLEOLAR FRACTURES AFTER OPEN REDUCTION AND INTERNAL FIXATION**
Edgar MEIRA, Joana CARDOSO, Nuno NEVES PEREIRA, Paulo ARAÚJO, Nuno CAMELO BARBOSA, António LEITA DA CUNHA, Nuno BRITO (PORTUGAL)
- 31428 LIFE AFTER 1ST MTPJ ARTHRODESIS – DR SCHOLL VS MANOLO BLAHNIK?**
Vinay Kumar SINGH, Andrea Helen SOTT (UNITED KINGDOM)
- 32130 OPTIMAL TIMING FOR SYNDESMOTIC SCREW REMOVAL – A STUDY BY RADIOLOGICAL ASSESSMENT**
Vijay RAJAMANI, Kodali Siva Rama Krishna PRASAD, George ZAFIROPOULOS (UNITED KINGDOM)
- 31735 LONG-TERM OUTCOME OF TIGHTROPE FIXATION FOR SYNDESMOSIS INJURY**
Syah BAHARI, Gandhi SOLAYAR, John MCKENNA (IRELAND)
- 31339 EVALUATION OF TIGHTROPE FIXATION IN PATIENTS WITH ANKLE SYNDESMOSIS INJURY**
Waheeb AL-AZZANI, Tarique SALEH, Vishal PERINGE, Declon O'DOHERTY (UNITED KINGDOM)
- 32558 SYNDESMOTIC INJURIES AND ANKLE ARTHRITIS TREATED WITHOUT FUSION OR ARTHROPLASTY**
Santanu BASU RAY (INDIA)
- 32379 OPEN REDUCTION & INTERNAL FIXATION WITH CORTICOCANCELLOUS BONE GRAFTING FOR DEPRESSED INTRA-ARTICULAR CALCANEAL FRACTURES**
Rehan UI HAQ, Ish DHAMMI, Jaiwardhan SINGH (INDIA)
- 31955 OPEN REDUCTION SEVERELY DISLOCATED HIGH-ENERGY CALCANEAL FRACTURES**
Aleh KORZUN, Alexandre BELETSKY, Alexandre SITNIK, Alexandre LINOVA (BELARUS)

31610 ARTHROSCOPIC ASSISTED OSTEOSYNTHESIS OF THE CALCANEAL FRACTURE

Libor PASA, Ján KUZMA (CZECH REPUBLIC)

10:00 - 10:30 *Break*

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

Moderators:

Thomas ANDERSON (SWEDEN), Samir KARRAKCHOU (MOROCCO)

33159 COMPARATIVE STUDY BETWEEN ORIF AND LIMITED INTERNAL FIXATION WITH EXTERNAL FIXATION FOR CLOSED TIBIAL PLAFOND FRACTURES

Elhussein ELGENGEHY, Ahmed RAYAN, Mahmoud MAHRAN (EGYPT)

32878 THE IMPORTANCE OF SOFT TISSUE CONDITIONS FOR FRACTURES OF THE TIBIAL PILON: ADVANTAGES OF A 2-STAGE

Noureddine BAHRI¹, Martin WURM¹, Mounir HAMD², Arndt Peter SCHULZ¹, Christian JUERGENS¹, B. KIENAST¹
¹(GERMANY), ²(TUNISIA)

32573 OSTEOCHONDRAL TRANSPLANTATION FOR TALAR OSTEOCHONDRAL LESIONS USING AN ANTERIOR TIBIAL WEDGE OSTEOTOMY: A PROSPECTIVE STUDY

Sumit BANERJEE, Hira Lal NAG (INDIA)

32363 A 2-11 YEAR RETROSPECTIVE STUDY OF PATIENTS WITH HAGLUND'S DEFORMITY OPERATED WITH A WEDGE OSTEOTOMY ON THE CALCANEUS

Thomas ANDERSON, Fredrik MONTGOMERY, Mats ASTROM (SWEDEN)

33013 NEGLECTED ACHILLES TENDON RUPTURES – MANAGEMENT WITH PERONEUS BREVIS AND FLEXOR HALLUCIS LONGUS TRANSFER

Raghunandan GAMBIRA (INDIA)

33220 PERCUTANEOUS VS OPEN MULTIPLE LONGITUDINAL TENOTOMIES OF THE TENDOACHILLES FOR THE TENDINOPATHY

Suraj GULATI, Renuka Reddy KURUVALLI, Subramanyam Maripuri NAIDU, Ian MACKIE, Hywel DAVIES, Yogesh NATHDWARAWALA, Atif NADA (UNITED KINGDOM)

- 32740 ANTERIOR TRANSFER OF TIBIALIS POSTERIOR AND FLEXOR DIGITORUM LONGUS IN CASES OF COMPLETE COMMON PERONEAL NERVE PALSY**
Ahmed Naeem ATIYYA, Mohamed Mokhtar ABD-ELLA (EGYPT)
- 31536 DORSAL PLATING VS. INTRA-ARTICULAR ORIF FOR ACUTE LISFRANC INJURIES**
Thomas HARRIS (UNITED STATES)
- 32466 5-YEAR RETROSPECTIVE ANALYSIS OF VENOUS THROMBOEMBOLISM IN OPERATIVELY MANAGED ANKLE FRACTURES – THE CASE AGAINST PHARMACOLOGICAL PROPHYLAXIS**
Caroline COZON, Matthew WELCK, Pinak RAY (UNITED KINGDOM)
- 31370 RISK OF AMPUTATION IN PATIENTS WITH DIABETIC FOOT ULCERS**
Huub J.L. VAN DER HEIDE, Bart MEIJER, Wendeline VAN DER MADE (NETHERLANDS)

12:00 - 14:00 *Lunch break*

14:00 - 15:30 **Free Papers – Foot & Ankle: Non Traumatic**

Moderator:
Miroslav HASPL (CROATIA)

- 32763 TOTAL ANKLE ARTHROPLASTY WITH AND WITHOUT ADDITIONAL CONCOMITANT PROCEDURES**
Mohamed Mokhtar ABD-ELLA (EGYPT)
- 32640 REVISION OF FAILED TAR TO FUSION**
Dakshinamurthy SUNDERAMOORTHY, Suri GUDIPATI, Nick HARRIS (UNITED KINGDOM)
- 32485 NONOPERATIVE MANAGEMENT OF FRACTURES OCCURRING DURING ANKLE ARTHROPLASTY**
Nicola FINE, Richard WALTER, Patrick LOXDALE (UNITED KINGDOM)
- 31020 ONE-STAGE PANTALAR ARTHRODESIS – A STUDY OF 96 CASES**
Govindbhai PUROHIT, Yogesh PUROHIT, Prakash PAREKH (INDIA)
- 31135 SURGICAL TREATMENT OF FOOT DEFORMITIES IN PATIENTS WITH CHARCOT-MARIE ATROPHY BY ILIZAROV METHOD OF TRANSOSSEOUS OSTEOSYNTHESIS**
Andrei NERETIN, Gennadiy IVANOV (RUSSIA)

- 32148 THE METATARSAL AXIS DEVIATION (MAD) ANGLE, A NEW ANGLE TO MEASURE PRIMUS METATARSUS VARUS**
Avadhoot KANTAK, Surendra PATNAIK, Mohan LAL (UNITED KINGDOM)
- 32107 REPLACEMENT OF THE FIRST METATARSOPHALANGEAL JOINT USING A METALLIC HEMIARTHROPLASTY – A CASE SERIES WITH FUNCTIONAL OUTCOMES**
Hisham SHALABY, Issac AHMED, Colin THOMSON, John MCKINLEY (UNITED KINGDOM)
- 32026 MINIMALLY (MIS) CHEILECTOMY; FUNCTIONAL OUTCOME AND COMPARISON WITH OPEN CHEILECTOMY**
Samer MORGAN, Simon PALMER (UNITED KINGDOM)
- 32011 MINIMALLY INVASIVE CHEVRON OSTEOTOMY; FUNCTIONAL OUTCOME AND COMPARISON WITH OPEN CHEVRON OSTEOTOMY**
Samer MORGAN, Simon PALMER (UNITED KINGDOM)

15:30 - 16:00 *Break*

16:00 - 17:30 *Free Papers – Shoulder & Elbow: Trauma II*

Moderator:

Mohamed Hosam ELSHAFIE (EGYPT)

- 30753 CORONAL SHEAR FRACTURES OF DISTAL HUMERUS – THE CAPITELLUM AND TROCHLEA: FUNCTIONAL OUTCOME AFTER OPEN REDUCTION AND INTERNAL FIXATION WITH HERBERT SCREWS**
Mrinal SHARMA, Yatinder KHARBANDA (INDIA)
- 31174 CLINICAL OUTCOME ANALYSIS OF PARALLEL PLATE TECHNIQUE IN INTRA-ARTICULAR DISTAL HUMERUS FRACTURES**
M. MOHAMED SAMEER, Dinesh LOGANATHAN, Mohamed Ismail DEEN, M.R. RAJASEKAR (INDIA)
- 30961 ELBOW DISLOCATION WITH IPSILATERAL TRANSVERSE MIDSHAFT RADIUS AND ULNAR FRACTURES: REPORT OF A RARE CASE AND LITERATURE REVIEW**
Pinak RAY, Elizabeth GILLOTT, Barry FERRIS (UNITED KINGDOM)
- 30758 FUNCTIONAL OUTCOME AFTER MINIPLATE OSTEOSYNTHESIS FOR RADIAL HEAD AND NECK FRACTURES**
Mrinal SHARMA, Yatinder KHARBANDA (INDIA)

- 32626 IMPLICATION OF PROXIMAL ULNA ANATOMY IN DISTAL BICEPS TENDON RUPTURES AND ELBOW OSTEOARTHRITIS, A MULTI-CENTERED, COMPARATIVE COHORT STUDY**
Julien CHAPLEAU¹, Alec CIKES², Jonah HEBERT DAVIES¹, Emilie SANDMAN¹, Roger VAN RIET³, Dominique ROULEAU¹
¹(CANADA), ²(SWITZERLAND), ³(BELGIUM)
- 30778 FUNCTIONAL OUTCOMES AND COMPLICATIONS OF ARTHROPLASTY VERSUS FIXATION FOR COMMUNUTED RADIAL HEAD FRACTURES IN ADULTS: A SYSTEMATIC REVIEW**
Akash PATEL, Amarjit ANAND, Abbas RASHID, Mahbub ALAM, Bobby ANAND (UNITED KINGDOM)
- 32235 POST-TRAUMATIC STIFF ELBOW: ARTHROLYSIS AS A TREATMENT MODALITY**
Mayur PATIL, Kedar PADHYE, Vidhisha KULKARNI, Govind KULKARNI (INDIA)
- 32975 ARTHROSCOPIC RELEASE OF RESISTANT STIFF ELBOW**
Mohamed MORSY (EGYPT)
- 33127 TREATMENT OF LATERAL EPICONDYLITIS AT THE ELBOW BY LATERAL EPICONDYLECTOMY**
Georgios Gr. PAPADOPOULOS, Ioannis KANAKAKIS, Harilaos SAKELLARIDES (GREECE)
- 32639 AN ANATOMIC BASIS FOR ENDOSCOPIC CUBITAL TUNNEL SURGERY**
Ather MIRZA, Justin MIRZA, Mary Kate REINHART, Graham APPELBE, Daniel LORENZANA (UNITED STATES)

