

SICOT/SIROT 2008

XXIV Triennial World Congress

Scientific Programme



24-28 August 2008

Hong Kong Convention and Exhibition Centre

Hong Kong, China



Programme Colour Key

	SICOT - Spine
	SICOT - Joint
	SICOT - Sports Medicine
	SICOT - Paediatrics
	SICOT - Foot & Ankle
	SICOT - Trauma
	SICOT - Tumours
	SICOT - Hand & Wrist
	SICOT - Shoulder & Elbow
	SICOT - Basic Science
	SICOT - General Orthopaedics
	SIROT
	Participating Associations and Societies

Sunday, 24 August 2008

	Theatre 1	Theatre 2	Grand Hall
08:00	Free Papers SIROT: Biomechanics	Free Papers SIROT: Osteoporosis	
-09:00			
09:00	Free Papers SIROT: Infections	Free Papers SIROT: Joint Replacement	
-10:30			
<i>Break</i>			
11:00	Free Papers SIROT: Fracture Healing	Free Papers SIROT: Tissue Engineering	
-12:00			
12:00	Free Papers SIROT: Infections / Tissue Engineering	Free Papers SIROT: Tumours	
-13:00			
<i>Lunch</i>			
14:00	SICOT/SIROT Research Commission: Stem Cells and Orthopaedics		
-16:45			
17:30			SICOT Opening Ceremony
-19:00			

08:00-09:00 **Free Papers – SIROT: Biomechanics**

Moderator: Ping-Chung LEUNG (Hong Kong)

18395 RADIOSTEREOMETRIC ANALYSIS (RSA) OF THREE-DIMENSIONAL MICROMOTION IN A FRACTURE MODEL OF FEMUR

Saravana Vail KARUPPIAH, Martin DOWNING, George P. ASHCROFT, Alan J. JOHNSTONE, Blair ASHCROFT (United Kingdom)

18359 SUTURE ANCHORS FOR BANKART REPAIR REVISITED

Ilias BISBINAS, Petros MIKALEF, Evangelos MAGNISSALIS, Theodoros BESLIKAS, Ioannis CHRISTOFORIDIS (Greece)

18270 INFLUENCE OF A SINGLE SHAFT ANGLE-STABLE SCREW IN OSTEOPOROTIC DISTAL RADIUS FRACTURES TREATED WITH VOLAR FIXED-ANGLE PLATES - A BIOMECHANICAL STUDY

Patrick WENINGER¹, Herwig DROBETZ², Martin LEIXNERING¹, Elmar TSCHEGG¹, Heinz REDL¹, Harald HERTZ¹
¹(Austria), ²(Australia)

18227 WHAT HAPPENS AFTER IMMEDIATE FULL WEIGHT BEARING AFTER INTRAMEDULLARY NAILING OF DISTAL TIBIAL FRACTURES - A BIOMECHANICAL ANALYSIS

Patrick WENINGER, Arthur SCHULTZ, Elmar TSCHEGG, Heinz REDL, Harald HERTZ (Austria)

Discussion

17901 A BIOMECHANICAL COMPARISON OF SURGICAL STRATEGIES OF POSTERIOR FIXATION AFTER TWO-LEVEL ALIF

Chang-Yuan FAN, Ching-Kong CHAO, Kuo-Hua CHAO, Son-Jyh LIN (Taiwan)

17444 ARCHITECTURAL AND MECHANICAL PROPERTIES OF CANCELLOUS BONE WITH STRONTIUM TREATMENT IN OSTEOPOROTIC GOATS

Zhaoyang LI, William W. LU, Peter K.Y. CHIU, Wing Moon LAM, Bin TANG, Hing Wan NGAN, David FANG, Kenneth M.C. CHEUNG, John C.Y. LEONG, Keith DK LUK (Hong Kong)

16342 THE BIOMECHANICAL FINITE ELEMENT SIMULATION STUDY FOR EVALUATION OF THE EFFECT OF INITIAL GRAFT TENSION AND THE KNEE FLEXION ANGLE WHEN GRAFT FIXED IN TUNNEL IN ACL RECONSTRUCTION WITH BONE-PATELLAR-TENDON-BONE GRAFT AND HAMSTRING GRAFT

Dariush GOURAN SAVADKOOHI, M. MIRGHASEMI, M. ESHRAGHI (Iran)

Discussion

09:00-10:30 **Free Papers – SIROT: Infections**

Moderator: Ping-Chung LEUNG (Hong Kong)

17852 SELECTIVE TARGETING OF CATIONIC LIPOSOMES TO THE SYNOVIAL ENDOTHELIUM IN RHEUMATOID ARTHRITIS - A NEW FORM OF VASCULAR TARGETING

Oliver GOTTSCHALK, Philip METZ, Britta SCHULZE, Uwe MICHAELIS, Eric GUENZI, Volkmar JANSSON, Marcus SCHMITT-SODY (Germany)

17847 ENDOTAG-1®, A CATIONIC LIPOSOME-CONTAINING PACLITAXEL, DEMONSTRATES ANTI-ANGIOGENIC AND ANTI-INFLAMMATORY ACTIVITY IN RHEUMATOID ARTHRITIS IN VIVO

Oliver GOTTSCHALK, Philip METZ, Britta SCHULZE, Uwe MICHAELIS, Eric GUENZI, Volkmar JANSSON, Marcus SCHMITT-SODY (Germany)

16407 PERIOPERATIVE ANTIBIOTICS DO NOT AFFECT INTRAOPERATIVE TISSUE BIOPSIES FOR MICROBIOLOGY ANALYSIS. A BLINDED PROSPECTIVE RANDOMIZED STUDY

Rihard TREBŠE, Nataša FAGANELI, Martina KAVCIC, Simon KOVAC (Slovenia)

Discussion

- 17694 TUBERCULOSIS OF STERNUM - WHAT WE KNOW & WHAT WE DON'T**
Shah Alam KHAN, Manish VARSHNEY, Ashok KUMAR, Shishir RASTOGI (India)
- 16319 RELATIVE RATES AND FUTURES OF ACUTE LEG INFECTIONS IN AFRICAN EMERGENCY SETTING; A REPORT OF 71 CASES OBSERVED IN THE CENTRAL HOSPITAL OF YAOUNDÉ**
Jean BAHEBECK, Maurice SOSSO (Cameroon)
- 16226 THE TREATMENT OF ACUTE INFECTION FOLLOWING PLATING OF TIBIA RESULTING WITH AN EXPOSE BONE AND METAL IMPLANT**
Nazri MOHD YUSOF, Mohammad Azril MOHAMMAD AMIN, Ahmad Hafiz ZULKIFLY, Mohd Kamil MOHAMMAD AMIN (Malaysia)
- Discussion**
- 18385 DOES A KNEE JOINT ASPIRATION GUIDE THE TREATMENT OF POTENTIAL SEPTIC KNEE ARTHRITIS?**
Ibrar MAJID, Talal IBRAHIM, Ravi THIMMAIAH, Nandan ADLA, Mahmoud SLIBI (United Kingdom)
- 18296 LIMITED VALUE OF FROZEN SECTION HISTOLOGY AS AN INTRA-OPERATIVE TEST FOR INFECTION DURING TOTAL HIP ARTHROPLASTY REVISION**
Micha HOLLA, Charlotte LOOTS, Willem SCHREURS (Netherlands)
- 17309 COMPLICATION MANAGEMENT IN FATAL NECROTISING FASCIITIS ASSOCIATED WITH INTRAMUSCULAR INJECTION OF INFLUENZA VACCINE**
Marlon COULIBALY, Sven JUNG, Malte PLATO, Micheal ADOLF, Thomas WEISS, Levent OEZOKYAY, Gert MUHR, Chistian SCHINKEL (Germany)
- 18620 NECROTISING FASCIITIS: ANALYSIS OF 48 CASES IN HONG KONG**
Kelvin Kin Wai SUN, Andrew Pak Ho CHAN, Yuk Yin CHOW (Hong Kong)

Discussion

10:30-11:00 *Break*

11:00-12:00 **Free Papers – SIROT: Fracture Healing**

Moderator: Se-II SUK (Korea)

- 18288 MINIMIZING SURGICAL INVASION IN THE TREATMENT OF PSEUDOARTHROSIS**
Viktor VOLOSHIN, Vladimir ZUBIKOV, Konstantin SHEVYREV, Pavel ZHADAN, Saravanan ARUMUGAM (Russian Federation)
- 16823 A MINIMAL INVASIVE BIOLOGICAL APPROACH FOR HARVESTING OF FREE FIBULAR GRAFT**
Amitava Narayan MUKHERJEE, Ananda PAUL (India)
- 17759 INFLAMMATION CAUSED BY FRACTURE MAY ALTER LONGITUDINAL GROWTH PROCESSES AT THE PHYSIS**
Eva Elisa FISCHERAUER, Gregor JANEZIC, Christian GÜLLY, Florian AMERSTORFER, Michael HÖLLWARTH, Annelie-Martina WEINBERG (Austria)
- 17653 BISPHOSPHONATES HAS SIGNIFICANT EFFECTS ON ENHANCING HEALING OF HUMAN FRACTURES**
Hwa-Chang LIU, Wen-Chi TSAI (Taiwan)
- Discussion**
- 17531 COMPARATIVE STUDY OF THE USE OF ELECTROMAGNETIC FIELDS IN PATIENTS WITH PSEUDOARTHROSIS OF TIBIA TREATED WITH INTRAMEDULLARY NAILING**
Juan Luis CEBRIAN PARRA, Elena MANRIQUE, Maria del Pilar GALLEGO JUNCAL, Luis LOPEZ-DURAN STERN (Spain)
- 17435 ROLE OF THE PKA PATHWAY IN OSTEOCHONDROGENESIS OF MESENCHYMAL STEM CELLS VIA SYNERGIZING WITH THE ESSENTIAL TRANSCRIPTION FACTOR SOX9 AT MULTILEVEL**
Li ZHAO, Gang LI (United Kingdom), Guang-Qian ZHOU (Hong Kong)

17161 OPERATIVE TREATMENT OF TOTAL DISTAL HUMERAL PHYSEAL FRACTURE

Jixin WU, Ruixue MA, Wei MA (China)

Discussion

12:00-13:00 **Free Papers – SIROT: Infections / Tissue Engineering**

Moderator: Se-II SUK (Korea)

18752 GUNSHOT OSTEOMYELITIS: PATHOGENESIS, CLINICAL PICTURE, DIAGNOSIS AND TREATMENT

V.M. SHAPOVALOV, Andrei OVDENKO (Russian Federation)

18487 REVISION FOR INFECTED TOTAL KNEE ARTHROPLASTY – 10 YEAR EXPERIENCE AT TERTIARY REFERRAL CENTRE IN IRELAND

Kayode ODUWOLE, Murali SAYANA KRISHNA, Diamurd MOLONEY, Kevin J. MULHALL (Ireland)

18226 INFECTED ARTICULAR PROSTHESIS

Gaetano GIUDICE, Roberto ROSSI, Paolo PALUMBI, Piergiorgio VASINA (Italy)

15350 ILIZAROV HIP RECONSTRUCTION AFTER EXCISION ARTHROPLASTY IN MANAGEMENT OF HIP INFECTION IN ADULTS

Khaled EMAR (Egypt)

Discussion

18509 EFFECT OF PULSE ELECTROMAGNETIC FIELD ON OSTEOSARCOMA CELL LINE MG63

Umesh NAGARE, M. MUGHAL, Mohammad MAQSOOD (United Kingdom)

18340 CONSERVATIVE THERAPY OF LIGAMENOUS LESION OF THE ANKLE USING PLASMA RICH IN GROWTH FACTORS (PRGF)

Havlas VOJTECH¹, Robert FREI¹, Tomas TRČ¹, Milan HANDL¹, Francesco Estrella BIOSCA²
¹(Czech Republic), ²(Spain)

17323 AN IN VITRO MODEL OF OSTEOGENIC DIFFERENTIATION OF MICE BONE MARROW DERIVED MESENCHYMAL CELLS CULTURED ON A SCAFFOLD OBTAINED FROM RED DEER DECIDUOUS HORN

Ondine LUCACIU, Olga SORITAU, Mihaela BACIUT, Dan LUCACIU, Radu CAMPAN, Eموke PALL, Bogdan CRISAN, Mihai ASCHILEAN, Rares BULIGA, Grigore BACIUT (Romania)

Discussion

13:00-14:00 **Lunch**

14:00-16:45 **SICOT/SIROT Research Commission – Stem Cells and Orthopaedics**

Moderator: Hari REDDI (United States)

Introduction

Hari REDDI (United States)

19191 MESENCHYMAL STEM CELLS FOR SKELETAL TISSUE ENGINEERING

Kuang-Sheng LEE (Taiwan)

19193 ENHANCEMENT OF BONE REGENERATION WITH STEM CELL BASED BMP2 GENE MEDICINE

Ting-Ting TANG, Meng-ning YAN, Bin LU, Jue-Ren LOU, Ke-Rong DAI (China)

19192 CLINICAL USE OF CONCENTRATED AUTOLOGOUS BONE MARROW ASPIRATE TRANSPLANTATION (CABMAT) FOR BONE NON-UNION AND OSTEONECROSIS OF THE FEMORAL HEAD

Yoshioka TOMAKAZU, Hajime MISHIMA, Shinsuke SAKAI, Hiroshi AKAOGI, Toshiki MURAMATSU, Naoyuki OCHIAI (Japan)

19194 MESENCHYMAL STEM CELLS IN SPINAL SURGERY

Moon SEONG-HWAN (Korea)

19185 INTERVERTEBRAL DISC REGENERATION
Kenneth M.C. CHEUNG, Victor Y.L. LEUNG (Hong Kong)

Discussion

08:00-09:00 **Free Papers – SIROT: Osteoporosis**

Moderator: Hamish SIMPSON (United Kingdom)

- 18581 IMPACT OF THE TYPE OF SURGICAL PROCEDURE ON SURVIVAL, FUNCTIONAL OUTCOME, AND COSTS OF CARE AMONG POSTMENOPAUSAL WOMEN WITH AN INTERTROCHANTERIC HIP FRACTURE: A ONE-YEAR PROSPECTIVE COHORT STUDY**

Patrick HAENTJENS, Martine BARETTE, Philippe AUTIER, Steven BOONEN (Belgium)

- 17036 IMPORTANCE OF INPATIENT MANAGEMENT OF UNDERLYING OSTEOPOROSIS IN HIP FRACTURE PATIENTS**

Matt NIXON, Rohit MAHESHWARI, Emma HOSKINSON, Sarah ZAREIAN, Sean TREADWELL (United Kingdom)

- 18256 TEMPERATURE OF POLYMERISATION OF BONE CEMENT IN VERTEBROPLASTY**

Bernd WEGENER, Nicole KRATZER, Christof BIRKENMAIER, Volkmar JANSSON, Andreas BÜTTNER (Germany)

- 17975 OXYS RAT STRAIN AS A MODEL OF GENETICALLY DETERMINED OSTEOPOROSIS**

Michael SADOVOY, Olga FALAMEYEVA, Julia KHRAPOVA, Natalia KOLOSOVA (Russian Federation)

Discussion

- 16665 OSTEOPOROSIS – PUBLIC AWARENESS, COMMITMENT AND PERSPECTIVE**

Margaret Woon Man FOK, Hon Bong LEUNG, Wai Man LEE (Hong Kong)

- 18513 SCREENING AND TREATMENT OF OSTEOPOROSIS IN INDIA: A 5-YEAR PROSPECTIVE COHORT STUDY**

Shailendra LAKHOTIA (India)

- 16475 STRONTIUM PROMOTES OSTEOGENIC DIFFERENTIATION OF MESENCHYMAL STEM CELLS THROUGH THE RAS/ERK1/2 MAPK SIGNALING PATHWAY**

Songlin PENG, Guang-Qian ZHOU, Keith DK LUK, Zhaoyang LI, Kenneth M.C. CHEUNG, Zhongjun ZHOU, William W. LU (China)

Discussion

09:00-10:30 **Free Papers – SIROT: Joint Replacement**

Moderator: Hamish SIMPSON (United Kingdom)

- 18668 FEASIBILITY OF MODEL-BASED RSA IN TMC JOINT REPLACEMENT**

Edwin OOMS, Peter PILOT, Jacco VAN DOORN, Rob NELISSEN, Ruud DEIKERS (Netherlands)

- 18378 REDUCING EXPOSURE TO METAL IONS FOLLOWING HIP RESURFACING: THE IMPORTANCE OF ACETABULAR ORIENTATION**

David LANGTON, Simon JAMESON, Tom JOYCE, Antoni NARGOL (United Kingdom)

- 17938 SURFACE COMPARISON OF ALUMINA CERAMIC TKP AND COBALT-CHROME ALLOY TKP RETRIEVED AFTER LONG-TERM CLINICAL USE**

Mikio IWAMOTO, Hiroyuki OONISHI, Sok Chol KIM, Masayuki KYOMOTO, Masaru UENO, Hironobu OONISHI (Japan)

Discussion

- 16931 A FOLLOW-UP STUDY FOR THE CORRELATION BETWEEN ACETABULAR CUP ORIENTATION, HEAD DIAMETER AND WEAR OF TOTAL HIP ARTHROPLASTIES**

Nicolae MIHAILIDE, Tiberiu LAURIAN (Romania)

- 16758 ASSESSMENT OF THE FEMORAL COMPONENT ROTATION IN TOTAL KNEE ARTHROPLASTY**

Jaroslawn DESZCZYNSKI (Poland)

- 16160 CLINICAL OUTCOME OF ALUMINA CERAMIC TOTAL HIP REPLACEMENT. THREE TO SEVEN YEARS FOLLOW-UP STUDY**
Shankar KASHYAP, Mustafa ALNAIB, Deepu BHASKAR (United Kingdom)

Discussion

- 16044 UNCEMENTED CERAMIC ON CERAMIC ARTICULATION TOTAL HIP REPLACEMENT FOR DYSPLASTIC OSTEOARTHRITIS - FIVE TO NINE YEARS FOLLOW-UP**
Atsushi KUSABA, Saiji KONDO, Yoshikatsu KUROKI (Japan)

- 16770 BIPOLAR HEMIARTHROPLASTY IN INTERTROCHANTERIC FRACTURES**
Shubhranshu Shekhar MOHANTY, Hitesh GARG, Prashant PATARE, Manish KAWADE (India)

- 15512 ARTHRITIS IN YOUNG PATIENTS: DOES MOBILE BEARING KNEE HAS A ROLE?**
Ravi INDLURU, Anil KHANNA, Arun KHANNA, Arvind KUMAR (United Kingdom)

- 16921 INDIGENOUS CEMENTED BIPOLAR ARTHROPLASTY - SHORT TERM RESULTS AND MOTION STUDIES**
Shubhranshu Shekhar MOHANTY, Prashant PATARE, Niraj KALORE (India)

Discussion

10:30-11:00

Break

11:00-12:00

Free Papers – SIROT: Tissue Engineering

Moderator: Eric RADIN (United States)

- 18616 ENHANCEMENT OF TISSUE ENGINEERED STEM CELL-TRICALCIUM PHOSPHATE COMPOSITE ON POSTERIOR SPINAL FUSION WITH NON-DECORTICATION APPROACH**
Francis Chun Wai CHAN¹, Bobby Kin Wah NG¹, Celine Fan Fong HUI¹, Wei Min PAN², Kwong Man LEE¹, Ling QIN¹, Yun Yu HU², Jack Chun Yiu CHENG¹
¹(Hong Kong), ²(China)

- 18434 ANTERIOR CRUCIATE LIGAMENT REPLACEMENT WITH TENDON GRAFT – AN ANALYSIS OF MORPHOLOGICAL CHANGES**
Viktor VOLOSHIN, Vadim ZAR, Valentina SUXONOSENKO, Dmitry MURIN, Saravanan ARUMUGAM (Russian Federation)

- 18086 AN OPEN LABEL SAFETY AND EFFICACY STUDY OF PORCINE BONE MATRIX DERIVED OSTEOGENIC BIOMATERIAL IN TRAUMATIC LONG BONE INJURIES**
Nicolaas DUNEAS, S. GOVENDER, Marshall MURDOCH (South Africa)

Discussion

- 17453 EXTRACELLULAR MATRIX STABILITY OF PRIMARY MAMMALIAN CHONDROCYTES AND INTERVETEBRAL DISC CELLS CULTURED IN ALGINATE-BASED MICROBEAD HYDROGELS**
Sunday ABBAH¹, Weijia William LU², Songlin PENG², Wai Kit TAM², Darwesh ALADIN², Kenneth M.C. CHEUNG², Keith Dip-Kei LUK², Guang-Qian ZHOU²
¹(Singapore), ²(Hong Kong)

- 17047 3D MIGRATION AND DIFFERENTIATION ANALYSIS OF INTRAORAL HARVESTED MSC AT DIFFERENT BONE SUBSTITUTES**
Birgit LOHBERGER, Eike STADELMEYER, Michael PAYER, Christina BARTMANN, Dirk STRUNK, Reinhard WINDHAGER (Austria)

- 18131 INCREASING THE STEM CELL ATTACHMENT AND PROLIFERATION CAPACITY OF HUMAN BONE ALLOGRAFTS**
Zsombor LACZA, Miklos WESZL, Attila CSELENYAK, Gabor SKALICZKI, Miklos SZENDROI, Mark KOLLAI, Csaba FORSTER-HORVATH (Hungary)

Discussion

12:00-13:00

Free Papers – SIROT: Tumours

Moderator: Eric RADIN (United States)

- 18676 RADIOFREQUENCY ABLATION IN THE TREATMENT OF OSTEOID OSTEOMAS**
Mehmet Ali DEVECI, Aykin SIMSEK, Erdal CILA, Erdinç ESEN, Alparslan SENKÖYLÜ (Turkey)
- 18437 DOES NEO-ADJUVANT CHEMOTHERAPY INCREASE THE RISK OF INFECTION AFTER LIMB SALVAGE SURGERY FOR BONE TUMORS?**
Saravanan ARUMUGAM, Viktor VOLOSHIN, Vladimir SOKOLOVSKIY, Vladimir ZUBIKOV (Russian Federation)
- 18381 SYNCHRONOUS MULTICENTRIC OSTEOSARCOMA. A CASE REPORT**
Kiran Kumar SINGISETTI¹, Maqsood KHAN¹, L. LOKNADH²
¹(United Kingdom), ²(India)
- 17684 DIAPHYSEAL OSTEOSARCOMAS-BIOLOGICAL BEHAVIOUR & LIMB SALVAGE**
Shishir RASTOGI, Shah Alam KHAN (India)

Discussion

- 18176 THE ROLE OF LIMB SALVAGE SURGERY AND CUSTOM MEGA PROSTHESIS IN MULTIPLE MYELOMA**
Paraskumar MOHANLAL¹, MayilVahanan NATARAJAN², J.C. BOSE²
¹(United Kingdom), ²(India)
- 16808 RESULT OF THE SURGICAL TREATMENT OF THE PATHOLOGICAL FEMUR FRACTURES WITH GAMMA NAIL**
Juan Luis CEBRIAN PARRA, Raquel VALLEZ ROMERO, María del Pilar GALLEGRO JUNCAL, Luis LOPEZ-DURAN STERN (Spain)
- 16259 SURGICAL CONSIDERATIONS FOR BENIGN BONE TUMOURS**
Samuel Uwale EYESAN, O.K. IDOWU, Obiageli NNODU, F.B. ABDULKAREEM (Nigeria)

Discussion

Monday, 25 August 2008

	Theatre 1	Theatre 2	403	404 / 405	406 / 407	408	603 / 604	605	606 / 607	608		
08:00 -09:00	CTL Spine: Spine Fractures	CTL Trauma: Pelvic Acetabular Fractures	CTL Hand & Wrist	CTL Foot & Ankle: Hallux Valgus	CTL Sports Medicine: Current Concepts in Patellofemoral Joint Disorders	CTL General Orthopaedics: Current Concepts in Osteoporosis Management	International Hip Society (open session)		International Federation of Paediatric Orthopaedic Societies (IFPOS)			
09:00 -10:30	Symposium Spine: Biologic Motion Preservation	Symposium SICOT Trauma / ARTOF: Open Fractures I	Free Papers Hand & Wrist I	Symposium & Free Papers Basic Science: Biomaterials	Free Papers Sports Medicine: Articular Cartilage Repair	Free Papers General Orthopaedics: Learning & Teaching		Free Papers General Orthopaedics: Cost Effectiveness		Free Papers Spine: Basic Science - Trauma Spine		
<i>Break / Poster Discussion</i>												
11:00 -12:15	Symposium Spine: Recent Advances	Symposium SICOT Trauma / ARTOF: Open Fractures II	Free Papers Hand & Wrist II	Symposium General Orthopaedics: DM Foot	Symposium Sports Medicine: Surgical Realignment for Patellofemoral Disorders	Symposium Kashin Beck Disease		Free Papers Joint: Total Knee Replacement I		Free Papers Spine: Basic Science		
12:15 -13:00	Plenary Lecture Se-Il Suk											
<i>Break / Poster Discussion</i>												
14:00 -15:30			Lunch Symposium ArthroCare	Lunch Symposium Stryker	Lunch Symposium DePuy							
14:00 -15:30	Symposium Hand & Wrist	Symposium SICOT Trauma / ARTOF: Spine Injuries I	Free Papers Hand & Wrist III	Symposium Joint: Dual Mobility Cup	ISMISS: Triennial Scientific Session Part I	Free Papers General Orthopaedics: Functional Outcome I	World Federation of Hemophilia (WFH)	Free Papers Joint: Total Knee Replacement II	International Federation of Paediatric Orthopaedic Societies (IFPOS)	Symposium General Orthopaedics: Pain Management		
<i>Break / Poster Discussion</i>												
16:00 -17:30	Symposium Foot & Ankle: Arthroscopy	Symposium SICOT Trauma / ARTOF: Spine Injuries II	Free Papers Trauma: Polytrauma & New Techniques	Free Papers Joint: Osteotomies Around the Hip	ISMISS: Triennial Scientific Session Part II	Free Papers General Orthopaedics: Functional Outcome II				Free Papers Joint: Total Knee Replacement III		

CTL = Current Trend Lectures

Monday, 25 August 2008

Theatre 1

08:00-09:00 **CTL – Spine: Spine Fractures**

Moderators: Ying Kei CHAN (Hong Kong) & Jae Yung CHUNG (Korea)

19264 CONTROVERSIES IN THE MANAGEMENT OF THORACOLUMBAR FRACTURES

Ahmet ALANAY (Turkey)

19097 THORACOLUMBAR BURST FRACTURES – NECESSITY OF ANTERIOR COLUMN SUPPORT

Manabu ITO (Japan)

19154 OSTEOPOROTIC VERTEBRAL FRACTURES

Yat Wa WONG (Hong Kong)

09:00-10:30 **Symposium – Spine: Biologic Motion Preservation**

Moderators: Pui Yau LAU (Hong Kong) & Cody BÜNGER (Denmark)

19163 CERVICAL DISC TRANSPLANTATION

Keith Dip-Kei LUK (Hong Kong), D.K. RUAN (China)

19182 TISSUE ENGINEERED DISC REPLACEMENT

Kenneth M.C. CHEUNG, Victor LEUNG (Hong Kong)

NEW TOOLS IN REGENERATION MEDICINE

Cody BÜNGER (Denmark)

Discussion

10:30-11:00 *Break / Poster Discussion*

11:00-12:15 **Symposium – Spine: Recent Advances**

Moderators: Kan Hing MAK (Hong Kong) & Shanmuganathan RAJASEKARAN (India)

19157 THE USE OF PERCUTANEOUS PEDICLE SCREWS IN VARIOUS SPINE PROBLEMS

Pui Yau LAU, L.K. SUN (Hong Kong)

19213 ROLE OF NAVIGATION IN SPINE SURGERY

Shanmuganathan RAJASEKARAN (India)

MINIMALLY INVASIVE SPINE SURGERY

Jeff WANG (United States)

19134 RESEARCH AND CLINICAL RESULTS IN THE USE OF PEDIGUARD

André KAELIN (Switzerland)

Discussion

12:15-13:00 **Plenary Lecture – Spine**

Moderator: Kenneth M.C. CHEUNG (Hong Kong)

19011 EVOLUTION OF SPINE DEFORMITY SURGERY IN THE WORLD AND ASIA

Se-Il SUK (Korea)

13:00-14:00 *Lunch*

14:00-15:30 **Symposium – Hand & Wrist**

Moderators: Yuk Yin CHOW (Hong Kong) & Ping Tak CHAN (Hong Kong)

17648 PROSPECTIVE STUDY OF OPEN REDUCTION AND INTERNAL FIXATION OF EXTRA-ARTICULAR FRACTURE OF DISTAL RADIUS USING AO 3.5 MM LOCKING PLATE

Michael TO (Hong Kong)

17200 MANAGEMENT OF DISTAL RADIUS FRACTURES IN A DISTRICT GENERAL HOSPITAL IN SOUTH WALES – AN ANALYSIS
Ashok MARUDANAYAGAM (United Kingdom)

ARTHROSCOPIC ASSISTED RELEASE OF WRIST
Kai Yiu CHOI (Hong Kong)

MANAGEMENT OF MALUNION OF DISTAL RADIUS FRACTURE
Jie LAO (China)

MANAGEMENT OF POST-TRAUMATIC ARTHRITIS OF MID-CARPAL JOINT
Andrew CHIN (Singapore)

NEW VASCULARIZED BONE GRAFTING TO THE NONUNION OF THE SCAPHOID
Takuya SAWASIZUMI

ARTHROSCOPIC ASSISTED MANAGEMENT OF THE DRUJ INJURIES
P.C. HO (Hong Kong)

PROSTHETIC ULNAR HEAD REPLACEMENT
Ping Tak CHAN (Hong Kong)