17:45 - 19:00

Social Event – Closing Ceremony

AWARDS CEREMONY

PRESENTATION OF THE 34TH SICOT ORTHOPAEDIC WORLD CONFERENCE IN HYDERABAD, INDIA – 17-19 OCTOBER 2013

OFFICIAL CLOSING OF CONFERENCE

Friday, 30 November

Sheikh Rashid Hall A

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

Moderator:

Andrzej BOHATYREWICZ (POLAND)

- 32005 BIOMECHANICAL EVALUATION OF SEMI-BICORTICAL SCREW FIXATION WITH LOCKING COMPRESSION PLATE FOR SURGICAL MANAGEMENT OF DIAPHYSEAL FEMORAL FRACTURES**
A-Ram KANG, Jae Ang SIM, Sung-Jae LEE (SOUTH KOREA)
- 30724 RETROSPECTIVE ANALYSIS OF OPEN FRACTURES OF THE MIDSHAFT AND DISTAL FEMUR EXTERNAL FIXATION VERSUS INTERNAL STABILIZATION**
Florian M. KOVAR, Manuela JAINDL, Stephanie ARBES, Johannes LEITGEB, Georg ENDLER, Patrick PLATZER (AUSTRIA)
- 32860 RESULTS OF INTRAMEDULLARY NAILING OPEN FEMORAL FRACTURES IN CHILDREN**
Tomaszewski RYSZARD (POLAND)
- 31854 COMPARATIVE STUDY OF OUTCOME OF TITANIUM AND STAINLESS STEEL ELASTIC NAIL FIXATION FOR PAEDIATRIC FEMORAL SHAFT FRACTURE**
Suneet TANDON, Ashish Kumar GOHIYA, Shaubhik RAY, Sanjiv GAUR, Anoop MEHROTRA (INDIA)
- 32627 COMPARISON OF MIPPO VS. ORIF IN DISTAL FEMORAL FRACTURES**
Alexandre SITNIK, Alexandre BELETSKY (BELARUS)
- 32451 FRACTURES OF THE DISTAL TWO THIRDS OF FEMUR – RETRONAIL VERSUS ANTEROGRADE CENTROMEDULLARY NAIL**
Adrian Emilian BADILA, Adrian Radu RADULESCU, Octavian NUTIU, Robert MANOLESCU, Traian CIOBANU, Ioan JAPIE, Alexandru PAPUC, Cristian NINULESCU, Dragos RADULESCU, Boris FEGHIU, Vitali ANDONI (ROMANIA)
- 31330 FIXATION OF SUPRACONDYLAR FEMORAL FRACTURES FOLLOWING TOTAL KNEE ARTHROPLASTY: IS THERE ANY SUPERIORITY COMPARING ANGULAR STABLE PLATE FIXATION VERSUS RIGID INTERLOCKING NAIL FIXATION?**
Gerhild THALHAMMER, Patrick PLATZER, Johannes LEITGEB, Roman OSTERMANN, Stefanie SYRE, Silke ALDRIAN (AUSTRIA)

- 31109 DISTAL FEMUR FRACTURES TREATED BY ILIZAROV**
Abdul Latif QURESHI, Asadullah MAKHDOOM, Khaleeqe Ahmed SIDDIQUI (PAKISTAN)
- 32314 MANAGEMENT OF LIMB LENGTH DISCREPANCY WITH RING FIXATORS AND SIMULTANEOUS DEFORMITY CORRECTIONS**
Raviraj SHINDE, Ajit SHINDE, Samar BISWAS, Rahul SALUNKHE (INDIA)
- 31717 A NEW HINGE SYSTEM IN LIMB LENGTHENING AND CORRECTION OF AXIAL DEVIATIONS**
Ghassan SALAMEH¹, Michael SCHMIDT²
¹(SYRIA), ²(GERMANY)
- 30718 ABOUT ENDO-EXO-PROSTHESES – INTRAMEDULLARY, TRANSCUTANEOUS IMPLANTS FOR REHABILITATION OF AMPUTEES**
Horst-Heinrich ASCHOFF (GERMANY)

10:00 - 10:30 *Break*

10:30 - 12:00 *Free Papers – Trauma: Hip Fractures*

Moderator:

Khalid AL HAMADI (UNITED ARAB EMIRATES)

- 32893 PREDICTORS OF EARLY MORTALITY AFTER HIP FRACTURE SURGERY**
Muhammad Asim KHAN, Fahad Siddique HOSSAIN, Iftikhar AHMED, Nagarajan MUTHUKUMAR, Amr MOHSEN (UNITED KINGDOM)
- 32128 28-DAY READMISSION FOLLOWING SURGICALLY TREATED NECK OF FEMUR FRACTURE**
Chinyelu MENAKAYA, Alan RIGBY, Amr MOHSEN (UNITED KINGDOM)
- 32091 REVERSAL PROTOCOLS FOR HIP FRACTURE PATIENTS ON WARFARIN**
Andreas LEONIDOU, Rishi RALLAN, Nancy COX, Joseph PAGKALOS, Jonathan LUSCOMBE (UNITED KINGDOM)
- 32938 THE ARTIFICIAL BONE AUGMENTATION FOR GERIATRIC UNSTABLE PERITROCHANTERIC FRACTURES USING ADJUSTABLE SLIDING HIP SCREWS**
Ichiro NAKAYAMA (JAPAN)

32535 PFN, DHS OR BIPOLAR HEMIARTHROPLASTY IN UNSTABLE INTERTROCHANTERIC FEMORAL FRACTURES IN THE ELDERLY WITH MULTIPLE CO-MORBIDITY: A RETROSPECTIVE ANALYSIS
Rajiv THUKRAL, Sanjiv Kumar Singh MARYA (INDIA)

32113 OUTCOMES OF THE 3RD GENERATION GAMMA NAIL: DIFFERENCES IN OUTCOME IN USING THE LONG AND SHORT GAMMA NAIL
Kiran Kumar NAIKOTI, Amol CHITRE, Nikhil SHAH (UNITED KINGDOM)

32704 RADIOLOGICAL OUTCOMES OF INTERTROCHANTERIC HIP FRACTURES TREATED WITH THE INTERTAN NAIL
Yangguan WU, Tracy WATSON J., Heidi ISREAL, Djoldas KUDJONOV,, James JACKMAN (UNITED STATES)

31930 VARUS HIP DEFORMITY – CORRECTION BY FIXAS
Nedzad SABIC, E. SABIC (BOSNIA)

12:00 - 14:00 *Lunch break*

14:00 - 15:30 *Free Papers – Trauma: Polytrauma*

*Moderators:
(to be confirmed)*

33128 DAMAGE CONTROL – A CONCEPT TO RECOGNIZE IN POLYTRAUMATIZED PATIENTS
Ivan GEROV, Konstantsa ALEXIEVA, Nedelcho TZACHEV, Asen BALTOV, Vladimir RUSIMOV (BULGARIA)

31923 DIFFERENT INJURY COMBINATIONS INFLUENCE SHORT-TERM OUTCOME IN MULTIPLE MUSCULOSKELETAL TRAUMA: THE IMPORTANCE OF MICROPLANNING
Arindam BANERJEE, Rajiv CHATTERJEE (INDIA)

33162 PULMONARY COMPLICATIONS AS A CAUSE OF DELAYED OPERATIVE TREATMENT OF PELVIC FRACTURES IN POLYTRAUMATIZED PATIENTS
Gabriel HALÁT, Lukas NEGRIN, Markus GREGORI, Stefan HAJDU, Thomas HEINZ (AUSTRIA)

31695 OPEN CHEST CPR IN CASES OF BLUNT TRAUMA – THERE ARE SURVIVORS
Philipp KRAEMER, Christian SPRINGBORN, Matthias MUENZBERG, Wolfgang ARMBRUSTER, Paul Alfred GRÜTZNER, Christoph WOELFL (GERMANY)

32075 PELVIC BINDERS – TO USE OR NOT USE? A REVIEW OF THEIR USE IN A LEVEL 1 TRAUMA CENTRE

Erden ALI, Lee SMITH, Joshua LEE (UNITED KINGDOM)

33111 ONE-YEAR RESULTS AFTER PLATE FIXATION OF THE UNSTABLE THORACIC CAGE

Hans GRANHED, David PAZOOKI, Michel TAGLIATI, Monica FAGEVIK-OLSEN (SWEDEN)

32135 WHO KNOWS BETTER: THE PATIENT OR THE DOCTOR?

Florian WICHLAS, Serafeim TSITSILONIS, Alexander SPRINGER, Tobias LINDNER, Julia KOCH, Norbert HAAS (GERMANY)

32056 MOTIVATION DEPENDING OUTCOME TO PASS A STANDARDISED COURSE FOR TREATMENT OF THE POLYTRAUMA PATIENT (ATLS)©

Wolfgang ARMBRUSTER, Matthias MÜNZBERG, Bernd HÖNER, Paul-Alfred GRÜTZNER, Martin GROTZ, Christoph WOELFL (GERMANY)

31150 INFLUENCE OF MALPOSITIONING OF THE ARM ON THE RADIOGRAPHIC RANGE OF MOTION MEASUREMENT

Julien CHAPLEAU, Pierre-Yves LAGACÉ, Fanny CANET, Nicola HAGEMEISTER, Dominique ROULEAU (CANADA)

15:30 - 16:00 *Break*

16:00 - 17:30 *Invited Lecture & Free Papers – Trauma: Non-Union*

Moderators:

Hitendra K. DOSHI (SINGAPORE), Yousef OTHMAN (JORDAN)

Invited Speaker **VAC-THERAPY IN POSTTRAUMATIC BONE AND SOFT TISSUE INFECTIONS**

Christian WILLY (NETHERLANDS)