LONG TERM OUTCOME OF DRUJ RECONSTRUCTION IN RA
Wing Yuk IP (Hong Kong)

19145 PROXIMAL ROW CARPECTOMY FOR TREATING CHRONIC WRIST PAIN
Zhou XIANG, Ming LIU, Haitao ZHOU, Fuguo HUANG, Fuxing PEI, Shiqiong ZHANG, Zhiming YANG (China)

Discussion

15:30-16:00 *Break / Poster Discussion*

16:00-17:30 **Symposium – Foot & Ankle: Arthroscopy**

Moderators: Margaret WONG (Hong Kong) & Tun Hing LUI (Hong Kong)

19268 OSTEOCHONDRAL LESIONS OF THE TALUS
Tsukasa KUMAI (Japan)

ARTHROSCOPIC MANAGEMENT FOR LATE COMPLICATIONS OF CALCANEAL FRACTURE
Tun Hing LUI (Hong Kong)

FHL TENDOSCOPY
Tun Hing LUI (Hong Kong)

19269 ENDOSCOPIC CALCANEOPLASTY
Tsukasa KUMAI (Japan)

ARTHROSCOPIC ANKLE ARTHRODESIS, TECHNIQUE AND 15 YEAR FOLLOW UP
James TASTO (United States)

Discussion

Monday, 25 August 2008

Theatre 2

08:00-09:00 **CTL – Trauma: Pelvic Acetabular Fractures**

Moderators: James KELLAM (United States) & Galal Zaki SAID (Egypt)

19176 SURGICAL APPROACHES TO THE ACETABULAM

James KELLAM (United States)

19081 SCREW PLACEMENT IN ACETABULAR FRACTURE SURGERY

Frankie LEUNG (Hong Kong)

09:00-10:30 **Symposium – SICOT Trauma / ARTOF: Open Fractures I**

Moderators: James P. WADDELL (Canada) & Galal Zaki SAID (Egypt)

Welcome & Overview

James P. WADDELL (Canada)

19096 DECISION MAKING TO SALVAGE OR AMPUTATE A SEVERELY INJURED LIMB

Darius GOURAN SAVADKOOHI (Iran)

17140 OPEN FRACTURES, STABILISATION OPTIONS

Galal Zaki SAID, Osama FAROUK, Hatem SAID (Egypt)

19274 SOFT TISSUE COVERAGE – SOFT TISSUE INJURIES WITH AND WITHOUT DEVASTATION OF THE BONE

Vilmos VÉCSEI, Harald K. WIDHALM, S. ARBES (Austria)

BONE DEFECT – TREATMENT OPTIONS

Reinhard SCHNETTLER (Germany)

10:30-11:00 *Break / Poster Discussion*

11:00-12:15 **Symposium – SICOT Trauma / ARTOF: Open Fractures II**

Moderators: Vilmos VÉCSEI (Austria) & Manfred GREITBAUER (Austria)

INFECTION AFTER OPEN FRACTURE

James P. WADDELL (Canada)

MORTALITY IN OPEN FEMUR FRACTURES

James P. WADDELL (Canada)

OUTCOME AFTER SEVERE OPEN FRACTURE

Manfred GREITBAUER (Austria)

19014 OPEN PELVIC FRACTURES

James KELLAM (United States)

12:15-13:00 **Plenary Lecture – Spine**

To be held in Theatre 1. Seats will also be available in Theatre 2, if necessary.

Moderator: Kenneth M.C. CHEUNG (Hong Kong)

19011 EVOLUTION OF SPINE DEFORMITY SURGERY IN THE WORLD AND ASIA

Se-Il SUK (Korea)

13:00-14:00 *Lunch*

14:00-15:30 **Symposium – SICOT Trauma / ARTOF: Spine Injuries I**

Moderators: Mehdi MOUSAVI (Austria) & Gholam PAJENDA (Austria)

DIAGNOSTICS ALGORITHM FOR SPINE INJURIES

Mehdi MOUSAVI (Austria)

TREATMENT STRATEGY OF INJURIES OF THE UPPER CERVICAL SPINE (C0 – C2)

Manfred GREITBAUER (Austria)

TREATMENT OF INJURIES OF THE CERVICAL SPINE (C3 – C5)

Tomas BRAUNSTEINER (Austria)

TREATMENT OF CERVICAL SPINE INJURIES IN PATIENTS WITH MORBUS BECHTEREW

Gholam PAJENDA (Austria)

19267 COMPLICATIONS AND REVISION SURGERY OF THE CERVICAL SPINE

Vilmos VÉCSEI, H. WIDHALM, Stephanie ARBES (Austria)

DIAGNOSTICS AND TREATMENT OF SPINE INJURIES IN CHILDHOOD

Walter STOIK (Austria)

15:30-16:00 *Break / Poster Discussion*

16:00-17:30 **Symposium – SICOT Trauma / ARTOF: Spine Injuries II**

Moderators: Reinhard SCHNETTLER (Germany) & Volker BÜHREN (Germany)

TREATMENT STRATEGIES FOR THORACO-LUMBAR SPINE FRACTURES

Reinhard SCHNETTLER (Germany)

TREATMENT OF THORACIC SPINE INJURY, VIDEO ASSISTED SURGERY

Mehdi MOUSAVI (Austria)

TREATMENT OF LUMBAR SPINE INJURIES

Volker BÜHREN (Germany)

KYPHOPLASTY AND VERTEBROPLASTY

Petra KREPLER (Austria)

ABSORBABLE CEMENT FOR VERTEBRAL BODY FRACTURE; MULTICENTER STUDY

Gholam PAJENDA (Austria)

CONSERVATIVE TREATMENT OF THORACIC AND LUMBAR SPINE FRACTURES

Tomas BRAUNSTEINER (Austria)

08:00-09:00 **CTL – Hand & Wrist**

Moderators: Wing Yuk IP (Hong Kong) & Jie LAO (China)

NEW NOVEL DESIGN OF A PIP JOINT PROSTHESIS

Wing Yuk IP (Hong Kong)

CURRENT CONCEPTS ON MINIMAL INVASIVE TREATMENT FOR DISTAL RADIUS FRACTURE

Jie LAO (China)

09:00-10:30 **Free Papers – Hand & Wrist I**

Moderators: Frédéric SCHUIND (Belgium) & Andrew CHIN (Singapore)

15500 EATON LITTLER LIGAMENT RECONSTRUCTION OF THE PAINFUL UNSTABLE THUMB CMC JOINT

Christian-Thomas RADDI, Roland MEIZER, Christian KRASNY, Franz LANDSIEDL, Martin CHOCHOLE (Austria)

16089 THUMB SADDLE JOINT PROSTHESIS FOR THE TREATMENT OF RHIZARTHRISIS

Christian-Thomas RADDI, Roland MEIZER, Franz LANDSIEDL, Christian KRASNY (Austria)

17073 ARTHROGRYPOSIS WRIST DEFORMITIES: CLINICAL VARIANTS AND SURGICAL TREATMENT

Olga AGRANOVICH, Ekaterina PETROVA, Igor SHVEDOVCHENKO (Russian Federation)

17326 NEGLECTED/UNREDUCED PERILUNATE DISLOCATIONS: EXPERIENCE FROM A DEVELOPING COUNTRY

M.S. DHILLON¹, Emal WARDAK², Devinder CHAUHAN¹
¹(India), ²(Afghanistan)

17470 TRANSOSSEOUS OSTEOSYNTHESIS POSSIBILITIES IN COMBINATION WITH MICROSURGERY IN TREATMENT OF SEVERE WRIST AND FOREARM TRAUMA

Vladimir SHEVTSOV, Natalia SHIKHALEVA (Russian Federation)

17627 DOES SCAPHOID BONE BRUSING LEAD TO FRACTURE AND SHALL IT BE TREATED SAME AS FRACTURE?

Turab SYED, Yousaf SHAH, Martin Harry WETHERILL, (United Kingdom)

18030 LENGTHENING OF HAND SEGMENTS BY MINI-FIXATOR

Vladimir SHEVTSOV, Natalia SHIKHALEVA, Mikhail DANILKIN (Russian Federation)

18046 EXPERIENCE OF A DISTRICT GENERAL HOSPITAL IN MANAGING DISPLACED INTRA-ARTICULAR FRACTURES OF DISTAL RADIUS USING DISTAL VOLAR LOCKING PLATE

Jagwant SINGH, Jagan Mohana Reddy VELPULA, A. MALHOTRA, M. MADHU, M. WASEEM (United Kingdom)

18148 PERIPHERAL NERVE INJURIES AND NERVE GRAFTING

Harilaos SAKELLARIDES (United States)

18162 TREATMENT OF THE CEREBRAL PALSY HAND

Harilaos SAKELLARIDES (United States)

18277 DISTRACTION APPARATUS FOR TREATMENT OF CLAW HAND

Valeriy TSAREV, Viktor VOLOSHIN, Vladimir ZUBIKOV, Igor DOROZHKO, Saravanan ARUMUGAM (Russian Federation)

18373 OUTCOME OF CARPAL TUNNEL DECOMPRESSION: THE INFLUENCE OF AGE, GENDER AND OCCUPATION

Ibrar MAJID, Talal IBRAHIM, Malcolm CLARKE, Christopher KERSHAW (United Kingdom)

18619 MODIFIED PULL-OUT WIRE SUTURE TECHNIQUE FOR THE TREATMENT OF BONY Mallet FINGER

Sang-Jin CHEON, Jong-Min LIM (Korea)

18715 BONE GRAFT AND EXTERNAL SPLINT FOR NONUNION OF CARPAL SCAPHOID

Mohammed Ali F. AL-BAYATTI, Tarik KERALLA (Iraq)

10:30-11:00 *Break / Poster Discussion*

Free Papers – Hand & Wrist II

Moderators: Felix GIL-ORBEZO (Mexico) & Zhou XIANG (China)

15473 MODIFIED JONES TRANSFER THROUGH A SINGLE INCISION; SURGICAL TECHNIQUE, CASE SERIES AND LITERATURE REVIEW

Ashok Sunil GAVASKAR, Ravi CHANDRAN (India)

15504 RESECTION – SUSPENSION – ARTHROPLASTY FOR THE TREATMENT OF RHIZARTHROSIS: COMPARISON OF TWO TECHNIQUES

Christian-Thomas RADDI, Christian KRASNY, Martin CHOCHOLE, Roland MEIZER, Franz LANDSIEDL (Austria)

15752 ARTHRODESIS OF THE WRIST IN THE GROWING CHILD. A NEW SURGICAL TECHNIQUE

Federico FERNANDEZ-PALAZZI, Salvador RIVAS, Freddy CHAKAL (Venezuela)

16171 SURGICAL MANAGEMENT OF WINDBLOWN HAND – CASE SERIES OF 18 PATIENTS

Ashok GAVASKAR, Ravi CHANDRAN, Chandra PRAKASAM (India)

16202 TREATMENT OF UPPER LIMB DEFORMITIES WITH EXTERNAL FIXATION

Ghassan SALAMEH (Syria)

17083 TRIPHALANGEAL THUMB

Olga AGRANOVICH, Igor SHVEDOVCHENKO (Russian Federation)

17620 DOES GRIP STRENGTH IMPROVE AFTER TRAPEZIUMECTOMY?

Turab SYED, Yousaf SHAH, Martin Harry WETHERILL (United Kingdom)

18644 WRIST REPLACEMENT WITH THE MPH DESIGN

Heiner THABE (Germany)

12:15-13:00 *Plenary Lecture in Theatre 1*

Lunch Symposium – ArthroCare

Lunch boxes will be served to attendees of the session.

17378 THE USE OF RADIOFREQUENCY IN THE TREATMENT OF CHRONIC TENDINOSIS, 5-YEAR FOLLOW-UP AND MECHANISM OF ACTION

James TASTO (United States)

THE ROTATOR CUFF REPAIR CONTROVERSIES. THE ART AND THE SCIENCE?

Mark HABER (Australia)

Free Papers – Hand & Wrist III

Moderators: Ian LESLIE (United Kingdom) & Tak Wing LAU (Hong Kong)

16099 JESS (JOSHI'S EXTERNAL STABILISATION SYSTEM) A UNIQUE INNOVATIVE EXTERNAL FIXATOR: RESULTS IN METACARPAL AND PHALANX FRACTURES

Ranjit Kumar BARUAH (India)

16374 THE FUNCTIONAL OUTCOME OF VOLAR BARTON FRACTURES TREATED BY OPEN REDUCTION AND INTERNAL FIXATION WITH BUTTRESS PLATE

Krishnakumar RAMACHANDRAN NAIR (India)

16612 CLINICAL RESULTS OF VOLAR LOCKING PLATE FIXATION WITH MIPO TECHNIQUE FOR DISTAL RADIUS FRACTURES

Yukichi ZENKE, Toshihisa OSHIGE, Akinori SAKAI, Shirou MORITANI (Japan)

- 16616 COMPLEMENTARY K-WIRE OSTEOSYNTHESIS IN COMPARISON TO THE STAND ALONE FIXATEUR EXTERNE PROCEDURE IN THE TREATMENT OF DISTAL RADIUS FRACTURES**
Matthias BLANKE, Telse GRÖTECKE, Alexander OLK, Friedrich HENNIG, Carl KOLVENBACH (Germany)
- 17040 CAN RADIOGRAPHIC FINDINGS PREDICT OUTCOME OF INTRA-ARTICULAR DISTAL RADIUS FRACTURES? A PROSPECTIVE MULTI-CENTER STUDY**
Tak Wing LAU, Frankie LEUNG (Hong Kong)
- 17200 MANAGEMENT OF DISTAL RADIUS FRACTURES IN A DISTRICT GENERAL HOSPITAL IN SOUTH WALES – AN ANALYSIS**
Ashok MARUDANAYAGAM, Prakash KANSE, Chandra DHANANA, Venugopal GUDURI (United Kingdom)
- 17648 PROSPECTIVE STUDY OF OPEN REDUCTION AND INTERNAL FIXATION OF EXTRAARTICULAR FRACTURE OF DISTAL RADIUS USING AO 3.5MM LOCKING PLATE**
Michael TO, Tak Wing LAU, Frankie LEUNG (Hong Kong)
- 17926 BRUNELLI PROCEDURE FOR SCAPHOLUNATE INSTABILITY – A CASE SERIES**
Kiran Kumar SINGISETTI, Shyam Sundar SWARNA (United Kingdom)
- 18324 DOES THE FUNCTIONAL OUTCOME OF SCAPHOID FRACTURES DEPEND ON THE TYPE OF SCREW YOU USE?**
Wolfram TESKE, Claudia RADEMACHER, Gunter HUEBNER, Helmut TASSLER (Germany)
- 18380 DISTAL RADIUS INTRA-ARTICULAR MELONE 2A AND 2B INJURIES, METHODS OF TREATMENT AND RESULTS BY LINDSTROM GRADING**
Vikas SHARMA (United Kingdom)
- 18587 FACTORS ASSOCIATED WITH DRUJ INSTABILITY AMONG PATIENTS WITH ACUTE DISTAL RADIUS FRACTURES**
Czar Louie GASTON, Tammy DELA ROSA (Philippines)

15:30-16:00 *Break / Poster Discussion*

16:00-17:30 **Free Papers – Trauma: Polytrauma & New Techniques**

Moderators: Jochen EULERT (Germany) & Chi Fat CHAN (Hong Kong)

- 16004 RESULTS OF SURGICAL MANAGEMENT OF UNSTABLE PELVIC RING INJURIES**
Mohamed ALAMELDIN (Egypt)
- 16223 TREATMENT OF PELVIC RING INJURIES AND ACETABULAR FRACTURES USING MODIFIED STOPPA APPROACH**
Kap Jung KIM, Hayong KIM, Won-Sik CHOY, Sang Ki LEE (Korea)
- 17689 TREATMENT IN REPERFUSION SYNDROME FOLLOWING ACUTE LOWER LIMB ISCHAEMIA**
Olivera LUPESCU, Mihail NAGEA, Gheorghe Ion POPESCU, Cristina PATRU, Doriana LUPESCU (Romania)
- 17696 COMPLEX INJURIES OF THE LIMBS – PROBLEMS CONCERNING DIAGNOSIS AND TREATMENT**
Olivera LUPESCU, Mihail NAGEA, Cristina PATRU, Cornelia VASILACHE, Doriana LUPESCU (Romania)
- 17701 DAMAGE CONTROL ORTHOPAEDIC SURGERY FOR POLYTRAUMA WITH FEMORAL FRACTURES**
Olivera LUPESCU, Mihail NAGEA, Cristina PATRU, Stefan NICULESCU, Doriana LUPESCU (Romania)
- 18011 EXTERNAL FIXATOR CONTROLLED BY ELECTROMOTORS**
Klaus SEIDE, Nourddine BAHRI, Robert WENDLANDT, Frank WACKENHUT, Uwe SCHÜMANN, Christian JUERGENS (Germany)
- 18122 AN INTERNAL FIXATOR WITH A LOAD MEASURING TELEMETRY SYSTEM**

Klaus SEIDE, Maximilian FASCHINGBAUER, Nils WEINRICH, Frank WACKENHUT, Christian JUERGENS (Germany)

18308 OUTCOME OF FEMORAL NECK FRACTURE IN THE YOUNG ADULT

Deepu BHASKAR, Debashish CHAKRAVARTI, Kieran SINGISETTI, Roshan RAGHAVAN, Martyn PARKER (United Kingdom)

18403 INJURIES ON THE LONDON UNDERGROUND- AN OBSERVATIONAL STUDY OF THE HELICOPTER EMERGENCY MEDICAL SERVICE (HEMS)

Zaki CHOUDHURY, Gareth DAVIES (United Kingdom)

18419 HIGH VELOCITY SUBTROCHANTERIC FRACTURES TREATED WITH BIOLOGICAL PLATING

Thilak JEPEGANAM, Manasseh NITHYANANTH, P.R.J.V.C. BOOPALAN, Vinoo Mathew CHERIAN, V.T.K. TITUS (India)

18500 OSTEOSYNTHESIS OF MULTIPLE FRACTURES OF LOWER EXTREMITIES' LONG BONES IN VICTIMS WITH POLYTRAUMA

Sabyrbek DJUMABEKOV, Arstanbek IMANALIEV (Kyrgyzstan)

18770 ENHANCEMENT OF OSTEOGENESIS IN LONG BONES BY PLATELETS – A CLINICAL STUDY OF 39 PATIENTS

Anil ARORA, S. KUMAR, Anil AGARWAL, Apurv MEHRA (India)

08:00-09:00

CTL – Foot & Ankle: Hallux Valgus

Moderators: Henry Siu Fai YIP (Hong Kong) & Kwai Ming SIU (Hong Kong)

PATHOPHYSIOLOGY AND ASSESSMENT

Henry Siu Fai YIP (Hong Kong)

SURGICAL TREATMENTS

Kwai Ming SIU (Hong Kong)

ARTHROSCOPIC-ASSISTED HV CORRECTION

Tun Hing LUI (Hong Kong)

1ST MTPJ ARTHROSCOPY IN HV PATIENTS

Tun Hing LUI (Hong Kong)

09:00-10:30

Symposium & Free Papers – Basic Science: Biomaterials

Moderators: Kelvin W.K. YEUNG (Hong Kong) & Zhaoyang LI (Hong Kong)

NEW BEARING SURFACES FOR TOTAL KNEE REPLACEMENT

Stuart GOODMAN (United States)

19146 RECENT DEVELOPMENT OF PLASMA SURFACE TECHNOLOGY IN ORTHOPAEDIC BIOMATERIALS

Kelvin W.K. YEUNG (Hong Kong)

REVISION HIP REPLACEMENT – THE CHALLENGE OF SIGNIFICANT BONE LOSS

Thomas R. OXLAND (Canada)

17299 MODIFICATIONS OF SERUM CYTOKINE PROFILE IN RHEUMATOID ARTHRITIS PATIENTS DURING INFLIXIMAB THERAPY

Masao SATO, Masao TAKEMURA, Ryo TANAKA, Ryuki SHINOHE, Kuniaki SAITO, Shoji TAKEUCHI, Katsuji SHIMIZU (Japan)

18267 AUTOHEMOTRANSFUSION – AN ALTERNATIVE METHOD FOR DONOR'S BLOOD TRANSFUSION IN ORTHOPAEDIC SURGERY?

Igor DOROZHKO, Viktor VOLOSHIN, Vladimir LITVINOV, Saravanan ARUMUGAM (Russian Federation)

17476 SOLUBILITY ISOTHERMS OF GRADIENT STRONTIUM-REINFORCED HAP BY SOLID TITRATION

Hao Bo PAN, Zhaoyang LI, W.M. LAM, C.T. WONG, Keith D.K. LUK, W.W. LU (Hong Kong)

16667 PROGNOSTIC SIGNIFICANCE OF BSALP IN HEALING OF LONG BONE FRACTURES

Ante MULJACIC, Renata POLJAK-GUBERINA (Croatia)

10:30-11:00

Break / Poster Discussion

11:00-12:15

Symposium – General Orthopaedics: DM Foot

Moderators: Margaret WONG (Hong Kong) & Wing Cheung WONG (Hong Kong)

SURGICAL MANAGEMENT OF CHARCOT FOOT

Margaret WONG (Hong Kong)

19165 MANAGEMENT OF DIABETIC FOOT INFECTION

Wing Cheung WONG (Hong Kong)

FOOT SALVAGE IN DIABETIC FOOT – FACTORS TO CONSIDER

Samson CHAN (Hong Kong)

FLAP COVERAGE FOR DIABETIC FOOT

Ping Tak CHAN (Hong Kong)

12:15-13:00 **Plenary Lecture in Theatre 1**

13:00-14:00 **Lunch Symposium – Stryker**

TOTAL JOINT REPLACEMENT: PAST, PRESENT, FUTURE

James D'ANTONIO, Aiguo WANG (United States)

14:00-15:30 **Symposium – Joint: Dual Mobility Cup - Sponsored by Groupe Lépine, Serf, Amplitude**

Chairman: Olivier GUYEN (France)

Introduction

DUAL MOBILITY CUPS: HISTORY OF A CONCEPT

G. CASCIA, N. RUSSO, J. BEJUI-HUGUES (Italy)

BIOMECHANICS OF THE DUAL MOBILITY CUP

Olivier GUYEN (France)

30-YEAR FRENCH EXPERIENCE WITH THE USE OF DUAL MOBILITY CUPS

Frédéric FARIZON (France)

DUAL MOBILITY CUPS AND POLYETHYLENE WEAR

P. ADAM (France)

STRESS TRANSMISSION AT THE BONE-CUP INTERFACE

P. ADAM (France)

THE USE OF A DUAL MOBILITY SOCKET TO RESTORE HIP STABILITY

Rémi PHILIPPOT (France)

PRIMARY HIP REPLACEMENTS WITH THE USE OF A DUAL MOBILITY SOCKET IN PATIENTS AT RISK FOR DISLOCATION

Vincent PIBAROT (France)

Conclusion & Discussion

15:30-16:00 **Break / Poster Discussion**

16:00-17:30 **Free Papers – Joint: Osteotomies Around the Hip**

Moderators: Rocco PITTO (New Zealand) & Thami BENZAKOUR (Morocco)

16238 TOTAL HIP ARTHROPLASTY IN HIGH RIDING CONGENITAL DISLOCATION OF THE HIP, RESULTS OF TWO METHODS OF FEMORAL SHORTENING OSTEOTOMY

Mohammad Taghi GHAZAVI, Zahra FARAHAANI (Iran)

16414 COMPARATIVE RESULTS OF ANGLED CONDYLAR PLATE AND T-PLATE AS A FIXATION TOOL IN HIGH TIBIAL OSTEOTOMY

Ayman GOUDA, Khalid BATTERJEE, Osama FARAG (Saudi Arabia)

16523 CLINICAL AND RADIOLOGICAL OUTCOME OF GANZ OSTEOTOMY

Sattar ALSHRYDA, Gavin DE KIEWIET (United Kingdom)

16726 FUNCTIONAL ANTHROPOMETRIC MEASUREMENT OF INDIAN PELVIS ON PLAIN RADIOGRAPH

Lalit MAINI, Nishant JAIN, V.K. GAUTAM (India)

16920 TOTAL JOINT REPLACEMENT CLINICAL OUTCOMES: THE DIFFERENCE BETWEEN GENDERS

Dale WILLIAMS, Justin DEBEER, Danielle PETRUCELLI (Australia)

16935 FEMORAL SHORTENING OSTEOTOMY IN CEMENTLESS TOTAL HIP ARTHROPLASTY WITH THE USE OF A MODULAR FEMORAL COMPONENT FOR HIGH HIP DISLOCATION

Hiroyasu OGAWA, Yoshiki ITO, Mansho ITOKAZU, Nobuyuki MORI, Takashi SHIMIZU, Nobuo TERABAYASHI, Daichi ISHIMARU, Katsuji SHIMIZU (Japan)

17328 SLOTTED ACETABULAR AUGMENTATION WITH CONCURRENT OPEN REDUCTION FOR DEVELOPMENTAL DYSPLASIA OF THE HIP IN OLDER CHILDREN

Ruijiang XU (China)

17466 TRANSOSSEOUS OSTEOSYNTHESIS IN TREATMENT OF CONGENITAL DISLOCATION OF FEMUR AT CHILDREN

Vladimir SHEVTSOV, Mikhail TEPLENKY (Russian Federation)

18703 TRANSPOSTIONAL ACETABULAR OSTEOTOMY (TAO) COMBINED WITH BONE GRAFT AS A TREATMENT FOR SEVERE ACETABULAR DYSPLASIA

Elsayed SAID, Masaaki MAWATARI, Motoki SONOHATA, Takao HOTOKEBUCHI (Japan)

Monday, 25 August 2008

Room 406/407

08:00-09:00 **CTL – Sports Medicine: Current Concepts in Patellofemoral Joint Disorders**

Moderator: Gonzalo VAZQUEZ-VELA (Mexico) & Wilson LI (Hong Kong)

EVALUATION OF PATELLAR INSTABILITY: PEARLS AND PITFALLS

Albert VAN KAMPEN (Netherlands)

COMMON PATELLOFEMORAL PROBLEMS: WHAT TO DO AND WHY?

Chadwick SMITH (United States)

09:00-10:30 **Free Papers – Sports Medicine: Articular Cartilage Repair**

Moderator: Albert VAN KAMPEN (Netherlands) & Hatem SAID (Egypt)

16210 INTRA-ARTICULAR INJURIES OF KNEE JOINT IN DIFFERENT AGE GROUPS

A.V. BELETSKY, M.A. GERASIMENKO, E.V. ZHUK (Belarus)

16676 BIOLOGIC FIXATION IN OSTEOCHONDritis DISSECANS WITH MOZAIKPLASTY

Tuluhan Yunus EMRE, Macit UZUN, Özgür ÖZER (Turkey)

17103 OATS GRAFTS IN OSTEOCHONDRAL DEFECTS OF THE KNEE

Hatem SAID (Egypt)

17108 EFFICACY OF HYLAN G-F 20 AND SODIUM HYALURONATE IN TREATMENT OF OSTEOARTHRITIS OF KNEE – A PROSPECTIVE RANDOMIZED BLINDED CLINICAL TRIAL

Raghu RAMAN, A. DUTTA, Nicky DAY, H.K. SHARMA, Chris SHAW, G.V. JOHNSON (United Kingdom)

17464 LARGE OSTEOCHONDRAL DEFECTS OF THE FEMORAL CONDYLE WITH THE MEGA OATS TECHNIQUE – A 5-YEAR FOLLOW-UP

Erik HOHMANN¹, Andreas IMHOFF²

¹(Australia), ²(Germany)

17617 LONG-TERM FOLLOW-UP OF TWO CONTINUED SERIES OF YOUNG ATHLETES AFTER ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION WITH HAMSTRINGS TREATED WITH ELECTROMAGNETIC WAVES, TECAR-THERAPY DEVICE

Piefilippo BOTTIGLIA AMICI-GROSSI, Eleonora Paola FUSI, Elisabetta DIOTTI, Paolo FERRUA, Mara AVELLA, Cesare VERDOIA (Italy)

17634 OSTEOCHONDRAL DEFECTS OF THE KNEE: AUTOLOGOUS CHONDROCYTE IMPLANTATION ALLOWS RETURN TO PHYSICAL ACTIVITY AND SPORTS

Parag JAISWAL, Simon MACMULL, Richard CARRINGTON, John SKINNER, Tim BRIGGS, George BENTLEY (United Kingdom)

17814 NOVEL IDENTITY AND POTENCY QUALITY CONTROL ASSAYS FOR AUTOLOGOUS CHONDROCYTE IMPLANTATION

Steve RAPKO, Amy PARKER, Christina MORTELLITI, Stephen DUGUAY, Leslie WOLFE (United States)

18300 RESURFACING FOR SPORTIVE PATIENTS: HEMICAP RESULTS AND BIOMECHANIC IN VITRO TESTS

Gobert V. SKRBENSKY¹, Christoph BECHER², Maximilian SCHMIDT¹

¹(Austria), ²(Germany)

18347 ANALYSIS OF MENISCAL AND CHONDRAL LESIONS ACCOMPANYING ANTERIOR CRUCIATE LIGAMENT TEARS

Eyup Selahattin KARAKAS, Mehmet Nurullah ERMİS, Ozgun ERCELTIK, Umit TUHANIUGLU, Hasan DOGRULOGLU, Sukru Levent UCAR (Turkey)

10:30-11:00 **Break / Poster Discussion**

11:00-12:15

Symposium – Sports Medicine: Surgical Realignment for Patellofemoral Disorders

Moderators: Wilson LI (Hong Kong) & Gonzalo VAZQUEZ-VELA (Mexico)

THE BIOMECHANICS OF PATELLOFEMORAL JOINT INSTABILITY & DECISION MAKING STRATEGIES FOR OPTIMISING PROXIMAL & DISTAL REALIGNMENT

Chadwick SMITH (United States)

19147 MEDIAL PATELLOFEMORAL LIGAMENT RECONSTRUCTION: STATE OF THE ART

Wilson LI (Hong Kong)

TROCHLEOPLASTY FOR PATELLOFEMORAL REALIGNMENT: RATIONALE AND RESULTS

Albert VAN KAMPEN (Netherlands)

12:15-13:00

Plenary Lecture in Theatre 1

13:00-14:00

Lunch Symposium – DePuy

Lunch boxes will be served to attendees of the session.