32506 LIMB RECONSTRUCTION SYSTEM: A BOON FOR THE MANAGEMENT OF INFECTED NON-UNIONS OF FEMORA

Venugopal SHRINGARI MAHADEVAIAH, Jagadesh GUDARU (INDIA)

31591 AUTOLOGOUS FIBULAR STRUT GRAFT: OUR EXPERIENCE OF ITS VARIOUS INDICATIONS

Pradeep KAMBOJ, Zile KUNDU (INDIA)

30765 MANAGEMENT OF POSTTRAUMATIC LONG BONE DEFECTS COMPLICATED WITH OSTEOMYELITIS USING POLYLOCAL EXTRAFOCAL OSTEOSYNTHESIS METHOD

Mussa WARDAK (AFGHANISTAN)

- 31706 MANAGEMENT OF INFECTED CORTICOTOMY SITES IN BIFOCAL LENGTHENING OF INFECTED NON-UNION OF THE TIBIA**
Mohamed HOSNY, Gamal HOSNY (EGYPT)
- 31431 TREATMENT OF MASSIVE TIBIAL BONE LOSS AFTER OSTEOMYELITIS BY MEDIAL FIBULAR TRANSPORT**
Kamal EL-GAFARY, Wael EL-ADLY (EGYPT)
- 32068 COMPLEX TREATMENT OF LONG BONES OSTEOMYELITIS WITH SOFT TISSUE AND DIAPHYSEAL DEFECTS**
Levan TAVBERIDZE, Alexander KALANTAROV, Konstantin MATITASHVILI, Nikoloz TAVBERIDZE (GEORGIA)
- 32607 RECONSTRUCTION OF SKELETAL DEFECTS DUE TO OSTEOMYELITIS WITH NON-VASCULARIZED FIBULAR GRAFT IN 15 CHILDREN LESS THAN 10 YEARS – OUR SURGICAL EXPERIENCE**
Vijay GONI, Nirmalraj GOPINATHAN, Sudesh PEBAM, Shashidhar KANTHARAJANNA, Kishan BHAGWAT (INDIA)
- 32950 TREATMENT OF INFECTED NON-UNION OF FOREARM BONES BY RING EXTERNAL FIXATOR**
Ayman EBIED (EGYPT)
- 31928 NON-UNION – 25 YEARS COMPRESSION DISTRACTION METHOD**
Nedzad SABIC, E. SABIC (BOSNIA)

Friday, 30 November
Sheikh Rashid Hall B

08:30 - 10:00 *Free Papers – Research: Biomaterials V*

Moderators:

Mohamed FADEL (EGYPT), Maximilian RUDERT (GERMANY)

- 32970 THE NORMAL ISCHIOFEMORAL DISTANCE AND ITS VARIATIONS**
Ihab HUJAZI, Sim JOHAL, Thomas JONES, Graciela MUNIZ
TERRERA, Philip BEARCROFT, Vikas KHANDUJA (UNITED
KINGDOM)
- 32474 PELVIC TILT AND ACETABULAR ORIENTATION: CAN THE EFFECT
BE QUANTIFIED?**
Saif UL ISLAM, Wael DANDACHLI, Johan WITT (UNITED KINGDOM)
- 31682 STANDARDIZED AP RADIOGRAPHS WERE NOT A RELIABLE
DIAGNOSTIC MEASURE FOR THE ASSESSMENT OF ACETABULAR
RETROVERSION**
Georgi I. WASSILEW, Viktor JANZ, Markus HELLER, Carsten PERKA
(GERMANY)
- 30993 REMOTE POSTCONDITIONING ATTENUATES ISCHEMIC-
REPERFUSION INJURY IN RAT SKELETAL MUSCLE**
Joong Woong PARK, Jung Il LEE, Young Hwan KIM (SOUTH KOREA)
- 30956 THE USE OF CORTICAL DEMINERALISED BONE MATRIX (DBM)
FOR REPAIR AND AUGMENTATION OF PATELLAR TENDON;
CADAVERIC STUDY**
Sherif ELNIKETY, Catherine PENDEGRASS, Gordon BLUNN (UNITED
KINGDOM)
- 30822 ROLE OF STEM CELLS IN FRACTURE GAP NON-UNION – AN
EXPERIMENTAL STUDY**
Satish GOEL, Senthil KUMAR (INDIA)
- 31153 EFFECTIVENESS OF ARTHROSCOPIC SUBACROMIAL
DECOMPRESSION IN PATIENTS WITH SUBACROMIAL
IMPINGEMENT SYNDROME**
Rahul BHATTACHARYYA, William Angus WALLACE (UNITED
KINGDOM)
- 31189 QUANTITATIVE ANALYSIS OF THE PULLOUT STRENGTH OF THE
MISPLACED PEDICLE SCREWS IN THE THORACIC AND LUMBAR
VERTEBRA**
Shyam Kumar SARAF, Ravindra Pratap SINGH, Vakil SINGH (INDIA)

10:00 - 10:30 *Break*

10:30 - 12:00 *Free Papers – Research: Biomaterials VI*

Moderators:

Marko PECINA (CROATIA), Kelvin YEUNG (HONG KONG)

33191 EVALUATION OF ACHILLES TENDON REPAIR ENHANCED WITH AMNIOTIC MEMBRANE-DERIVED ALLOGRAFTS

Neil SHAH, Anthony CATANZANO, Nadeen CHAHINE, Pasquale RAZZANO, Daniel GRANDE (UNITED STATES)

33119 MUSCULOSKELETAL ALLOGRAFT TISSUE: BACTERIAL CONTAMINATION AND ADVERSE REACTIONS IN REGIONAL TISSUE BANK OF MILAN

Clara TERZAGHI, Alessia LONGO, Fortunato MORRONE, Luca BULGARELLI, Maristella FARÈ (ITALY)

32553 COMPUTER AIDED CUSTOMIZED CREATION OF POROUS IMPLANTS

Sebastian DE BOODT, Erik BOELEN, Peter VERSCHUEREN (BELGIUM)

31794 A NOVEL BIODEGRADABLE POLYMER MEMBRANE TO CONTROL THE DEGRADATION OF MG-BASED METALLIC BIOMATERIAL FOR ORTHOPAEDIC IMPLANTATION

Kelvin YEUNG, Hoi Man WONG, Paul CHU, Kenneth CHEUNG, Keith LUK (HONG KONG)

31784 IN-VIVO EFFECTS OF MICRO-ARC OXIDATION ON MAGNESIUM-BASED IMPLANTS

Stefan FISCHERAUER¹, Tanja KRAUS¹, Elisabeth MARTINELLI¹, Karin PICHLER¹, Xujun WU¹, Peter UGGOWITZER², Annelie WEINBERG¹
¹(AUSTRIA), ²(SWITZERLAND)

31681 EARLY BONE IN-GROWTH ABILITY OF COBALT-CHROMIUM BASED ALLOY IMPLANTS LOADED WITH TISSUE-ENGINEERED BONE

Munehiro OGAWA, Yasuaki TOHMA, Hajime OHGUSHI, Kota UEMATSU, Yusuke INAGAKI, Tatsuya SAKAMOTO, Koichi AKIYAMA, Kenji KAWATE, Yasuhito TANAKA (JAPAN)

31677 EXPERIMENTAL AND CLINICAL RATIONALE FOR THE USE OF THE MATERIAL COLLAPAN AND PLATELET-RICH PLASMA TO ENHANCE THE REPARATIVE OSTEOGENESIS

Gennady BERCHENKO, GURGEN KESYAN, Rashid URAZGILDEEV, David MIKELAISHVILI (RUSSIA)

31446 EFFECT OF BONE MORPHOGENETIC PROTEIN, GRANULOCYTE – COLONY STIMULATING FACTOR & BONE MARROW STEM CELLS ON FRACTURE HEALING IN RATS WITH OSTEOPOROSIS – A COMPARATIVE STUDY

Kishan BHAGWAT, Vijay GONI, Bikash MEDHI, Ashim DAS, M. THUNGAPATHRA (INDIA)

31410 THE OSTEOGENESIS OF BACTERIAL CELLULOSE SCAFFOLD LOADED WITH BONE MORPHOGENETIC PROTEIN-2

Qin SHI, Yang LI, Huilin YANG, Jianwu DAI (CHINA)

30845 INCREASED BONE FORMATION IN A PORCINE CRITICAL SIZE DEFECT WHEN USING HYALURONIC ACID AND TCP COATED POLYCAPROLACTONE SCAFFOLDS SEEDED WITH AUTOLOGOUS DENTAL PULP STEM CELLS

Jonas JENSEN, Claus TVEDESOE, Muwan CHEN, David Christian Evar KRAFT, Jens Vinge NYGAARD, Asger KRISTIANSEN, Jorgen BAAS, Cody BÜNGER (DENMARK)

12:00 - 12:30 *Lunch break*

12:30 - 13:30 **SICOT General Assembly**

13:30 - 14:00 *Lunch break*

14:00 - 15:30 **No session**

15:30 - 16:00 *Break*

16:00 - 17:30 **Mini Symposium & Free Papers – Sports Traumatology: Platelet Rich Plasma - Fact or Fiction**

Moderators:

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

Invited Speaker **THE SCIENCE AND USE OF PRP IN THE KNEE**
Ramon CUGAT (SPAIN)

Invited Speaker **PRP AND ORTHOBIOLOGICS IN THE SHOULDER**
Stephen ABELOW (UNITED STATES)