THE PROXIMA HIP

Francesco Saverio SANTORI (Italy)

14:00-15:30

**International Society for Minimal Intervention in Spinal Surgery (ISMISS)
Triennial Scientific Session Part I**

Moderators: John CHIU (United States) & Christof BIRKENMAIER (Germany)

Opening, ISMISS Presidential Review 2005-2008

John CHIU (United States)

17334 FORAMINOSCOPIC LUMBAR DISC SURGERY: CONCEPT / EXPERIENCE

Hansjoerg LEU (Switzerland)

16860 ENDOSCOPIC LUMBAR DISCECTOMY

Kisan PATOND, Roshan BHAI SARE (India)

17998 AUTOMATED OPEN LASER DISCECTOMY (AOLD) ON THE LUMBAR DISC HERNIATION – EARLY EXPERIENCE

Sang-Ho LEE, Jin-Sung KIM, June Ho LEE (Korea)

17850 ENDOSCOPIC MICRODECOMPRESSIVE CERVICAL DISCECTOMY AND FORAMINAL DECOMPRESSION

John CHIU (United States)

17990 PERCUTANEOUS ANTERIOR SPINE SURGERY FOR CERVICAL DISC HERNIATION

Jin Kuk KIM, Byungjoo JUNG, Sang-Ho LEE (Korea)

18002 PERCUTANEOUS CERVICAL DISC DECOMPRESSION

Satana TOLGAY (Turkey)

16764 MINIMAL INVASIVE SURGICAL TREATMENT OF THE LUMBAR FACET SYNDROME

Vladimir RADCHENKO (Ukraine)

18590 DISCECTOMY WITH FACET JOINT FUSION

Saurabh SINGH, Sudeep JAIN (India)

18332 RESULTS OF AUTOLOGOUS DISC CELL REPLANTATION FOR DEGENERATIVE DISC DISEASE

Petra KREPLER, Josef GROHS (Austria)

ISMISS Board Reconstitution / Presidential Insignia Transition

John CHIU (United States), Hansjoerg LEU (Switzerland)

15:30-16:00

Break / Poster Discussion

16:00-17:30

**International Society for Minimal Intervention in Spinal Surgery (ISMISS)
Triennial Scientific Session Part II**

Moderators: Hansjoerg LEU (Switzerland) & Vladimir RADCHENKO (Ukraine)

Opening, ISMISS Presidential Outlook 2008-2011

Hansjoerg LEU (Switzerland)

18261 MINIMALLY INVASIVE SURGICAL TREATMENT WITH INTERSPINOUS PROCESS IMPLANT FOR LUMBAR SPINAL STENOSIS

John CHIU (United States)

16592 A NEW PERCUTANEOUS LOCAL ANAESTHETIC DEVICE FOR LUMBAR SPINAL STENOSIS – RESULTS OF OUR FIRST 50 CASES USING SUPERION

Reuven GEPSTEIN, Shay SHABAT (Israel)

18260 ADJACENT OR JUNCTIONAL DISC HERNIATIONS IN POST SPINAL FUSION TREATED WITH ENDOSCOPIC SPINAL SURGERY FOR SEGMENTAL MOTION PRESERVATION

John CHIU (United States)

17298 COMPARATIVE STUDY OF BALLOON KYPHOPLASTY WITH UNILATERAL VERSUS BILATERAL APPROACH IN OSTEOPOROTIC VERTEBRAL COMPRESSION FRACTURES

Kook Jin CHUNG, Hoi Soo YOON, In Hyup KWON (Korea)

17213 INCORRECT FRACTURE ANALYSIS IN KYPHOPLASTY – POTENTIAL FOR SEVERE COMPLICATIONS

Christof BIRKENMAIER, Hans TROUILLIER, Tamara SEIDL, Bernd WEGENER, Christoph VON SCHULZE, Volkmar JANSSON (Germany)

16830 BALLOON KYPHOPLASTY USING KYPHOSTM FS® CALCIUM PHOSPHATE BONE SUBSTITUTE IN TRAUMATIC VERTEBRAL BODY FRACTURES

Jan VAN MEIRHAEGHE¹, J. HILLMEIER², J.P. MEEDER², Rainer GUMPERT³, Paul VANDERSCHOT¹, Franz ORTNER³

¹(Belgium), ²(Germany), ³(Austria)

17194 THE EMOTIONAL STATE OF THE PATIENT AFTER BALLOON KYPHOPLASTY

Jiong Jiong GUO, Huilin YANG (China)

17857 PERCUTANEOUS VERTEBRAL AUGMENTATION AND RECONSTRUCTION WITH AN INTERVERTEBRAL MESH AND MORCELLED BONE GRAFT

John CHIU (United States)

Summary / Closing Remarks

Hansjoerg LEU (Switzerland)

Monday, 25 August 2008

Room 408

08:00-09:00 **CTL – General Orthopaedics: Current Concepts in Osteoporosis Management**

Moderators: Hok Leung WONG (Hong Kong) & Annie KUNG (Hong Kong)

19078 SURGICAL MANAGEMENT OF OSTEOPOROTIC FRACTURE

Frankie LEUNG (Hong Kong)

NON-OPERATIVE MANAGEMENT OF OSTEOPOROSIS

Annie KUNG (Hong Kong)

09:00-10:30 **Free Papers – General Orthopaedics: Learning & Teaching**

Moderators: Stephen B. ABELOW (United States) & Wai Pan YAU (Hong Kong)

15727 LEARNING CURVE OF A NAVIGATION SYSTEM FOR TOTAL KNEE REPLACEMENT. A MULTICENTRIC STUDY

Jean-Yves JENNY¹, Rolf MIEHLKE², Alexander GIUREA³, Yann DIESINGER¹

¹(France), ²(Germany), ³(Austria)

15900 QUALITY ASSESSMENT OF THE POSTOPERATIVE RADIOGRAPHS IN JOINT REPLACEMENT SURGERY: A RETROSPECTIVE STUDY

Zaid JIBRI, Suresh FERNANDO, Saqeb MIRZA, Benjamin OLLIVERE, Malcolm GLASGOW (United Kingdom)

16376 COMPUTER NAVIGATION DID NOT IMPROVE ALIGNMENT IN A LOWER-VOLUME TOTAL KNEE PRACTICE

Wai Pan YAU, K.Y. CHIU (Hong Kong)

16378 ERRORS IN THE IDENTIFICATION OF THE DISTAL FEMUR TRANSEPICONDYLAR AND ANTERIOR POSTERIOR AXES IN MINIMAL INCISION TKR AND CONVENTIONAL INCISION TKR - A CADAVERIC STUDY

Wai Pan YAU, K.Y. CHIU (Hong Kong)

16382 CUTTING ERRORS IN TOTAL KNEE REPLACEMENT

Wai Pan YAU, K.Y. CHIU, C.H. YAN (Hong Kong)

16477 EXPERIMENT PREOPERATIVE PLANNING FOR HIP SURGERY USING 3D PLASTIC REPLICA WITH STEREO LITHOGRAPHY

Kensuke FUKUSHIMA, Naonobu TAKAHIRA, Katsufumi UCHIYAMA, Moritoshi ITOMAN (Japan)

17709 DO'S AND DON'TS FOR ORTHOPAEDIC SURGEON TO AVOID WELL-LEG ACUTE COMPARTMENT SYNDROME

Kiran Kumar SINGISETTI, Shyam Sundar SWARNA, Hans FUCHS (United Kingdom)

17976 THE DESIGN HISTORY AND CLINICAL RESULTS OF CERAMIC TOTAL KNEE

Sok Chol KIM, Hiroyuki OONISHI, Hironobu OONISHI, Masayuki KYOMOTO, Mikio IWAMOTO, Masaru UENO (Japan)

18059 CO-VARIATES OF REFERRAL FOR REHABILITATION AFTER POSTERIOR LUMBAR FUSION

Emin AGHAYEV¹, Markus MELLOH², Thomas ZWEIG¹, Lukas STAUB¹, Thomas BARZ³, Peter RIEGER³, Jean-Claude THEIS², Christoph ROEDER¹

¹(Switzerland), ²(New Zealand), ³(Germany)

18065 ABC OF SHOULDER RADIOGRAPHS

Nick LITTLE, Anna PRASTHOFER, David RICKETTS (New Zealand)

18420 HIP APPROACHES USED WORLDWIDE BY SICOT SURGEONS

Venkata Sunil DACHEPALLI (United Kingdom)

18633 NEED-BASED INNOVATIONS IN ORTHOPAEDICS

S.S. SANGWAN, Zile Singh KUNDU (India)

10:30-11:00

Break / Poster Discussion

11:00-12:15

Symposium – Kashin Beck Disease

Moderators: Maurice HINSENKAMP (Belgium) & John C.Y. LEONG (Hong Kong)

CLINIC/RADIOLOGIC DESCRIPTION AND ENVIRONMENTAL AGRAVATING FACTORS

Maurice HINSENKAMP, Françoise MATHIEU, Jean-François COLLARD (Belgium)

18197 PREVALENCE SURVEY OF KASHIN-BECK DISEASE IN TIBET AUTONOMOUS REGION

Sheero RAPTEN, Tashi SAMDUP, Lobsang TSHUNZIN (China)

17588 KASHIN BECK DISEASE IS AN AGRO-ENVIRONMENTAL DISEASE: THE SOUTH CENTRAL TIBETAN INPUT

Eric HAUBRUGE, Camille CHASSEUR, Georges LOGNAY, Françoise MATHIEU, François MALAISSE (Belgium)

17842 GROWTH OF YOUNG CHILDREN LIVING IN A KBD ENDEMIC AREA IN CENTRAL TIBET

Philippe GOYENS¹, Pascale BALLY¹, Sheero RAPTEN², Rinzin WANGLA², Viviane DE MAERTELAER¹, William CLAUS¹, Françoise MATHIEU¹
¹(Belgium), ²(China)

17816 RICKETS IN YOUNG CHILDREN LIVING IN A KBD ENDEMIC AREA IN CENTRAL TIBET

Philippe GOYENS¹, Pascale BAILLY¹, Zhu WANG², Sheero RAPTEN², Viviane DE MAERTELAER¹, William CLAUS¹, Françoise MATHIEU¹
¹(Belgium), ²(China)

17633 THREE YEARS OF FUNGAL CONTAMINATION FOLLOW-UP OF THE STORED BARLEY SAMPLED IN ENDEMIC AND NON ENDEMIC KBD AREAS, IN THE TIBETAN AUTONOMOUS REGION (TAR, CHINA)

Camille CHASSEUR¹, Pascal KANYANDEKWE¹, Georges LOGNAY¹, Carl SUETENS¹, Rinchen LOBSANG², Françoise MATHIEU¹
¹(Belgium), ²(China)

17610 ANALYSIS OF ERGOSTEROL AND THE MAIN ALTERNARIA MYCOTOXINS IN CEREALS FROM ENDEMIC AND NON ENDEMIC KBD AREAS IN TAR

Georges LOGNAY, Quentin DENIS, Camille CHASSEUR, Françoise MATHIEU (Belgium)

18008 EFFECT OF DRYING TIMES ON FUNGAL CONTAMINATION OF GRAIN IN KASHIN-BECK DISEASE ENDEMIC AREAS IN THE TIBETAN AUTONOMOUS REGION

Lixing HE¹, Camille CHASSEUR², Carl SUETENS², Pema DROLKAR¹, Françoise MATHIEU²
¹(China), ²(Belgium)

17661 PREVENTION TRIAL ON KASHIN-BECK DISEASE (KBD) IN TIBET AUTONOMOUS REGION (TAR)

Carl SUETENS¹, Françoise MATHIEU¹, Camille CHASSEUR¹, Philippe GOYENS¹, William CLAUS¹, Rinchen LOBSANG², Lhakpa WANGDU², Maurice HINSENKAMP¹
¹(Belgium), ²(China)

17542 KBD STUDIES: CRITICAL OVERVIEW OF THE EXPERIMENTAL DESIGNS AND STATISTICAL ANALYSES

Viviane DE MAERTELAER (Belgium)

Discussion

12:15-13:00

Plenary Lecture in Theatre 1

13:00-14:00

Lunch

14:00-15:30

Free Papers – General Orthopaedics: Functional Outcome I

Moderators: Franz BURNY (Belgium) & Chun Hoi YAN (Hong Kong)

16580 UNILATERAL TOTAL HIP ARTHROPLASTY: INDICATORS FOR POOR OUTCOME AT 3 YEARS

Simon JOHNSON, Andy BALLANTYNE, Sam MOLYNEUX (United Kingdom)

- 16618 PAIN IN THE ASSESSMENT OF OXFORD PHASE 3 UNICOMPARTMENTAL KNEE ARTHROPLASTY (UKA)**
Lukas LISOWSKI, Inez CURFS, Andrzej LISOWSKI (Netherlands)
- 16711 LONG-TERM RESULTS OF 586 CEMENTLESS PRIMARY THR USING HAC COATED ENDOPROSTHESIS**
Raghu RAMAN, David DICKSON, Vasanth ESWARAMOORTHY, Peter ANGUS (United Kingdom)
- 16989 THE INTERNATIONAL SPINE REGISTRY SPINE TANGO - STATUS QUO AND FIRST RESULTS**
Markus MELLOH¹, Thomas ZWEIG², Lukas STAUB², Emin AGHAYEV², Thomas BARZ³, Peter RIEGER³, Jean-Claude THEIS¹, Christoph ROEDER²
¹(New Zealand), ²(Switzerland), ³(Germany)
- 17000 PREDICTIVE FACTORS OF PHYSICIAN-BASED OUTCOMES AFTER POSTERIOR LUMBAR FUSION IN THE SPINE TANGO REGISTRY**
Markus MELLOH¹, Thomas ZWEIG², Emin AGHAYEV², Lukas STAUB², Thomas BARZ³, Peter RIEGER³, Jean-Claude THEIS¹, Christoph ROEDER²
¹(New Zealand), ²(Switzerland), ³(Germany)
- 17114 OUTCOME OF REVISION TOTAL HIP ARTHROPLASTIES; A 5-YEAR RETROSPECTIVE STUDY IN A DISTRICT GENERAL HOSPITAL**
Yousaf SHAH, Turab SYED, Ravi GANGONE, Fauzia ZAFAR, Andrew FLOYD, Martin WETHERILL (United Kingdom)
- 17721 THIRTY-DAY MORTALITY RATE AND RISK FACTORS AFTER 3232 PRIMARY THAs IN A SINGLE INSTITUTION**
Fernando COMBA, Martin BUTTARO, Ignacio ALONSO HIDALGO, Francisco PICCALUGA (Argentina)
- 17734 PREOPERATIVE FACTORS THAT PREDICT SEQUENTIAL IMPROVEMENT IN CLINICAL AND FUNCTIONAL OUTCOME FOLLOWING TOTAL KNEE ARTHROPLASTY**
Benedict ROGERS, Lynda UNITT, Steve CANNON, Tim BRIGGS (United Kingdom)