- 32880 DOES ULTRASOUND-GUIDED STEROID INJECTION ALTER THE OUTCOME OF REFRACTORY TENNIS AND GOLFERS' ELBOWS?**
Hawar AKRAWI, Amr ELKHOLEY, Victoria ALLGER, Jacob DER TAVITAIN, Christopher SHAW (UNITED KINGDOM)
- 32410 COMPARISON OF SHORT-TERM RESULTS OF SINGLE INJECTION OF AUTOLOGOUS BLOOD AND STEROID INJECTION IN TENNIS ELBOW: A PROSPECTIVE RANDOMIZED TRIAL**
Nipun JINDAL, Yusuf GAURY, Ramesh BANSHIWAL (INDIA)
- 32807 SURGICAL DECOMPRESSION OF ACHILLES TENDON FOR TREATMENT OF NON-INSERTIONAL ACHILLES TENDINOPATHY – RESULTS IN A SERIES OF PROFESSIONAL FOOTBALLERS**
Vishwajeet KUMAR, Khalid S. KHAN, Michael KARSKI, John P. HODGKINSON (UNITED KINGDOM)
- 32584 A COMPARISON OF POST INJECTION PROTOCOLS AFTER INTRATENDINOUS ACHILLES PLATELET RICH PLASMA INJECTIONS: A CADAVERIC STUDY**
Johannes WIEGERINCK, Suzan DE JONGE, Milko DE JONGE, Gino KERKHOFFS, Jan VERHAAR, C. Niek VAN DIJK (NETHERLANDS)
- 31604 THE ROLE OF PLATELETS IN ACHILLES TENDON TREATMENTS – A SYSTEMATIC REVIEW AND META-ANALYSIS OF IN VIVO TRIALS**
Patrick VAVKEN¹, Patrick SADOOGHI², Claudio ROSSO¹, Victor VALDERRABANO¹, Andreas LEITHNER²
¹(SWITZERLAND), ²(AUSTRIA)
- 30910 EFFECTIVENESS OF RADIAL SHOCK WAVE TREATMENT OR TISSUE-SPECIFIC PLANTAR FASCIA-STRETCHING IN PATIENTS WITH CHRONIC PLANTAR HEEL PAIN**
Jan-Dirk ROMPE (GERMANY)

Friday, 30 November
Sheikh Rashid Hall C

08:30 - 10:00 *Symposium – Spine: Thoracolumbar Fractures*

Moderator:

Cody BÜNGER (DENMARK)

CLASSIFICATION OF THORACOLUMBAR FRACTURES – USE AND LIMITATIONS

Keith LUK (HONG KONG)

CASE PRESENTATION OF A BURST FRACTURE

Cody BÜNGER (DENMARK)

I WILL CONSERVE

Shanmuganathan RAJASEKARAN (INDIA)

I WILL OPERATE

(to be confirmed)

CHOOSING BETWEEN ANTERIOR AND POSTERIOR PROCEDURES

Lars Rune HEDLUND (SWEDEN)

SPINAL CORD REGENERATION – REALITY OR DREAM?

K.V. MENON (INDIA)

10:00 - 10:30 *Break*

10:30 - 12:00 *Symposium – Spine: Spinal Infections*

Moderator:

Shanmuganathan RAJASEKARAN (INDIA)

CURRENT CONCEPTS IN DRUG THERAPY IN SPINAL TUBERCULOSIS

Anil JAIN (INDIA)

THE PROBLEM OF DEFORMITY IN CHILDHOOD SPINAL TUBERCULOSIS

Shanmuganathan RAJASEKARAN (INDIA)

MANAGEMENT OF TB KYPHOSIS

(to be confirmed)

PYOGENIC INFECTIONS OF SPINE

K.V. MENON (INDIA)

IMPLANT-RELATED INFECTIONS – MANAGEMENT

Lars Rune HEDLUND (SWEDEN)

12:00 - 14:00 *Lunch break*

14:00 - 15:30 *Instructional Course – Spine: Scoliosis & Listhesis*

Moderator:

Keith Dip-Kei LUK (HONG KONG)

**CLINICO-RADIOLOGICAL ASSESSMENT OF ADOLESCENT
IDIOPATHIC SCOLIOSIS**

(to be confirmed)

LENKE’S CLASSIFICATION – PROS AND CONS

Keith Dip-Kei LUK (HONG KONG)

SELECTION OF FUSION LEVELS

K.V. MENON (INDIA)

**AVOIDING AND MANAGING NEUROLOGICAL PROBLEMS IN
SCOLIOSIS SURGERY**

Cody BÜNGER (DENMARK)

MANAGING HIGH-GRADE SPONDYLOLISTHESIS

John DORMANS (UNITED STATES)

15:30 - 16:00 *Break*

16:00 - 17:30 *Free Papers – Miscellaneous: Infection & Tuberculosis*

Moderators:

Gholam SHAHCHERAGHI (CANADA), Wahab YINUSA (NIGERIA)

**33054 DIAGNOSIS OF SKELETAL TUBERCULOSIS BY ESTIMATION OF
MTB SPECIFIC ANTIGENS AND ANTIBODIES IN SERUM BY ELISA-
BASED TESTS**

Nitesh GAHLOT, Aditya AGGARWAL, Indu VERMA, Uttam SAINI
(INDIA)

32761 TUBERCULOSIS OF THE SHOULDER JOINT

Abdelkarim RHANIM, Fayçal DLIMI, Mustapha MAHFOUD, Abdou
LAHLOU, Moradh EL YAACOUBI (MOROCCO)

- 32604 TUBERCULOSIS OF THE ELBOW: A CLINICO-RADIOLOGICAL ANALYSIS**
Vikas BACHHAL, Mandeep DHILLON, Sharad PRABHAKAR, Vishal KUMAR, Gaurav SAINI (INDIA)
- 32592 TUBERCULOSIS OF THE MIDFOOT – A REVIEW OF 10 CASES**
Vipul VIJAY, Anil MEHTANI, Alok SUD, Vineet TYAGI (INDIA)
- 32594 TUBERCULOSIS PRESENTING AS AN OSTEOLYTIC BONY LESION IN THE FOOT**
Vikas BACHHAL, Mandeep DHILLON, Sameer AGGARWAL, Sharad PRABHAKAR, Gaurav SAINI (INDIA)
- 32232 LIMITED POSTERIOR DECOMPRESSION AND TRANSPEDICULAR FIXATION FOR TREATMENT OF POTT'S PARAPLEGIAS INVOLVING THORACOLUMBAR SPINE**
Madan Mohan SAHOO, Sudhir MAHAPATRA, Gopal Chandra SETHI (INDIA)
- 31490 TUBERCULOSIS OF SACROILIAC JOINT EARLY DIAGNOSIS AND TREATMENT**
Radheshyam SAMENT (INDIA)
- 31401 SACROILIAC JOINT TUBERCULOSIS: A REVIEW OF 20 CASES**
Tarun GOYAL, Sujit K. TRIPATHY, Ramesh K. SEN (INDIA)

Friday, 30 November Sheikh Rashid Hall D

08:30 - 10:00 *Free Papers – Trauma: Hip I*

Moderators:

László BUCSI (HUNGARY), Mohammed DARWISH (OMAN)

- 33180** **OUTCOME OF FIXATION OF PERIPROSTHETIC FEMORAL FRACTURES USING A NEW GENERATION CABLE PLATE SYSTEM**
Mathias NAGY, Geraint WILLIAMS, Raman BOHRA, Derek PEGG (UNITED KINGDOM)
- 31059** **MONITORING EARLY WARNING SCORES IN PATIENTS WITH NECK OF FEMUR FRACTURES**
Tejas Kiran YARASHI, Ravi BADGE, Rama MOHAN (UNITED KINGDOM)
- 30768** **DYNAMIC HIP SCREWS VERSUS CEPHALOCONDYLIC INTRAMEDULLARY NAILS FOR UNSTABLE EXTRACAPSULAR HIP FRACTURES IN 2012: A SYSTEMATIC REVIEW OF RANDOMIZED TRIALS**
Akash PATEL, Amarjit ANAND, Bobby ANAND, Mahbub ALAM (UNITED KINGDOM)
- 30769** **CHOICE OF IMPLANT IN INTERTROCHANTERIC AND SUBTROCHANTERIC FRACTURES OF THE FEMUR**
Kartikey GUPTA (INDIA)
- 32897** **IMPLANT SELECTION IN SUBTROCHANTERIC FRACTURES: STILL A DILEMMA**
B.K. DINAKAR RAI, Chittaranjan KARUPPANAN, Ramakrishna YELURI (INDIA)
- 32484** **PROXIMAL FEMORAL NAIL ANTIROTATION (PFNA) VERSUS ANTIROTATION TROCHANTERIC NAIL (ATN): A COMPARATIVE STUDY FOR THE TREATMENT OF PERITROCHANTERIC FRACTURES IN ELDERLY PATIENTS**
Mert KUMBARACI, Levent KARAPINAR, Hasan KARAPINAR, Ahmet KAYA, Mustafa INCESU, Fatih SURENKOK, Hasan OZTURK (TURKEY)
- 32338** **IDEAL MODALITY OF TREATMENT OF PROXIMAL FEMORAL FRACTURES IN ELDERLY OSTEOPOROTIC PATIENTS – PROXIMAL FEMORAL NAILING VS CEMENTED BIPOLAR HEMIARTHROPLASTY – 40 CASES**
Rahul MEHTA, Samar BISWAS, Rahul SALUNKHE (INDIA)

- 31375 APPLICATION OF THE MODIFIED DIMON HUGHSTON OSTEOTOMY IN THE MANAGEMENT OF UNSTABLE COMMINUTED PERTROCHANTERIC HIP FRACTURES**
Riazuddin MOHAMMED¹, Sreenivasulu METIKALA²
¹(UNITED KINGDOM), ²(INDIA)
- 32259 VALGUS OSTEOTOMY COMBINED WITH FIBULAR GRAFT IN NEGLECTED FRACTURE OF NECK OF FEMUR**
Wasudeo GADEGONE, Vijayanand LOKANDE (INDIA)
- 31644 MUSCLE PEDICLE PERIOSTEAL GRAFTING FOR THE TREATMENT OF THE NON-UNION OF THE FEMORAL NECK**
Ajay GUPTA (INDIA)
- 32076 CERCLAGES IN PERI-IMPLANT FRACTURES ABOUT THE TIP OF GAMMA NAIL – AN ALTERNATIVE PROCEDURE?**
Gerrit MATTHES, Christian IRMER, Uli SCHMUCKER, Michael WICH, Axel EKKERNKAMP (GERMANY)

10:00 - 10:30 *Break*

10:30 - 12:00 *Free Papers – Trauma: Hip II*

Moderators:

Horia-Bogdan ORBAN (ROMANIA), Mohamed SAEED (SUDAN)

- 33081 TREATMENT OF HIP FRACTURES USING A MINIMAL INVASIVE APPROACH FOR BIPOLAR ARTHROPLASTY – A RANDOMIZED TRIAL**
Benjamin KIENAST, Nouredine BAHRI, Arndt Peter SCHULZ, Martin WURM, Christian JUERGENS (GERMANY)
- 32833 UNIPOLAR MODULAR EXETER HEMIARTHROPLASTY REDUCES LENGTH OF STAY AND ALLOWS FASTER REHABILITATION AFTER HIP FRACTURE; A RETROSPECTIVE STUDY OF 117 PATIENTS**
Edward LINDISFARNE, Edward DAWE, Stuart WHITE, Stephen NICOL, Philip STOTT (UNITED KINGDOM)
- 32803 COMPARISON OF 1-YEAR OUTCOMES OF TOTAL HIP REPLACEMENT, HEMIARTHROPLASTY AND INTERNAL FIXATION FOR DISPLACED INTRACAPSULAR NECK OF FEMUR FRACTURES**
Al-Amin KASSAM, Tom BALL, Matthew HUBBLE, Jonathan HOWELL (UNITED KINGDOM)
- 32503 SURVIVABILITY OF A CANNULATED HIP PROSTHESIS IN ELDERLY PATIENTS WITH A COMPLEX PROXIMAL FEMORAL FRACTURE**
Jeffrey LAU¹, Ki Wai Kevin HO², Shahzad SADIQ¹
¹(UNITED KINGDOM), ²(HONG KONG)

- 32359 COMPARISON OF HEMIARTHROPLASTY AND INTERNAL FIXATION FOR THE TREATMENT OF UNSTABLE INTERTROCHANTERIC FRACTURES OF THE FEMUR IN ELDERLY PATIENTS**
Erdal CILA, Aykin SIMSEK, Ahmet YILDIRIM, Alpaslan SENKOYLU (TURKEY)
- 32061 OUTCOMES OF TOTAL HIP ARTHROPLASTY FOR HIP FRACTURE: A COMPARISON TO ELECTIVE HIP ARTHROPLASTY**
Amanda KING, Thomas BOWERS, Ben HICKEY, Antony JOHANSEN, Alun JOHN, Stephen JONES (UNITED KINGDOM)
- 32673 INTRAMEDULLARY FIXATION FOR UNSTABLE TROCHANTERIC FRACTURES; 2 SCREWS OR HELICAL BLADE – A PROSPECTIVE TRIAL**
Ashok GAVASKAR, Naveen TUMMALA, Muthukumar SUBRAMANIAN (INDIA)
- 32650 TRAUMATIC DISLOCATIONS OF HIP: LONG-TERM FOLLOW-UP STUDY**
Uttam Chand SAINI, Sushil RANGDAL, Nitesh GAHLOT, Ashwani SONI, Sameer AGGARWAL, Ramesh SEN (INDIA)
- 32614 MIDTERM MORTALITY AND MORBIDITY OF FRACTURED NECK OF FEMUR SRI LANKAN PATIENTS – WITH A COMPARISON TO SOUTH ASIAN AND REGIONAL DATA**
Chandana KARUNATHILAKA¹, Narendra PINTO¹, Ramesh THALAVA², Kalana RATHNAYAKA¹, Chandima NANAYAKKARA¹, Jayalal CHANDRASIRI¹
¹(SRI LANKA), ²(UNITED KINGDOM)
- 32213 AUGMENTED OSTEOSYNTHESIS FOR FEMORAL HEAD PRESERVATION IN NON-UNION OF FEMORAL NECK FRACTURES IN CHILDREN AND YOUNG ADULTS (OUR EXPERIENCE)**
Jaswinder SINGH, Puneet MISHRA, Ashish RUSTAGI, Shobha ARORA (INDIA)
- 30847 CLOSING LATERAL WEDGE VALGUS OSTEOTOMY WITH DYNAMIC HIP SCREW FOR THE TREATMENT OF VARUS NON-UNION OF PERTROCHANTERIC FRACTURE: CAN RESTORATION OF BIOMECHANICS AND STABILIZATION ALONE HEAL?**
Dinesh CHOUDARY, Pandian SELVARAJ (INDIA)

12:00 - 14:00 *Lunch break*

14:00 - 15:30

Free Papers – Trauma: Acetabular Fractures

Moderators:

Mohammed AL KHAYARIN (QATAR), Franz BURNY (BELGIUM)

- 32738 OSTEOPHYTE COLLAR DEVELOPMENT AT THE FEMORAL HEAD/NECK JUNCTION FOLLOWING ACETABULAR FRACTURES**
Onur BERBER, Gorav DATTA, Julian FOOTE, Sanjeev SABHARWAL, Martin BIRCHER (UNITED KINGDOM)
- 32724 WHICH IS BETTER: THE MODIFIED STOPPA OR THE ILIO-INGUINAL APPROACH?**
Abdullah HAMMAD (EGYPT)
- 32678 PROGNOSIS OF UNSATISFACTORY OUTCOMES AFTER OSTEOSYNTHESIS OF ACETABULAR FRACTURES**
Victor VOLOSHIN, Anatoliy GALKIN, Dmitry MARTYENKO, Saravanan ARUMUGAM (RUSSIA)
- 32502 RISK FACTORS OF VENOUS THROMBOEMBOLISM IN ASIAN PATIENTS WITH PELVIC-ACETABULAR TRAUMA**
Sameer AGGARWAL, Ramesh SEN, Vishal KUMAR (INDIA)
- 32345 FUNCTIONAL OUTCOME OF SURGICAL FIXATION OF ACETABULAR FRACTURES – A PROSPECTIVE STUDY OF 31 PATIENTS WITH 3 YEARS FOLLOW-UP**
Sandeep Ramesh BIRARIS, Jose Thomas PAPPANACHERRY (INDIA)
- 32223 COMMUNUTED QUADRILATERAL PLATE FRACTURE FIXATION THROUGH THE ILIOFEMORAL APPROACH**
Sujit Kumar TRIPATHY, Ramesh Kumar SEN, Sameer AGGARWAL (INDIA)
- 32142 BUTTRESS SCREW FIXATION OF THE QUADRILATERAL PLATE IN ACETABULAR FRACTURES**
Mahmoud Mohamed ABDEL KARIM, Ahmed Hazem ABDEL-AZEEM, Mohamed YOUNIS (EGYPT)
- 31891 DETERMINANTS OF OUTCOME AFTER ACETABULAR FRACTURE FIXATION: STUDY OF 102 CASES WITH MINIMUM 2-YEAR FOLLOW-UP**
Lokesh VEERAPPA (INDIA)
- 31719 A NEW MINI-OPEN APPROACH FOR REDUCTION OF ANTERIORLY DISPLACED ACETABULAR FRACTURES**
Osama FAROUK, Ayman KAMAL, Mahmoud BADRAN, Wael EL-ADLY, Kamal EL-GAFARY (EGYPT)

31231 COMBINED FIXATION AND ACUTE TOTAL HIP REPLACEMENT FOR ELDERLY PATIENTS WITH ACETABULAR FRACTURES

Enes KANLIC, Amr ABDELGAWAD, David MAXFIELD, Tran SUNYU (UNITED STATES)

30801 ACETABULAR FRACTURE RESULTS IN SIGNIFICANT FEMORAL HEAD INJURY: MRI FINDINGS AT THE TIME OF INJURY

Christine KIERNAN, Joseph QUEALLY, S. HENARI, Paul MAGIL, William TORREGIANI, John P. MCELWAIN, Seamus MORRIS (IRELAND)

15:30 - 16:00 *Break*

16:00 - 17:30

Free Papers – Trauma: Distal Femur, Floating Knee & Proximal Tibia

Moderator:

Philipp AHRENS (GERMANY)

33093 OSTEOSYNTHESIS OF TIBIAL PLATEAU FRACTURES ASSISTED BY ARTHROSCOPY – A RETROSPECTIVE STUDY OF 40 PATIENTS

Noureddine BAHRI¹, Mounir HAMDI², Slim KCHELFI², Sakr KEHLIL², Khalil AMRI², Lotfi NOUISSRI²
¹(GERMANY), ²(TUNISIA)

32597 A COMPARATIVE STUDY BETWEEN ILIZAROV FIXATION VERSUS OPEN REDUCTION AND INTERNAL FIXATION FOR COMPLEX PLATEAU FRACTURES

Mohamed AWAD, Waleed ARAFAT, Nehad MAHBOUB (EGYPT)

32589 FUNCTIONAL OUTCOMES OF SEVERE BICONDYLAR TIBIAL PLATEAU FRACTURES TREATED WITH DUAL INCISIONS

Neogi DEVDATTA, Shivanand BANDEKAR, Lokesh CHAWLA (INDIA)

31553 SURGICAL ASPECTS OF POSTERIOR AREA OF PROXIMAL TIBIA FRACTURES TREATMENT

Evgeny MALYSHEV, Andrey KOPYLOV, Sergey BLINOV (RUSSIA)

30807 BALLOON OSTEOPLASTY – A NEW TECHNIQUE TO STABILIZE DEPRESSION FRACTURES OF THE TIBIAL PLATEAU: A CADAVER STUDY AND FIRST CLINICAL APPLICATION

Philipp AHRENS, Gunther SANDMANN, Thomas FREUDE, Peter BIBERTHALER (GERMANY)

31472 KNEE RECOVERY AFTER TIBIAL PLATEAU FRACTURES

Manoj MITTAL, Keshav GUPTA (INDIA)

31018 FLOATING KNEE INJURIES: REVIEW OF RESULTS IN 88 CASES

Sunil Vishnu PATIL, Nagesh Prabhakar NAIK (INDIA)

- 32481 EXPERIENCE WITH LOCKED PLATING OF IMPLANT-STABLE SUPRACONDYLAR PERIPROSTHETIC FEMORAL FRACTURES: IS THERE A ROLE OF BIOLOGICAL FIXATION? RESULTS IN 21 CASES**
Rajiv THUKRAL, Sanjiv Kumar Singh MARYA (INDIA)
- 31328 INTERPROSTHETIC FEMORAL FRACTURES FOLLOWING IPSILATERAL HIP AND KNEE ARTHROPLASTY – MANAGEMENT AND OUTCOME**
Rupert SCHUSTER, Patrick PLATZER, Gerhild THALHAMMER, Ines VIELGUT, Julia KOETTSTORFER, Johannes LEITGEB, Silke ALDRIAN (AUSTRIA)

Friday, 30 November

Dubai A & B

08:30 - 10:00

Free Papers – Tumours: Pathology & Alternative Treatments

Moderator:

Thamer A. HAMDAN (IRAQ)