15:30-16:00 *Break / Poster Discussion*

16:00-17:30 **Free Papers – General Orthopaedics: Functional Outcome II**

Moderators: Haisheng LI (Denmark) & Wing Cheung WONG (Hong Kong)

- 17747 TYPE OF ANAESTHESIA FOR TOTAL KNEE ARTHROPLASTY - A STUDY ON PATIENT SATISFACTION**
Ashok MARUDANAYAGAM, Mohammad YAQOOB, Karadi Hari SUNIL KUMAR (United Kingdom)
- 17971 GAIT ANALYSIS OF FUNCTION AFTER TOTAL HIP ARTHROPLASTY IN COMPARISON TO RESURFACING HIP ARTHROPLASTY**
Reinhard WINDHAGER, Werner MAURER-ERTL, Gregor KIENBACHER, Michael PECHMANN, Andreas LEITHNER, Ernst Bernhard ZWICK (Austria)
- 18021 LIFE QUALITY AND OSTEOPOROSIS**
Vladyslav POVOROZNYUK, Tetyana ORLYK (Ukraine)
- 18042 CLINICAL, FUNCTIONAL AND RADIOLOGICAL EVALUATION OF TOTAL HIP REPLACEMENT IN VARIOUS PAINFUL HIP DISORDERS**
S.K. MUKHERJEE, A.S. DAU, V.K. JAIN (India)
- 18254 METAL ON METAL HIP RESURFACING: PROSPECTIVE STUDY RESULTS**
Michael GRECOLA, Justin KLIMISCH (United States)
- 18365 OUTCOMES OF VANCOUVER B PERIPROSTHETIC HIP FRACTURE TREATED WITH LONG, CEMENTLESS DISTALLY FIXED STEMS**
Paulo Gilberto Cimbalista ALENCAR, Marcelo ABAGE, Julio KOURY (Brazil)
- 18408 FEMOROACETABULAR IMPINGEMENT - WHERE ARE WE NOW?**
Vikas KHANDUJA, Richard VILLAR (United Kingdom)

18567 WHY SOME COUNTRIES DO NOT HAVE A NATIONAL JOINT REGISTRY
Kayode ODUWOLE, Mary CODD, John O'BYRNE, Paddy KENNY (Ireland)

08:00-12:15 **International Hip Society (open session)**

Opening Remark

Laurent SEDEL (France)

Session 1: Basics

Moderator: Laurent SEDEL (France)

- 19056 OPENLY REPORTED QUALITY INDICATORS IN THE SWEDISH HIP ARTHROPLASTY REGISTER**
Peter HERBERTS (Sweden)
- 19052 IN VIVO MEASUREMENT OF POLYETHYLENE WEAR IN THJR**
Peter A. DEVANE (New Zealand)
- 19059 FIVE TO 7 YEARS EXPERIENCES WITH HIGHLY CROSS- LINKED PE**
Johan KÄRRHOLM (Sweden)
- 19057 FOREIGN BODY REACTION AFTER TOTAL HIP ARTHROPLASTY**
William J. MALONEY (United States)
- 19055 CERAMIC-CERAMIC VERSUS CERAMIC-POLYETHYLENE BEARING ON THE CONTRALATERAL HIP: A 20 YEARS STUDY OF 21 PATIENTS WITH OSTEONECROSIS**
Philippe HERNIGOU (France)

Session 2: Total Hip in Young

Moderator: Laurent SEDEL (France)

- 19041 ALL ALUMINA BEARINGS THR IN PATIENTS UNDER 50**
Laurent SEDEL (France)
- 19058 MINIMUM 5 YEAR FOLLOW-UP RESULTS OF TOTAL RESURFACING ARTHROPLASTY IN PATIENTS WITH OSTEONECROSIS OF THE FEMORAL HEAD**
Myung Chul YOO (Korea)
- 19036 THE INITIAL EXPERIENCE OF THE BIRMINGHAM RESURFACING REPLACEMENT IN USA. A SAFETY SURVEY FOR INTRODUCTION OF BHR WITH FOLLOW-UP OF THE FIRST 540 CASES**
Henrik MALCHAU (United States)
- 19049 IS POLYETHYLENE STILL A SOLUTION IN YOUNG PATIENTS?**
Moussa HAMADOUCHE (France)
- 19047 THA IN DEVELOPMENTAL DYSPLASIA**
Miguel CABANELA (United States)

Discussion

Session 3: Complications and Conservative Options

Moderator: Miguel CABANELA (United States)

- 19046 TOTAL HIP DISLOCATION**
Daniel J. BERRY (United States)
- 19048 TWO-STAGE REVISION HIP REPLACEMENT WITH AN INTERVAL ANTIBIOTIC-LOADED SPACER FOR THE MANAGEMENT OF INFECTION: A 10-15 YEAR FOLLOW-UP IN 103 PATIENTS**
Clive P. DUNCAN (Canada)

Discussion

10:30:10:50 **Break / Poster Discussion**

Session 3: Complications and Conservative Options *(continued)*

Moderator: Miguel CABANELA (United States)

- 19051 MANAGEMENT OF PERIACETABULAR BONE LOSS IN REVISION ARTHROPLASTY**
Allan GROSS (Canada)
- 19054 STEM REVISION: SOME SPECIAL TOOLS**
Laurent SEDEL (France)
- 19037 COMPUTER AIDED CUSTOM-MADE HEMIPELVIC PROSTHESIS USED IN PELVIC TUMOR OF THE ACETABULUM**
Kerong DAI (China)
- 19064 RESULTS OF BERNESE PERIACETABULAR OSTEOTOMY PERFORMED IN PATIENTS OVER AGE FORTY**
Michael B. MILLIS (United States)
- 19042 MEAN 20-YEAR FOLLOW-UP OF BERNESE PERIACETABULAR OSTEOTOMY**
Reinhold GANZ (Switzerland)
- 19060 FIFTY YEARS OF CHIARI'S PELVIC OSTEOTOMIES**
Rainer KOTZ (Austria)

General Discussion

12:15-13:00 **Plenary Lecture in Theatre 1**

13:00-14:00 **Lunch**

14:00-17:30 **World Federation of Hemophilia (WFH)**

Moderator: Muhammad Tariq SOHAIL (Pakistan)

- 18994 BLOOD INDUCED JOINT DAMAGE AS A RECURRENT INTRA-ARTICULAR BLEEDS**
Goris ROOSANDAAL, N.W.D. JANSEN, F.P. LAFEVER (Netherlands)
- 18996 SYNOVITIS TREATMENT WITH INTRA-ARTICULAR P32-COLLIOD HEMOPHILIACS**
Horacio CAVIGLIA, Victoria Ester SOROA, Carlos GIANNONE, Gustavo GALATRO, N. MORETTI (Argentina)
- 19002 PERCUTANEOUS TREATMENT OF CHRONIC HEMOPHILIA ARTHROPATHY**
Federico FERNANDEZ-PALAZZI, Rafael VISO, Absara BOADAS, Arlette SAEZ, Norma DE BOSCH (Venezuela)
- 18003 RADIOISOTOPE SYNOVECTOMY IN CHILDREN WITH HEMOPHILIA BELOW 10 YEARS OF AGE**
Semih AYDOGDU, Kaan KAVAKLI, Memduh TANER, Can BALKAN, Dilek KARAPINAR (Turkey)

Discussion

ORTHOPEDIC TREATMENT OF HEMOPHILIA "SOUTH OF THE BORDER"

Federico FERNANDEZ-PALAZZI (Venezuela)

19122 ORTHOPEDIC SURGERY IN PATIENTS WITH HEMOPHILIA

Muhammad Tariq SOHAIL (Pakistan)

18993 OSTEO ARTICULAR INVOLVEMENT IN HEMOPHILIACS OF CENTRAL INDIA

Vinod BHARADWAJ (United Kingdom)

Discussion

16:00-16:30 **Break / Poster Discussion**

RETROGRADE FEMORAL NAILING WITH CONCOMITANT KNEE JOINT SYNOVECTOMY FOR FEMORAL SUPRACONDYLAR FRACTURE IN PATIENTS WITH HEMOPHILIA
S.M. Javed MURTAZAVI (Iran)

18997 REVISION SURGERY AFTER TOTAL REPLACEMENT IN HEMOPHILIC PATIENTS

Luigi Piero SOLIMENO, Olivia PERFETTO, C. CASADEI, Gianluigi PASTA (Italy)

SYNOVITIS OF TOTAL KNEE REPLACEMENT INFECTION ON HEMOPHILIA WITH NEGATIVE HIV AND HIC POSITIVE SEROLOGY

Horacio CAVIGLIA (Argentina)

19073 EXTRADURAL HEMORRHAGE CERVICAL SPINE IN PATIENTS WITH HEMOPHILIA

Muhammad Tariq SOHAIL (Pakistan)

19074 HETROTOPIC OSSIFICATION IN PATIENTS WITH HEMOPHILIA

Muhammad Tariq SOHAIL (Pakistan)

Discussion

09:00-10:30 **Free Papers – General Orthopaedics: Cost Effectiveness**

Moderators: Francis HORAN (United Kingdom) & Wing Cheung WONG (Hong Kong)

- 16345 ANALYSIS OF EARLY RESULT DISCHARGE PATTERN OF RESURFACING METAL ON METAL TOTAL HIP ARTHROPLASTY**
Dariush GOURAN SAVADKOOHI, Alireza AMIN JAVAHERI, Mostaffa SHAHREZAE, Mohammad GOURAN SAVADKOOHI (Iran)
- 16347 PREOPERATIVE PREDICTORS OF LENGTH OF HOSPITAL STAY IN TOTAL KNEE REPLACEMENT PATIENTS**
Innes SMITH, James BALLANTYNE, Robert ELTON, Ivan BRENKEL (United Kingdom)
- 16469 RAPID RECOVERY PROGRAMME - A ONE-YEAR PROSPECTIVE STUDY FOR PRIMARY TOTAL HIP REPLACEMENTS**
Mustafa ALNAIB, Michaelis KOKKINAKIS, Aysha RAJEEV, Deairy KADER, Sylvia BATEY, Shankar KASHYAP (United Kingdom)
- 16494 MAXIMUM SURGICAL BLOOD ORDERING SCHEDULE FOR REVISION KNEE AND HIP ARTHROPLASTY**
Devendra MAHADEVAN, Christopher CHALLAND, Andrew CLARKE, Jonathan KEENAN (United Kingdom)
- 17676 EFFECT OF TRANEXAMIC ACID ON POSTOPERATIVE BLOOD LOSS AND DVT IN TOTAL KNEE ARTHROPLASTY**
Yoshinaga EGAWA, Hiroshi HASHIGUCHI, Ryoichi MURASHIGE, Kazufumi MINAMI, Hiromoto ITO, Takao NAKAJIMA (Japan)
- 18235 ROLE OF YOGA THERAPY IN MANAGEMENT OF OSTEOARTHRITIS KNEE IN INDIAN PATIENTS**
Ashish GOHIYA, Nirbhay SHRIVASTAVA (India)
- 18281 NO EXTRA VALUE OF A CT-SCAN COMPARED TO PLAIN RADIOGRAPHS FOR THE CLASSIFICATION OF TIBIA PLATEAU FRACTURES AND TREATMENT PLAN**
Micha HOLLA, Albert VAN KAMPEN, Jorien KOOPS (Netherlands)
- 18566 THE FINANCIAL AND CLINICAL BURDEN OF REVISION TOTAL KNEE ARTHROPLASTY (TKA) - A 10-YEAR REVIEW IN A NATIONAL ORTHOPAEDIC HOSPITAL**
Kayode ODUWOLE, Diamurd MOLONEY, Simi PICHA, Kevin J. MULHALL (Ireland)
- 18577 COSTS OF CARE AFTER HOSPITAL DISCHARGE AMONG POSTMENOPAUSAL WOMEN WITH AN INTERTROCHANTERIC HIP FRACTURE**
Patrick HAENTJENS, Philippe AUTIER, Martine BARETTE, Steven BOONEN (Belgium)

10:30-11:00 *Break / Poster Discussion*

11:00-12:15 **Free Papers – Joint: Total Knee Replacement I**

Moderators: Hwa-Chang LIU (Taiwan) & Chun Hoi YAN (Hong Kong)

- 16208 REPLACEMENT PROSTHETIC KNEE ARTHROPLASTY AT PATIENTS WITH KNEE ANGLE DEFORMITIES: BICONDYLAR PROSTHESIS APPLICATION**
P.G. SKAKUN, M.A. GERASIMENKO, A.V. BELETSKY, E.V. ZHUK (Belarus)
- 16670 INTEROBSERVER AND INTRAOBSERVER ERROR IN OBTAINING TRANSEPICONDYLAR AXIS AND WHITESIDE LINE IN TOTAL KNEE ARTHROPLASTY**
Chun Hoi YAN, Peter Wai Pan YAU, Peter K.Y. CHIU, Tsz Pui NG, Wai Hung LIE, Wai Man TANG (Hong Kong)
- 17370 A NEW METHOD FOR PATELLAR LIGAMENT REPLACEMENT: VASTUS MEDIALIS FASCIA Y-FLAP**
Norbert WIEGAND, Istvan NAUMOV, Laszlo VÁMHIDY (Hungary)

- 17514 THE DELUXE TOTAL KNEE PROSTHESIS**
Xi-Sheng WENG (China)
- 17827 TO ELEVATE OR EXANGUINATE? THAT IS THE QUESTION**
Hesham AL-KHATEEB, Ibrahim EDWARD, Marusezki SHEM (United Kingdom)
- 18029 POSTOPERATIVE PAIN MANAGEMENT OF UNICOMPARTMENTAL KNEE ARTHROPLASTY WITH INTRA-ARTICULAR COCKTAIL REGIMEN**
Jagan Mohana Reddy VELPULA, A. MALHOTRA, Peter DENN (United Kingdom)
- 18376 COMPARISON OF CEMENTED- VS. PRESS-FIT DIAPHYSEAL STEMS FOR REVISION TOTAL KNEE ARTHROPLASTY**
Paulo Gilberto Cimbalista ALENCAR, Marcelo ABAGE, Francisco Fontes CINTRA (Brazil)
- 18632 IS THERE A NEED OF PATELLA REPLACEMENT IN BICONDYLAR SURFACE REPLACEMENTS?**
Heiner THABE (Germany)
- 18634 DOES THE TKA GEMINI MK2 FULFILL THE CRITERIA OF A GENDER KNEE?**
Heiner THABE (Germany)

12:15-13:00 *Plenary Lecture in Theatre 1*

13:00-14:00 *Lunch*

14:00-15:30 **Free Papers – Joint: Total Knee Replacement II**

Moderators: Garnet TREGONNING (New Zealand) & Wai Man TANG (Hong Kong)