- 32781 SQUAMOUS CELL CARCINOMA ARISING FROM CHRONIC OSTEOMYELITIS: ABOUT 9 CLINICAL CASES**
Abdelkarim RHANIM, Fayçal DLIMI, Mustapha MAHFOUD, Mohamed Saleh BERRADA, Moradh EL YAACOUBI (MOROCCO)
- 32683 DELAYED RECURRENT GIANT CELL TUMOR: A DIFFERENT ENTITY & THERAPEUTIC CHALLENGE**
Ashok KUMAR¹, Shah Alam KHAN², Shishir RASTOGI²
¹(UNITED ARAB EMIRATES), ²(INDIA)
- 32616 CALCANEAL BONE CYST – A DISTINCT CLINICAL ENTITY?: COMPARATIVE STUDY WITH SIMPLE BONE CYSTS OCCURRING IN LONG BONES**
Jun TAKADA, Manabu HOSHI, Naoto OEBISU, Masanari AONO, Makoto IEGUCHI, Masatsugu TAKAMI, Hiroaki NAKAMURA (JAPAN)
- 32612 PLASTIC SURGERY IN THE ONCOLOGY OF HAND**
Evgenij VARGANOV, Alexander BALAKHNIN (RUSSIA)
- 32082 MULTIPLE PERIPHERAL NERVE TUMORS: AN EXPERIENCE OVER 15 YEARS**
Grégoire CHICK (SWITZERLAND)
- 31139 STUDY OF 50 CASES OF SCAPULAR TUMOURS**
Vijay Kumar KHARIWAL (INDIA)
- 32391 CHANGING PATTERN OF PRIMARY MALIGNANT BONE LESIONS IN THE SOUTH OF IRAQ**
Thamer HAMDAN (IRAQ)
- 32241 SYNERGISTIC EFFECT OF COMBINATION TREATMENT WITH CAFFEINE AND VALPROIC ACID IN OSTEOSARCOMA**
Kentaro IGARASHI, Norio YAMAMOTO, Toshiharu SHIRAI, Katsuhiko HAYASHI, Hideji NISHIDA, Akihiko TAKEUCHI, Yoshikazu TANZAWA, Hiroaki KIMURA, Shinji MIWA, Hiroyuki INATANI, Shingo SHIMOZAKI, Hiroyuki TSUCHIYA (JAPAN)

30870 SECONDARY BONE LESIONS IN THE AFFECTED LIMB IN OSTEOSARCOMA (SKIP LESIONS), ITS CLASSIFICATION AND PROGNOSIS

Adel Refaat AHMED (EGYPT)

10:00 - 10:30 *Break*

10:30 - 12:00 *Free Papers – Miscellaneous: Osteoporosis*

Moderators:

Osama Ahmed FAROUK (EGYPT), Eduardo ZAMUDIO (CHILE)

33115 LOCKED PLATE FIXATION IN OSTEOPOROTIC HUMERAL SHAFT FRACTURES

Mohamed MORSY, Essam EL-SHERIF, Osama FAROUK, Aly KHALIL, Waleed SALEH (EGYPT)

32274 TREATMENT OF TROCHANTERIC FEMORAL FRACTURES WITH THE GAMMA3 NAIL – PRELIMINARY RESULTS OF A MONITORED INTERNATIONAL PROSPECTIVE CLINICAL FOLLOW-UP STUDY

Arndt P. SCHULZ, Erik WILDE, Nils REIMERS, Gerhard HEINRICH, Christian JÜRGENS (GERMANY)

32208 TREATMENT FOR OSTEOPOROSIS IN THE HIP FRACTURE

Kazuhiro SHINOHARA, Tatsuya TAMURA, Toru KOBAYASHI (JAPAN)

30941 SYSTEMATIC REVIEW OF TIP APEX DISTANCE (TAD) IN DYNAMIC HIP SCREW (DHS) FIXATION OF HIP FRACTURES

Imran Haruna ABDULKAREEM (UNITED KINGDOM)

31705 DUAL SLIDING SCREW SYSTEM TREATMENT FOR THE FEMORAL NECK FRACTURES IN THE ELDERLY

Kiyoshi HASEGAWA (JAPAN)

32588 NEW HOPE IN GERIATRIC TRAUMA? – INNOVATIVE INTRAMEDULLARY STABILIZATION BY MEANS OF A PHOTODYNAMIC POLYMER SYSTEM – INITIAL CLINICAL EXPERIENCE

Steffen HECK, Sascha GICK, Dietmar PENNIG (GERMANY)

32353 RELATIONSHIP BETWEEN STATE OF BONE TISSUE AND KNEE OSTEOARTHRITIS IN POSTMENOPAUSAL WOMEN

Nataliia GRYGORIEVA, Vladyslav POVOROZNYUK, Svyatoslava KROCHAK (UKRAINE)

- 31055 KYPHOPLASTY USING ‘PROPER TIME, LOW PRESSURE, SLOWLY, STAGED CEMENT INJECTION TECHNIQUE’ FOR THE TREATMENT OF OSTEOPOROTIC VERTEBRAL COMPRESSION FRACTURES**
Tao LIU, Huilin YANG (CHINA)
- 31053 KYPHOPLASTY FOR THE TREATMENT OF VERY SEVERE OSTEOPOROTIC VERTEBRAL COMPRESSION FRACTURES**
Sun ZHIYONG (CHINA)
- 33006 THE REVENGE OF THE OSTEOCLASTS: A NEW EPISODE FROM THE ZOLEDRONATE DRAMA**
Evandro PALACIO, Sergio MULLER, Jose GALBIATTI, Roberto MIZOBUCHI, Decio MORAES FILHO, Erika ORTOLAN (BRAZIL)
- 32358 EFFECT OF STRONTIUM RANELATE ON VERTEBRAL PAIN SYNDROME AND FUNCTIONAL ABILITIES IN POSTMENOPAUSAL WOMEN WITH SYSTEMIC OSTEOPOROSIS**
Vladyslav POVOROZNYUK, Nataliia DZEROVYCH, L. BONDARENCO, V. VERYCH, A. GNYLORYBOV, Halyna HRYTSENKO, Sergii KOSTERIN, O. KUHTEI, Dmytro RECALOV, Omelyan SYNENKII, S. TRUBINA, I. CHIZWIKOVA, Nataliia SHPILEVAYA, E. JASHINA (UKRAINE)

12:00 - 14:00 *Lunch break*

14:00 - 15:30 *Free Papers – Miscellaneous: Osteonecrosis*

Moderators:

Philippe HERNIGOU (FRANCE), Roger JAWISH (LEBANON)

- 32620 EARLY DIAGNOSIS OF OSTEONECROSIS USING MRI AND NUCLEAR SCAN IN POST-TRAUMATIC POSTERIOR DISLOCATION OF HIP**
Vijay GONI, Nirmalraj GOPINATHAN, Kishan BHAGWAT, Shashidhar KANTHARAJANNA, H.S. RAVIKUMAR (INDIA)
- 33023 MANAGEMENT OF NONTRAUMATIC OSTEONECROSIS OF THE FEMORAL HEAD USING IMPACTION BONE GRAFTING VIA A LIGHT BULB WINDOW THROUGH A SAFE SURGICAL DISLOCATION APPROACH**
Nabil ELMOGHAZI, Wael ELADL, Maged ELSHENNAWY (EGYPT)
- 31872 HIGH ENERGY EXTRACORPOREAL SHOCK WAVES THERAPY FOR NONTRAUMATIC OSTEONECROSIS OF THE FEMORAL HEAD. AT LEAST 5 YEARS’ FOLLOW-UPS**
Yuanqing MAO, Mengning YAN, Zhenan ZHU (CHINA)
- 31498 ANALYSIS OF TREATMENT OF OSTEONECROSIS OF FEMUR HEAD BY CORE DECOMPRESSION AND FIBULAR STRUT GRAFTING**

Prasad SORAGANVI¹, Naveen TAHASILDAR¹, R. RAMAKANTH¹,
Sujit Kumar TRIPATHY², Naresh SHETTY¹, B.K. SHASHIDHAR¹
¹(INDIA), ²(UNITED KINGDOM)

**30763 AVASCULAR NECROSIS OF THE FEMORAL HEAD TREATED WITH
TENSOR FASCIA LATA MUSCLE PEDICLE BONE GRAFT: LONG-
TERM RESULTS**

Rajat MALOT, Rakesh BHARGAVA (INDIA)

**31305 OUTCOME OF ORTHOPAEDIC COMPLICATIONS OF SICKLE CELL
DISEASES FROM A DISTRICT HOSPITAL**

Kenneth DAVID-WEST, Bob YELLOWE (NIGERIA)

**31211 OSTEONECROSIS AFTER CHEMOTHERAPY FOR BLOOD
MALIGNANCIES IN PEDIATRIC PATIENTS: ONE COMMUNITY'S
EXPERIENCE**

Khaled Hamed SALEM, Ann-Katrin BROCKERT, Wolf DRESCHER
(GERMANY)

**30943 TREATMENT OF FREIBERG'S DISEASE WITH MODIFIED WEIL'S
OSTEOTOMY: A CASE SERIES**

Kenneth DAVID-WEST, Aman KHAN (UNITED KINGDOM)

15:30 - 16:00 *Break*

16:00 - 17:30 *Free Papers – Miscellaneous: General Orthopaedics*

Moderator:

Shanmuganathan RAJASEKARAN (INDIA)

32979 BLAST TRAUMA ANALYSIS IN NATURAL DISASTERS

Fedor TURAKULOV (RUSSIA)

**31145 ORTHOPAEDIC ISSUES IN A WARZONE; EXPERIENCE FROM
AFGHANISTAN**

Emal WARDAK, Monir Ahmad AZIZI, Jawid AKHGAR, Haroon
HARMES (AFGHANISTAN)

**32951 THE INCIDENCE OF DEEP INCISIONAL SURGICAL SITE INFECTION
OF SPINAL SURGERY**

Yoshinori TAKAHASHI, Akihiro NAGAMACHI, Shunichi TOKI, Toru
ENDO (JAPAN)

**32476 MOVING BEYOND GUSTILO'S CLASSIFICATION – GANGA
HOSPITAL SCORE IN DECISION MAKING IN OPEN INJURIES**

Shanmuganathan RAJASEKARAN, J. DHEENADHAYALAN, P.