- 15648 EVALUATION OF THE ROLE OF MOBILE BEARING TOTAL KNEE ARTHROPLASTY FOR VALGUS ARTHRITIC KNEE USING LATERAL CAPSULAR APPROACH WITH VASTUS LATERALIS PROXIMAL REALIGNMENT**
Ravi INDLURU, Anil KHANNA, Arvind KUMAR (United Kingdom)
- 15733 MEDIO-LATERAL LAXITY BEFORE AND AFTER TOTAL KNEE REPLACEMENT**
Jean-Yves JENNY, Yann DIESINGER, Cyril BOERI, Eugen CIOBANU (France)
- 16468 A ONE-YEAR PROSPECTIVE STUDY OF RAPID RECOVERY PROGRAMME FOR PRIMARY TOTAL KNEE REPLACEMENTS**
Mustafa ALNAIB, Michaelis KOKKINAKIS, Aysha RAJEEV, Deiry KADER, Sylvia BATEY, Shankar KASHYAP (United Kingdom)
- 16556 THE EVALUATION OF MIDVASTUS APPROACH TO THE TOTAL KNEE REPLACEMENT**
Marek SYNDER, Marcin SIBINSKI (Poland)
- 16611 ONE STAGE BILATERAL UNICOMPARTMENTAL KNEE ARTHROPLASTY. RESULTS FOR A PROSPECTIVE STUDY OF 14 CASES**
Dominique SARAGAGLIA, Charbel NEMER (France)
- 17383 RADIOGRAPHIC ANALYSIS AND OUTCOME OF UNICOMPARTMENTAL OXFORD KNEE ARTHROPLASTY - THE ROLE OF THE TIBIAL CUT**
Marius NICULESCU, Dan LAPTOIU, Mihai NEGRUSOIU (Romania)
- 17420 INTRAOPERATIVE AND POSTOPERATIVE PREDICTORS OF LENGTH OF HOSPITAL STAY IN TOTAL KNEE REPLACEMENT PATIENTS**
Innes SMITH, Robert ELTON, James BALLANTYNE, Ivan BRENKEL (United Kingdom)
- 18222 MID TO LONG-TERM RESULTS OF TOTAL KNEE ARTHROPLASTY IN HEMOPHILIC KNEES: A REVIEW OF 34 CASES**
Philippe BOVIER-LAPIERRE, Olivier GUYEN (France)
- 18230 5-7-YEAR RESULTS OF MODULAR MOBILE BEARING TKA GEMINI MK II**
Lutz ECKART, Hans-Ekkehard STAY, Volker FUCHS (Germany)
- 18375 PREOPERATIVE STRENGTHENING IN TOTAL KNEE ARTHROPLASTY - A RANDOMISED CONTROLLED STUDY OF NEUROMUSCULAR ELECTRICAL STIMULATION**

Raymond WALLS, Gavin MCHUGH, Niall MOYNA, John O'BYRNE (Ireland)

15:30-16:00 *Break / Poster Discussion*

16:00-17:30 **Free Papers – Joint: Total Knee Replacement III**

Moderators: René VERDONK (Belgium) & Tze Pui NG (Hong Kong)

15955 SOFT TISSUE BALANCING IN PRIMARY TOTAL KNEE REPLACEMENT FOR OSTEOARTHRITIS WITH VALGUS DEFORMITY

Adrian Radu RADULESCU, Adrian Emilian BADILA, Octavian NUTIU, Cristian NITA, Robert MANOLESCU (Romania)

16267 UNICOMPARTMENTAL KNEE ARTHROPLASTY IN PATIENTS WITH OSTEOARTHRITIS OF THE MEDIAL COMPARTMENT

Gershon VOLPIN, Alexander KAUSHANSKI, Moshe DANIEL, Haim SHTARKER (Israel)

16312 LONG-TERM RESULTS OF THE CEMENTED ALL-POLYETHYLENE TIBIAL COMPONENT IN MEDIN - WALTER CONDYLAR KNEE REPLACEMENT

Vratislav RYBKA, T. KRUTA, A. SOSNA, P. VAVRIK, I. LANDOR, J. HACH (Czech Republic)

16553 PERIPROSTHETIC FRACTURES OF THE DISTAL FEMUR FOLLOWING TOTAL KNEE ARTHROPLASTY

Patrick PLATZER, Gerhild THALHAMMER, Anna KRUMBOECK, Rupert SCHUSTER, Florian KUTSCHA-LISSBERG, Vilmos VÉCSEI (Austria)

16558 MEDIUM-TERM RESULTS OF PATELLOFEMORAL JOINT ARTHROPLASTY

Riazuddin MOHAMMED, Ashwin UNNITHAN, Manish BANSAL, Kaustubh DURVE, Tushar JIMULIA (United Kingdom)

16567 MANIPULATION UNDER ANAESTHESIA FOR STIFFNESS FOLLOWING KNEE ARTHROPLASTY

Naveed AHMED, Riazuddin MOHAMMED, Shakir SYED (United Kingdom)

17189 THE L-M STABILITY IN NAVIGATED TKA

Katsuya KANESAKI, Kensuke YAMANAKA, Kensei NAGATA (Japan)

17584 TREATING STIFFNESS AFTER TOTAL KNEE ARTHROPLASTY

Parag JAISWAL, Veerabahu MUTHUSAMY, Saket TIBREWAL, Sudhir RAO (United Kingdom)

17606 UTILITY OF PREOPERATIVE DISTRACTIVE STRESS RADIOGRAPH TO EXTENT OF MEDIAL RELEASE IN TOTAL KNEE ARTHROPLASTY

Jae Ang SIM, Beom Koo LEE, Sang Hoon YANG (Korea)

18013 COMPARISON BETWEEN CLOSED WOUND DRAINAGE AND NO DRAINAGE IN TOTAL KNEE ARTHROPLASTY

Jagwant SINGH, Jagan Mohana Reddy VELPULA, Akshay MALHOTRA, Peter DENN (United Kingdom)

18102 CLINICAL RESULTS OF ROTATING VS. FIXED PLATE KNEE ARTHROPLASTY: A 2 TO 7-YEAR FOLLOW-UP

Antonio CROCE, Andrea MONDINI, Marco OMETTI (Italy)

18611 THE BLOOD LOSS IN THE NAVIGATED LESS INVASIVE TOTAL KNEE ARTHROPLASTY

Chyun-Yu YANG, Chih-Wei CHANG, Po-Ting WU (Taiwan)

08:00-12:15 **International Federation of Paediatric Orthopaedic Societies (IFPOS)**

Presidential Address

Chadwick F. SMITH (United States) & Nando DE SANCTIS (Italy)

Session 1: Trauma I

Chairman: John P. DORMANS (United States)

Moderator: Claudio SANTILI (Brazil)

- 16260 RESULTS OF TREATMENT OF DISPLACED SUPRACONDYLAR FRACTURES OF THE HUMERUS IN CHILDREN**
Haim SHTARKER, Riad DAQWAR, Gershon VOLPIN (Israel)
- 17022 DISPLACED SUPRACONDYLAR FRACTURES OF THE HUMERUS IN CHILDREN : BLIND PINNING IN A PRONE POSITION WITHIN SIX HOURS OF THE TRAUMA**
Angela BRIVIO, Ezio PESCATORI (Italy)
- 15721 COMPARISON BETWEEN COLLAR AND CUFFS AND ABOVE ELBOW BACK SLABS IN THE INITIAL TREATMENT OF GARTLAND TYPE I SUPRACONDYLAR HUMERUS FRACTURES**
Moez BALLAL (United Kingdom)
- 17119 PROXIMALLY PEDICLED CROSS-LEG FLAP IN SEVERE FOOT AND ANKLE TRAUMA IN CHILDREN**
Tianyou LI, Ruixue MA (China)
- 15828 TRAMPOLINE INJURIES IN CHILDREN**
Umesh NAGARE, Mohammad MAQSOOD, Aroop SEN (United Kingdom)
- 18631 A NEW METHOD OF CLOSE REDUCTION FOR TREATMENT OF PAEDIATRIC TYPE III SUPRACONDYLAR HUMERAL FRACTURE - SURGICAL TECHNIQUE AND RESULTS**
Bobby Kin-Wah NG, P.K. CHAN, K.Y. LAW, K.L. LIU, Jack C.Y. CHENG (Hong Kong)
- 18206 EPIDEMIOLOGY OF PAEDIATRIC FRACTURES IN SOUTH DUBLIN**
Colm TAYLOR, Paul CURTIN, Eoin SHEEHAN, Esmond FOGARTY (Ireland)

Discussion

Session 2: Trauma II

Chairman: George THOMPSON (United States)

Moderator: Makoto KAMEGAYA (Japan)

- 17339 SINGLE ELASTIC STABLE INTRAMEDULLARY NAILING APPLIED TO TREAT THE FRACTURES OF LOWER LIMB IN YOUNG CHILDREN**
Xiang Xin ZHANG, Ruixue MA (China)
- 16419 RESULTS OF CLOSED REDUCTION AND INTRAMEDULLARY K-WIRES FIXATION OF LONG BONES IN CHILDREN**
Osama FARAG (Saudi Arabia)
- 15720 ELASTIC STABLE INTRAMEDULLARY NAILING (ESIN) OF UNSTABLE PAEDIATRIC TIBIAL DIAPHYSEAL FRACTURES**
Moez BALLAL (United Kingdom)
- 17067 THE TREATMENT OF DIAPHYSEAL FOREARM-SHAFT REFRACURES WITH INTRAMEDULLARY NAILING (ESIN) IN PEDIATRIC PATIENTS**
Annelie-Martina WEINBERG¹, Florian AMERSTORFER¹, Simon PEARCE², Eva Elisa FISCHERAUER¹, Sonja GABER¹, Barbara SCHMIDT¹
¹(Austria), ²(United Kingdom)

18647 FLEXIBLE INTRAMEDULLARY NAILS IN OPERATIVE STABILISATION OF PAEDIATRIC DIAPHYSEAL FEMORAL SHAFT FRACTURES

Devdatta NEOGI, Ashish JAIMAN, Vivek TRIKHA, Saurabh SINGH (India)

16276 GREENSTICK FRACTURES OF THE PELVIS: A COMMONLY MISSED DIAGNOSIS?

Hesham AL-KHATEEB, P. PAUL, Danny BOXER (United Kingdom)

Discussion

Session 3: Basic Science, Upper Limb and Spine

Chairman: Sang-Ho LEE (Korea)

Moderator: Hakan OMEROGLU (Turkey)

16455 NEUROCHEMICAL CHANGES IN THE SPINAL DORSAL HORN IN NEUROPATHY FOLLOWING LIMB-LENGTHENING IN RABBITS

George SZOKE, Zita PUSKAR, Karoly PAP, Mate KOZSUREK, Gyula DOMOS (Hungary)

17659 STERNOCLEIDOMASTOID PSEUDOTUMOUR OF INFANTS (SCMPOI) AND CONGENITAL MUSCULAR TORTICOLLIS (CMT): IMMUNOHISTOCHEMICAL RESEARCH

Shengping TANG, Zhengquan LIU (China)

16519 TRICEPS PRESERVING APPROACH TO THE ELBOW BASED ON THE VASCULAR ANATOMY OF TRICEPS BRACHII IN THE TREATMENT OF DISPLACED SUPRACONDYLAR FRACTURES OF HUMERUS IN CHILDREN

Aysha RAJEEV, Gautam TAWARI, Joseph POOLEY (United Kingdom)

18765 MEASUREMENTS AND STANDARDISATION OF HUMEROCONDYLAR ANGLE IN CHILDREN

Naum SIMANOVSKY, Ron LAMDAN, Nurit HILLER, Natalia SIMANOVSKY, Shlomo PORAT (Israel)

16318 BICEPS TENDINITIS IN A THREE-YEAR- OLD CHILD

Venkata Sunil DACHEPALLI, Samer MORGAN, Vincent JARAMILLO (United Kingdom)

18764 LONG-TERM FOLLOW-UP OF WOODWARD PROCEDURE

Shlomo PORAT, Sharon EYLON, Naum SYMANOVSKY, Ron LAMDAN (Israel)

18763 NEW BRACE SYSTEM FOR TREATMENT OF ADOLESCENT IDIOPATHIC SCOLIOSIS (AIS)

Naum SIMANOVSKY, Leon KAPLAN, Ron LAMDAN, Meir LIEBERGALL, Natalia SIMANOVSKY, Shlomo PORAT (Israel)

Discussion

10:30-11:00 *Break / Poster Discussion*

Session 4: Knee, Foot

Chairman: André KAELIN (Switzerland)

Moderator: Bobby Kin-Wah NG (Hong Kong)

18312 SURGICAL TREATMENT OF HABITUAL PATELLAR DISLOCATION IN IMMATURE PATIENTS

Morris DUHAIME, Benoit MORIN, Benoit BENOIT, Dominique ROULEAU, Georges-Yves LAFLAMME (Canada)

17155 OUR EXPERIENCE OF THE ARTHROSCOPIC RELEASE OF THE LATERAL RETINACULUM AT HABITUAL LUXATION OF THE PATELLA IN ADOLESCENT SPORTSMEN/WOMEN

Sandor ROTH (Croatia)

16875 OUR EXPERIENCE IN ARTHROSCOPIC TREATMENT OF OSTEOCHONDRITIS DISSECANS IN CHILDREN AND ADOLESCENTS

Mikhail GERASIMENKO, Alexandre BELETSKY, Oleg SOKOLOUSKY, Kirill CHERNYAVSKY (Belarus)

Discussion

17226 BONESTAR® IMPLANT IN MINIMALLY INVASIVE CALCANEAL STOP METHOD FOR CORRECTING FLAT FEET IN CHILDHOOD

Sandor ROTH (Croatia)

18078 CALCANEAL LENGTHENING OSTEOTOMY IN TREATMENT OF CHILDREN WITH PLANOVALGUS FOOT DEFORMITY

Christian FANG, Wang CHOW, Yun Hoi LI, Michael TO (Hong Kong)

18701 USEFULNESS OF ULTRASOUND IN THE ASSESSMENT OF METATARSUS ADDUCTUS DEFORMATIONS IN CHILDREN

Morris DUHAIME, Guy GRIMARD, Marie-Claude MIRON, Benoit MORIN, Marie-Andrée CANTIN (Canada)

18221 COMPLEX PEDIATRIC FOOT DEFORMITIES TREATED WITH JESS DIFFERENTIAL DISTRACTION: AN ADAPTED VIEW IN AN EXPANDING WORLD

Robert FRIDMAN¹, Azriel BENAROYA¹, Ram PRABHOO², B.G. KANAJI², Henri BENSANEL³
¹(United States); ²(India), ³(France)

17274 ANTERIOR TIBIAL TRANSFER FIXATION BY MYTEK ANCHOR: QUICK AND SAFE PROCEDURE

Francesco M. LOTITO, Antonio LAMBIASE, Luca MADDALUNO, Anna DECARO (Italy)

16185 CORRECTION OF FOOT DEFORMITIES USING THE BLOODLESS TECHNIQUES

Gamal HOSNY (Egypt)