DHANASEKARA RAJA (INDIA)

- 32447 SERUM LACTATE AS PREDICTOR FOR DEVELOPMENT OF FAT EMBOLISM SYNDROME**
Shiva Prakash SHIVARA SHIVAPPA, Ramesh Kumar SEN (INDIA)
- 31600 INTERLEUKIN-6 AS AN EARLY MARKER IN FAT EMBOLISM SYNDROME – A CLINICAL STUDY**
Shiva Prakash SHIVARA SHIVAPPA, Ramesh Kumar SEN (INDIA)
- 32396 THE USE OF IONISING RADIATION IN THEATRES – ARE WE OVER EXPOSING OUR PATIENTS AS ORTHOPAEDIC SURGEONS?**
Catherine Anne LAMB, Nithin UNNIKRISHNAN (UNITED KINGDOM)
- 31876 DEEP VEIN THROMBOSIS INCIDENCE AFTER MAJOR LOWER LIMB SURGERY; IS THIS REALLY ALARMING?**
Rajesh DULANI, Suni NIKOSE, Pradeep SINGH, Sandeep SHRIVASTAVA (INDIA)
- 31068 EXTERNAL FIXATOR TO IM NAIL: CAN IT BE DONE IN SINGLE SURGERY?**
Shahab-Ud DIN, Faseeh SHAHAB (PAKISTAN)
- 32357 ORTHOPAEDIC DISABILITY AT THE END OF BONE AND JOINT DECADE: WHERE ARE WE?**
Sanjay JAIN (INDIA)
- 30860 DAY SURGERY IN TRAUMA AND ORTHOPAEDICS: THE POTENTIAL FOR COST SAVINGS AND CUTTING PATIENT LENGTH OF STAY IN HOSPITAL**
Rudraprasad BAIDYARAY, Hammad PARWAIZ, Alan NORRISH (UNITED KINGDOM)

Friday, 30 November
Dubai C & D

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 (SWEDEN)

**EXPERIENCE OF DOBBS CONSERVATIVE TECHNIQUE (REVERSED
PONSETI METHOD) FOR VERTICAL TALUS (MINI WORKSHOP
DEMONSTRATION WITH MODEL: HOW TO DO IT?)**

Yasser ELBATRAWY (EGYPT)

UPDATE FOR VERTICAL TALUS BY DOBBS TECHNIQUE

Stephanie BOEHM (SWEDEN)

PEDIATRIC FOOT IN CP

Patricia M. 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 *Instructional Course – Paediatrics: Trauma*

Moderator:

Patricia M. FUCS (BRAZIL)

POLYTRAUMA IN CHILDREN: WHAT TO DO

Hae-Ryong SONG (SOUTH KOREA)

**SUPRACONDYLAR HUMERUS FRACTURES: USUAL AND UNUSUAL
CASES**

George H. THOMPSON (UNITED STATES)

DIAPHYSEAL FEMUR FRACTURES IN CHILDREN: AGES AND TREATMENTS

Patricia M. FUCS (BRAZIL)

SPINE TRAUMA IN CHILDREN

John P. DORMANS (UNITED STATES)

LATE COMPLICATIONS IN CHILDREN'S FRACTURES

Gamal Ahmed HOSNY (EGYPT)

12:00 - 14:00 *Lunch break*

14:00 - 15:30 ***IFPOS (International Federation of Paediatric Orthopaedic Societies) Mini Symposium & Free Papers – Paediatrics: Leg Length Discrepancy & Miscellaneous***

Moderators:

Gamal Ahmed HOSNY (EGYPT), Hae-Ryong SONG (SOUTH KOREA)

Invited Speaker **COMPLICATIONS IN DDH MANAGEMENT**

Ashok Kumar JOHARI (INDIA)

Invited Speaker **DEFORMITY CORRECTION AND DIAGNOSIS OF SKELETAL DYSPLASIA**

Hae-Ryong SONG (SOUTH KOREA)

Invited Speaker **SURGICAL APPROACH IN OPEN REDUCTION OF DDH**

Kwang Won PARK (SOUTH KOREA)

32355 MANAGEMENT OF CONGENITAL PSEUDARTHROSIS OF TIBIA IN ADULTS: EARLY RESULTS

Nishant SINGH, Ruta KULKARNI, Govind KULKARNI (INDIA)

33009 MICROSURGICAL RECONSTRUCTION OF THE FOREARM IN CHILDREN

Anton GOVOROV, Sergey GOLYANA, Vladimir ZAVARUKHIN, Natalia AVDEYCHIK, Anatoly ORESHKOV, Andrey SAFONOV (RUSSIA)

31585 POSTERIOR AND ANTERIOR FEMORAL ROTATIONAL OSTEOTOMY IN CHILDREN

Aleh SAKALOUSKI (BELARUS)

31731 TELESCOPING VASCULARIZED FIBULAR GRAFT: A RELIABLE METHOD FOR TREATMENT OF NON-UNION WITH SEVERE SHORTENING

Mohammed KOTB (EGYPT)

30722 LONG-TERM RESULTS AFTER QUADRICEPSPLASTY FOR CONGENITAL DISLOCATION OF KNEE

Sakti DAS, Shankar GANESH, Sudhakar PRADHAN, Ram Narayan MOHANTY, Pabitra Kumar SAHOO (INDIA)

33016 DISTAL TIBIAL GROWTH ARREST FOLLOWING MENINGOCOCCAL SEPTICAEMIA; MANAGEMENT AND OUTCOME IN A SERIES OF SEVEN ANKLES

James BARNES, Fergal MONSELL, Andrew MCBRIDE, Ravi KIRUBANANDAN (UNITED KINGDOM)

15:30 - 16:00 *Break*

16:00 - 17:30

Symposium – Miscellaneous: Electronic Databases & Search Engines for Research

Moderators:

Fatih KUCUKDURMAZ (TURKEY), Mohamed SUKEIK (UNITED KINGDOM)

PUBMED AND GOOGLE IN LITERATURE SEARCH

Fatih KUCUKDURMAZ (TURKEY)

COCHRANE IN LITERATURE SEARCH

Mohamed SUKEIK (UNITED KINGDOM)

Friday, 30 November

Sheikh Rashid Hall F

08:30 - 10:00 *Focused Poster Session – Spine III*

Moderators:

Efe ARAS (DENMARK), Cody BÜNGER (DENMARK)

31164 CAN BI-SEGMENTAL NON-FUSION STABILIZATION MAKE UP FOR THE DISADVANTAGES OF RIGID SPINAL FUSION FOR UNSTABLE LUMBAR CANAL STENOSIS?

Tsubasa SAKAI, Hideki OHTA, Yoshiyuki MATSUMOTO, Yoshikazu NAKAYAMA, Yohei IGUCHI, Hiroataka KIDA, Yoshiharu TAKEMITSU (JAPAN)

31092 CIRCUMFERENTIAL DECOMPRESSION AND GLOBAL INSTRUMENTED FUSION USING LOCAL BONE GRAFTS THROUGH POSTEROLATERAL APPROACH FOR ACTIVE SPINAL TUBERCULOSIS

Dinesh CHOUDARY, Pandian SELVARAJ (INDIA)

30969 OUTCOME OF MINIMAL INVASIVE SPINE SURGERY AT PATIENTS ACCORDING TO SOMATOFORM DISORDER

Andreas VEIHELMANN, Tobias SORG (GERMANY)

32864 THE CONSERVATIVE TREATMENT OF STABLE UPPER CERVICAL SPINE FRACTURES IN CHILDREN

Tomaszewski RYSZARD, Gap ARTUR (POLAND)

32746 RELIABILITY OF THE COLUMN THEORY TO EVALUATE THORACOLUMBAR SPINAL INSTABILITY

Mohamed HOSNY, Tarek ALY (EGYPT)

32482 INTRAOPERATIVE ISO-C C-ARM BASED NAVIGATION IN CHALLENGING CERVICAL SPINE FIXATIONS

Shanmuganathan RAJASEKARAN, Kanna RISHI MUGESH, Ajoy P. SHETTY, (INDIA)

32255 ODONTOID FRACTURES: DIFFERENT OPTIONS OF SURGICAL TREATMENT

Mohamed GAMAL HASSAN, Ahmed SHAWKY (EGYPT)

32171 SEGMENTAL SPINE INSTRUMENTATION IN THORACOLUMBAR AND LUMBAR FRACTURES – 12 YEARS EXPERIENCE

Sofia FERNANDES, José FRAGA, Tiago BARBOSA, Frederic RAMALHO, Roberto COUTO, António MOREIRA, Vitor CAETANO (PORTUGAL)

31831 OUT OF HOURS MRI SCAN AND CONSULTANT TO CONSULTANT REFERRAL SYSTEM

Syed Ghafran Ali NAQVI, Kai TSANG, Karimunnisa GHORI, Elnasri AHMED (UNITED KINGDOM)

31808 VENTRAL AND DORSAL OPERATIVE INTERFERENCE UNDER OPERATIVE TREATMENT OF THE DAMAGES AND DISEASES OF THE SPINAL COLUMN

Sabyrbek DZHUMABEKOV (KYRGYZSTAN)

31327 SURGICAL VERSUS NON-OPERATIVE TREATMENT OF HADLEY TYPE IIA ODONTOID FRACTURES

Patrick PLATZER, Gerhild THALHAMMER, Julia KOETTSTORFER, Ines VIELGUT, Silke ALDRIAN (AUSTRIA)

10:00 - 10:30 *Break*

10:30 - 12:00 **Focused Poster Session – Miscellaneous: Trauma & Sports Traumatology**

Moderators:

Stig HEIR (NORWAY), Christina KABBASH (UNITED ARAB EMIRATES)

31155 ROLE OF GENERALISED JOINT LAXITY IN ACL TEARS

Raju VAISHYA (INDIA)

31063 ANTERIOR KNEE PAIN AND SENSIBILITY DEFICITS AFTER ACL RECONSTRUCTION

João Pedro OLIVEIRA, Fernando FONSECA, José Carlos NORONHA (PORTUGAL)

30958 STANDARDISED TRANSTIBIAL ACL RECONSTRUCTION TECHNIQUE CAN RESULT IN HIGH REPRODUCIBILITY RATE OF THE OPTIMAL FEMORAL TUNNEL POSITION: RADIOGRAPHIC REVIEW

Sherif ELNIKETY, Moataz EL-HUSSEINY, Tamer KAMAL, Marian GRIGORAS, Gautam TALAWADEKAR, Chan JEER (UNITED KINGDOM)

30902 LONG-TERM RESULTS WITH THE MODIFIED PERCUTANEOUS ACHILLES TENDON REPAIR UNDER LOCAL ANESTHESIA

Andrej CRETNIK (SLOVENIA)

30788 VALIDITY OF A PHYSICAL EXAMINATION TECHNIQUE (EGE'S TEST) IN THE DETECTION OF MENISCAL TEARS IN COMPARISON WITH ARTHROSCOPIC FINDINGS

Ai GAMBOA (PHILIPPINES)

- 30751 SWELLING AROUND BIOABSORBABLE INTERFERENCE SCREW FOLLOWING ACL RECONSTRUCTION – A CASE SERIES**
Syed HAQUE, M. UMAR, S. SUNDARARAJAN (UNITED KINGDOM)
- 33187 ACL-RECONSTRUCTED KNEES DERIVED FROM CROSS COUNTRY SKIING HAD HIGHER AMOUNTS OF ADDITIONAL LIGAMENT INJURIES THAN THOSE FROM OTHER SPORTS**
Stig HEIR (NORWAY)
- 32694 OPEN WEDGE HIGH TIBIAL OSTEOTOMY FOR MEDIAL COMPARTMENT OSTEOARTHRITIS**
Amr DARWISH, Sameh MAREI, Ayman EBIED (EGYPT)
- 33040 ANATOMY OF THE TIBIOFIBULAR SYNDESMOSIS**
Ahmed MAGAN¹, Pau GOLANO², Nicola MAFFULLI¹, Vikas KHANDUJA¹
¹(UNITED KINGDOM), ²(UNITED STATES)
- 32821 TREATMENT OF THE FRACTURES OF THE BASE OF 5TH METATARSAL BONE**
Marius CALCIU (UNITED KINGDOM)
- 32540 ROLE OF US/MRI IN DIAGNOSING MORTON NEUROMA**
Ishrat Azam KHAN, Ali FAZAL (UNITED KINGDOM)
- 32515 THE HINDFOOT ARTHRODESIS NAIL – FIRST CLINICAL EXPERIENCES AND OUTCOMES**
Christina KABBASH¹, Andrew SANDS², Stefan RAMMELT³, Jan LJUNGQVIST⁴
¹(UNITED ARAB EMIRATES), ²(UNITED STATES), ³(GERMANY), ⁴(SWITZERLAND)
- 32147 ANKLE DISTRACTION AS A RELIABLE ALTERNATIVE IN ADVANCED POST-TRAUMATIC ANKLE ARTHRITIS IN YOUNG ADULTS – A PROSPECTIVE STUDY WITH FUNCTIONAL OUTCOMES**
Hisham SHALABY (UNITED KINGDOM)
- 31182 ANKLE INJURIES REQUIRING EMERGENCY MANIPULATION. IS IT TIME TO CHANGE THE MINDSET?**
Graham HASTIE, Saqib JAVED, Yazan KHALID, Aamir ZUBAIRY (UNITED KINGDOM)
- 30959 DELAYS IN THE TIMING OF UNSTABLE ANKLE FRACTURE FIXATION**
Alexander YOUNG (UNITED KINGDOM)

12:00 - 14:00 *Lunch break*

14:00 - 15:30

Focused Poster Session – Miscellaneous: Infection & Research

Moderator:

Ashok Kumar JOHARI (INDIA)

- 33161 LATE STREPTOCOCCUS BOVIS INFECTION OF TOTAL KNEE REPLACEMENT COMPLICATED BY ENDOCARDITIS AND ASSOCIATED WITH COLONIC ULCERS**
Mathias NAGY (UNITED KINGDOM)
- 32705 PERIOSTEAL TUBERCULOSIS OF LATERAL MALLEOLUS: A CASE REPORT**
Uttam Chand SAINI, Nitesh GAHLOT, Sushil RANGDAL, Mandeep Singh DHILLON (INDIA)
- 32215 RECENT TREND AND CLINICAL ANALYSIS OF THE INFECTIOUS SPONDYLITIS**
Kazuhiro SHINOHARA, Tatsuya TAMURA, Toru KOBAYASHI (JAPAN)
- 31713 IMPROVEMENT IN THE DETECTION RATE OF PERIPROSTHETIC JOINT INFECTION IN TOTAL HIP ARTHROPLASTY THROUGH MULTIPLE SONICATE FLUID CULTURES**
Viktor JANZ, Georgi WASSILEW, Olaf HASART, Stephan TOHTZ, Carsten PERKA (GERMANY)
- 31144 MODIFIED BUCHMAN FENTON CLASSIFICATION FOR ACUTE HEMATOGENOUS OSTEOMYELITIS**
Vivek KOCHAR, Shobha ARORA, Nishant SONI, Rajeev RAMAN, Soumyadip DUTTA (INDIA)
- 31465 COMPARATIVE STUDY OF COMPLEX FEMORAL BONE DEFORMITY CORRECTION USING ILIZAROV METHOD AND SOFTWARE-BASED ORTHO-SUV FRAME**
Leonid SOLOMIN, Peter SKOMOROSHKO, Viktor VILENSKY, Elena SCHEPKINA (RUSSIA)
- 31461 OUR EXPERIENCE AT USING COMPUTER-ASSISTED ORTHO-SUV FRAME**
Leonid SOLOMIN, Viktor VILENSKY, Alexandr UTEKHIN (RUSSIA)
- 32399 STEM CELL THERAPY FOR THE TREATMENT OF SPINAL CORD INJURY (MET ANALYSIS)**
Thamer HAMDAN (IRAQ)
- 32718 DYNAMICAL ANALYSIS OF FORCE IMPULSE IN BONE BY A PHYSIOLOGICAL SHORT STEM PROSTHESIS – ANALOGIES BETWEEN BONE AND IMPLANT**
Peter COPF, Ralf SCHNEIDER, Ulrich HINDENLANG (GERMANY)

31400 HEMIARTHROPLASTY FOR FEMORAL NECK FRACTURES: IS PREOPERATIVE PLANNING NECESSARY?

Alberto POSABELLA, Angelo BIRAIMA, Thomas HOTZ, Thomas GROSS, Michele ARIGONI (SWITZERLAND)

31005 STUDY ON BONE INTEGRATION FOR THE ABG II FEMORAL COMPONENT IN TOTAL HIP REPLACEMENTS – IN 3 DIFFERENT MINI-INVASIVE APPROACHES – USING CLINICAL, RADIOLOGICAL AND DIGITAL CRITERIA

Stefan CRISTEA, Constantin VERTAN, Florin GROSEANU, Andrei PRUNDEANU, Vlad PREDESCU, Vlad GEORGEANU, Tudor ATASIEI, Dinu GARTONEA, Andrei PAP (ROMANIA)

15:30 - 16:00 *Break*

16:00 - 17:30 *Focused Poster Session – Miscellaneous: Joint & Rheumatology*

Moderators:

John CAMERON (CANADA), Thamer A. HAMDAN (IRAQ)

31894 WEAR OF UNICONDYLAR MOBILE AND FIXED BEARING KNEE IMPLANTS

J. Philippe KRETZER, Sebastian JAEGER, Rudi G. BITSCH, Robert SONNTAG, Joern REINDERS (GERMANY)

31473 ROLE OF PREOPERATIVE HIP-KNEE-ANKLE LONG LEG X-RAYS IN DETERMINING THE ANGLE OF DISTAL FEMORAL CUT IN TOTAL KNEE REPLACEMENT TO ACHIEVE A CENTRAL AND ACCURATE POSTOPERATIVE LIMB ALIGNMENT

Hitesh DAWAR, Jitender MAHESHWARI, Pushkar CHAWLA, Nilesh MISHRA (INDIA)

31464 PATIENT SPECIFIC GUIDING FOR REVISION OF MEDIAL UNICONDYLAR KNEE ARTHROPLASTY TO TOTAL KNEE ARTHROPLASTY: FIRST RESULTS OF A NEW OPERATING TECHNIQUE PERFORMED ON 10 PATIENTS

Martijn SCHOTANUS, Bart KERENS, Bert BOONEN, Nanne KORT (NETHERLANDS)

31451 SENSORY NERVE BLOCKADE COMBINED WITH POSTERIOR CAPSULE INFILTRATION IN TOTAL KNEE ARTHROPLASTY

Wing Yum MAN, Uppal AMANDEEP, Harry ROBERTS, Bishoy YOUSSEF, Khaldoun BITAR, Elizabeth ROBSON, Sanjiv CHUGH (UNITED KINGDOM)

- 31301 COMBINED ROTATIONAL HIGH TIBIAL OSTEOTOMY AND TKA FOR CONGENITAL DISLOCATION OF THE PATELLA AND OSTEOARTHRITIS**
John CAMERON, Michael DREXLER, Nicholas REISCHL (CANADA)
- 31159 MODIFIED INSALL'S ANTERIOR APPROACH FOR PRIMARY TOTAL KNEE ARTHROPLASTY**
Raju VAISHYA, Ajay Pal SINGH (INDIA)
- 31096 THINGS YOU SHOULD KNOW ABOUT ASIAN KNEE BEFORE DOING TKR**
Samih TARABICHI, Mohamed ELFEKKY (UNITED ARAB EMIRATES)
- 33149 THE EFFECTIVENESS OF HYALURONIC ACID INTRA-ARTICULAR INJECTIONS IN KNEE OSTEOARTHRITIS. A SYSTEMATIC REVIEW**
Dionysios TRIGKILIDAS, Amarjit ANAND (UNITED KINGDOM)
- 33099 THE CHONDROPROTECTIVE CAPABILITIES OF CURCUMIN (CURCUMA LONGA) AND CURCUMIN-DERIVED POLYENOLIC ZINC-BINDING INHIBITORS AGAINST IL-1 β - AND OSM-MEDIATED CHONDROLYSIS**
Neil SHAH, Elena KATZAP, Matthew GOLDSTEIN, John SCHWARTZ, Pasquale RAZZANO, Lorne GOLUB, Francis JOHNSON, Robert GREENWALD, Daniel GRANDE (UNITED STATES)
- 32861 OUTCOME OF PERCUTANEOUS NEEDLE FASCIOTOMY FOR DUPUYTREN'S DISEASE: A PROSPECTIVE CONSECUTIVE CASE SERIES**
Sohail YOUSAF, Daniel MOK, Ramiah CHIDAMBARAM (UNITED KINGDOM)
- 32058 ELECTIVE ORTHOPAEDIC SURGERY FOR SEVERAL HEMOPHILIA PATIENTS: FIRST RESULTS**
Salim FOURMAS, Meriem BENSADOK, Redouane SILARBI, Abdelah TIRICHINE, Abderahmane BENBOUZID, Meriem BELHANI (ALGERIA)
- 31987 CLINICAL AND RADIOGRAPHIC EVALUATION OF COXA VARA**
Vasily ZORYA, Nikolay KARCHEBNY, Arseny KOSHKIN (RUSSIA)
- 31344 THREE-YEAR FOLLOW-UP OF CONSERVATIVE TREATMENTS OF SHOULDER OSTEOARTHRITIS IN THE ELDERLY**
Jiong Jiong GUO, Huilin YANG (CHINA)
- 30839 RESTLESS LEGS SYNDROME (RLS)**
Mohsen TAVAKOLI (IRAN)