Discussion

12:15-13:00 **Plenary Lecture in Theatre 1**

13:00-14:00 **Lunch**

14:00-17:30 **International Federation of Paediatric Orthopaedic Societies (IFPOS)**

Session 5: Lengthening and Axial Deformity

Chairman: Gamal Ahmed HOSNY (Egypt)

Moderator: Wang CHOW (Hong Kong)

17817 PROPHYLACTIC INTRAMEDULLARY RODDING AFTER FEMORAL LENGTHENING IN CONGENITAL DEFICIENCY OF THE FEMUR

Amr ABDELGAWAD, John E. HERZENBERG, Dror PALEY, Shawn C. STANDARD (United States)

17560 CORRECTION OF AXIAL DEVIATIONS WITH EIGHT-PLATE TECHNIQUE: FIRST RESULTS IN ITALY

Silvio BOERO, Maurizio DE PELLEGRIN, Francesco Maria LOTITO, Francesca VITTORIA (Italy)

16463 RECOGNITION AND MANAGEMENT OF HIP AND KNEE DISLOCATION DURING LIMB LENGTHENING FOR CONGENITAL SHORT FEMUR

Mahmoud EL-ROSASY (Egypt)

16201 A NEW HINGE SYSTEM IN THE TREATMENT OF LIMB LENGTHENING AND AXIAL DEVIATIONS

Ghassan SALAMEH¹, Michael SCHMIDT²

¹(Syria), ²(Germany)

16710 POSTEROMEDIAL ANGULATION OF TIBIA. DOES IT MERIT ATTENTION?

Kiran Kumar SINGISETTI, Sathish K. BALASUBRAMANIAN (United Kingdom)

17432 DEFORMITY CORRECTION BY SUBMUSCULAR PLATING TECHNIQUE

Chang-Wug OH, Joon-Woo KIM, Hee-Soo KYUNG, Byung-Chul PARK (Korea)

Discussion

Session 6: Cerebral Palsy

Chairman: Freeman MILLER (United States)

Moderator: Juan COUTO (Argentina)

16486 SINGLE-STAGE SURGICAL TREATMENT OF LOWER LIMB DEFORMITIES IN CEREBRAL PALSY

Hakana OMEROGLU, Ulukan INAN, Nusret KOSE (Turkey)

- 17863 RECTUS TRANSFER IN CP CHILDREN: LONG-TERM OUTCOME**
Freeman MILLER, Dinesh THAWRANI, Chris CHURCH, Nancy LENNON, Kirk DABNEY (United States)
- 16243 FACTORS ASSOCIATED WITH PELVIC RETRACTION IN DIPLEGICS WITH ASYMMETRIC GAIT**
Juan COUTO, Alfredo TOLEDO, Maria SEYLER, Marchos CRESPO, Eduardo SEGAL, Eduardo SAMARA, Gustavo VIOLLAZ (Argentina)
- 15750 ADDUCTOR TENOTOMY IN CEREBRAL PALSY. UNILATERAL OR BILATERAL?**
Federico FERNANDEZ-PALAZZI, Salvador RIVAS, Freddy CHAKAL (Venezuela)
- 17844 RESTORATION OF WRIST EXTENSION IN CEREBRAL PALSY**
Nagy A. SABET (Egypt)
- 18603 THE DIFFERENCE BETWEEN HEMIPLEGIC AND DIPLEGIC FOOT POSTURE DEVELOPMENT**
Freeman MILLER, Nancy LENNON, Chris CHURCH, John HENLEY (United States)

Discussion

15:30-16:00 *Break / Poster Discussion*

Session 7: Trauma III

Chairman: Shlomo PORAT (Israel)
Moderator: Kamal IBRAHIM (United States)

- 15719 A 10-YEAR EXPERIENCE OF ELASTIC STABLE INTRAMEDULLARY NAILING FOR UNSTABLE FOREARM FRACTURES IN CHILDREN**
Moez BALLAL, Neeraj GARG (United Kingdom)
- 18198 REMANIPULATION OF PAEDIATRIC FOREARM FRACTURES**
Colm TAYLOR, Phillip BRADY, Anthony MCGUINNESS (Ireland)
- 17342 ELASTIC STABLE INTRAMEDULLARY NAIL FIXATION FOR MODERATELY AND SEVERELY DISPLACED FRACTURES OF THE RADIAL NECK IN CHILDREN**
Xiang Xin ZHANG, Ruixue MA (China)
- 18129 S-100 A SERUM MARKER FOR TRAUMATIC BRAIN INJURY IN CHILDREN**
Annelie-Martina WEINBERG, Elke RUTTENSTOCK, Christoph CASTELLANI, Eva Elisa FISCHERAUER, Ute KRAITSY, Michael E. HÖLLWARTH (Austria)

Discussion

Session 8: Infection

Chairman: Chadwick SMITH (United States)
Moderator: Alexandre BELETSKY (Belarus)

- 18773 SEPTIC ARTHRITIS OF THE HIP IN 78 CHILDREN**
Anil ARORA, Apurv MEHRA, Anil AGARWAL, S. KUMAR (India)
- 17831 DISTAL TIBIAL GROWTH ARREST FOLLOWING MENINGOCOCCAL SEPTICAEMIA; MANGEMENT AND OUTCOME OF A SERIES OF 14 ANKLES**
Ravisankar KIRUBANANDAN, Fergal MONSELL, Caspar AYLOTT, James BARNES (United Kingdom)
- 18245 THE ROLE OF HIP ARTHROSCOPY IN THE TREATMENT OF SEPTIC HIP IN CHILDREN**
Vikas TRIVEDI¹, Tomonori KENMOKU²
¹(India); ²(Japan)
- 17743 USING THE POSTERIOR ROTATIONAL HIP OSTEOTOMY IN TREATMENT OF POSTSEPTIC MULTIPLANE DEFORMITY IN CHILDREN**
Lyudmila PASHKEVICH, Aleg SAKALOUSKI, Igor SHPILEUSKI, Yury LIKHACHEUSKI, Roman GOLDMAN (Belarus)

16863 HAEMATOGENOUS OSTEOMYELITIS OF THE CALCANEUS IN CHILDREN

Mahomed Noor RASOOL (South Africa)

17170 ROLE OF MRI TO ASSESS THE PHYSEAL PLATE AFTER PERIARTICULAR/ INTRA-ARTICULAR INFECTIONS AROUND THE KNEE

Emal WARDAK, S.S. GILL, Ramesh SEN, Paramjit SINGH, M.S. DHILLON (India)

Discussion

Session 9: Varia

Chairman: Marek SYNDER (Poland)

Moderator: Morris DUHAIME (Canada)

16859 FIBULAR TRANSFERENCE FOR TIBIAL DEFECTS IN CHILDREN - A SALVAGE PROCEDURE

Mahomed Noor RASOOL (South Africa)

17950 THE MODIFIED SOFIELD-MILLAR OPERATION IN OSTEOGENESIS IMPERFECTA - A REVIEW OF TEN-YEAR EXPERIENCE

Michael TO, C.K. CHEN, Wang CHOW (China)

18211 UPDATE ON HURLER SYNDROME

Colm TAYLOR, Katherine BROWNE, Ann O'MEARA, Esmond FOGARTY (Ireland)

18217 SEVERE JOINTS DISABILITIES AND INTRACRANIAL HEMORRHAGE (ICH) IN HEMOPHILIAC CHILDREN IN CHINA: A REVIEW OF 179 PATIENTS AT BEIJING CHILDREN'S HOSPITAL

Runhui WU, Xinyu QI, Xinyi WU, Tao FENG (China)

16315 PELVIC SUPPORT OSTEOTOMY

Gamal HOSNY (Egypt)

Discussion

09:00-10:30 **Free Papers – Spine: Basic Science - Trauma Spine**

Moderators: Haisheng LI (Denmark) & Wai Kit NGAI (Hong Kong)

15373 RECAPPING LAMINOPLASTY AND MONOSEGMENTAL POSTERIOR SPONDYLODESIS FOR SPINAL CORD INJURIES

Tarek ALY (Egypt)

15705 ROBOTIC ASSISTED VERTEBROPLASTY: OUR EXPERIENCE WITH A NOVEL APPROACH TO THE TREATMENT OF VERTEBRAL COMPRESSION FRACTURES

Yaron ZAULAN, Vitali ALEXANDROVSKY, Moshe ROFFMAN, Moshe SHOHAM, Boris ZILBERSHTAIN, Alexander BRUSKIN (Israel)

16253 A RANDOMIZED TRIAL OF BALLOON KYPHOPLASTY AND NONSURGICAL CARE FOR PATIENTS WITH ACUTE VERTEBRAL COMPRESSION FRACTURES: ONE-YEAR RESULTS

Jan VAN MEIRHAEGHE¹, Leonard BASTIAN², Douglas WARDLAW³, Steven BOONEN¹
¹(Belgium), ²(Germany), ³(United Kingdom)

17503 LATE STRESS FRACTURE OF A WELL-CONSOLIDATED STRUT GRAFT AFTER TOTAL SPONDYLECTOMY IN THE THORACIC SPINE

Takui ITO, Naoto ENDO, Toru HIRANO, Ren KIKUCHI, Osamu MORITA (Japan)

17889 INTEGRAL TREATMENT FOR TORACOLUMBAR FRACTURES

Hector F. GUTIERREZ GUTIERREZ, Alfredo ORTIZ FLORES, Jannethe MORALES IBARRA (Mexico)

17969 FEASIBILITY STUDY OF BIOACTIVITY ENHANCEMENT OF POLYETHERETHERKETONE (PEEK) USING PLASMA IMPLANTATION TECHNOLOGY

So Ching LUI, Kelvin YEUNG, Yuen Yi CHAU, Paul CHU, Kenneth CHEUNG (Hong Kong)

18004 IN VITRO STUDY OF A NEW SURFACE MODIFIED BIODEGRADABLE METALLIC MATERIAL FOR ORTHOPAEDIC IMPLANTATION

Hoi Man WONG, Kelvin YEUNG, Kin On LAM, Paul CHU, Keith LUK, Kenneth CHEUNG (Hong Kong)

18073 CORRELATION OF OSTEOBLAST ACTIVITY AND METALLIC IONS RELEASED FROM AN IMPLANTABLE AND BIODEGRADABLE METALLIC MATERIAL

Hoi Man WONG, Kelvin YEUNG, Kin On LAM, Paul CHU, Keith LUK, Kenneth CHEUNG (Hong Kong)

18079 ANTERIOR VERSUS POSTERIOR VERSUS COMBINED ANTERIOR AND POSTERIOR SURGERY FOR OSTEOPOROTIC VERTEBRAL PSEUDARTHROSIS IN THE THORACOLUMBAR SPINE

Toru HIRANO, Takui ITO, Osamu MORITA, Naoto ENDO, Akiyoshi YAMAZAKI, Yoichi YAJIRI, Shinji SATO, Noboru HOSAKA (Japan)

18687 TANTALUM COATING MAY IMPROVE THE PERFORMANCE OF STAINLESS STEEL PEDICLE SCREWS

Haisheng LI, Xuenong ZOU, Cody BÜNGER (Denmark)

18768 SAGITTAL SPLIT AT THE LOWER HALF OF THE VERTEBRAL BODY IN DENIS TYPE B BURST FRACTURES

Takeshi HOSHIKAWA, Eduardo YOSHIZAKI, Toshimi AIZAWA, Hiroshi OZAWA, Yasuhisa TANAKA, Shoichi KOKUBUN (Japan)

18889 POSTERIOR LUMBAR INTERBODY FUSION USING ONE DIAGONAL FUSION CAGE WITH TRANSPEDICULAR SCREW/ROD FIXATION: MINIMUM 6-YEAR RESULTS

Zhiming CHEN, Jie ZHAO (China)

18904 SURGICAL APPROACH OPTIONS FOR TRAUMATIC SPONDYLOLISTHESIS OF THE AXIS (HANGMAN'S FRACTURE)

Yu LIANG, Yaocheng GONG, Peng CAO, WenJian WU (China)

10:30-11:00 *Break / Poster Discussion*

11:00-12:15

Free Papers – Spine: Basic Science

Moderators: Xuenong ZOU (China) & William LU (Hong Kong)

16390 MICROSTRUCTURAL DEVELOPMENT IN TRABECULAR FORMATION IN AN ALIF MODEL WITH EQUINE BONE PROTEIN EXTRACT, RHBMP-2 AND AUTOGRAFT

Casper FOLDAGER, Michael BENDTSEN, Xuenong ZOU, Cody BÜNGER (Denmark)

17168 AUTOLOGOUS STEM CELL TREATMENT HALTS INTERVERTEBRAL DISC DEGENERATION. A PORCINE STUDY

Michael BENDTSEN, Xuenong ZOU, Casper FOLDAGER, Hans Stodkilde JORGENSEN, Cody BÜNGER (Denmark)

17275 THE NUTRIENT ARTERY ENTRANCE ON THE POSTEROLATERAL WALL OF THORACIC VERTEBRAL BODIES: ANOTHER POTENTIAL LANDMARK FOR VERTEBRAL SCREW INSERTION?

Yong QIU, Biyu RUI, Zezhang ZHU, Feng ZHU, Bin WANG, Yang YU, Bangping QIAN, Weiwei MA, Xu SUN (China)

17301 ABNORMAL EXPRESSION AND ETIOLOGICAL SIGNIFICANCE OF RUNX2 IN MSCS FROM ADOLESCENT IDIOPATHIC SCOLIOSIS

Yong QIU, Qiang SUN, Zhen LIU, Weiguo LI, Zezhang ZHU, Bin WANG, Yang YU, Bangping QIAN, Weiwei MA (China)

17870 IN VIVO CHONDROCYTIC DIFFERENTIATION OF THE ALLOGENIC STEM CELLS IN THE MURINE INTERVERTEBRAL DISC

Fan YANG, Danny CHAN, Victor Y.L. LEUNG, William LU, Keith LUK, Kenneth CHEUNG (Hong Kong)

17913 IDENTIFICATION OF SMALL MOLECULES FOR THE TREATMENT OF INTERVERTEBRAL DISC DEGENERATION BY CHEMICAL GENETICS

Kiki Y.K. TSUI¹, Victor Y.L. LEUNG¹, Richard Y.T. KAO¹, Koichi MASUDA², Danny CHAN¹, Kenneth M.C. CHEUNG¹
¹(Hong Kong), ²(United States)

17964 INTERVERTEBRAL DISC CRYOPRESERVATION

Samantha C.W. CHAN, Victor Y.L. LEUNG, William W. LU, Danny CHAN, Keith D.K. LUK, Kenneth M.C. CHEUNG (Hong Kong)

18005 FACET JOINT MOTION ANALYSIS OF L4-5 BY USING FINITE ELEMENT MODELLING

Wing Kit TANG, Kelvin YEUNG, Keith LUK (Hong Kong)

18435 NANO-SCALE STRUCTURE OF COLLAGEN II FIBRILS OF THE HUMAN INTERVERTEBRAL DISC AND ITS CORRELATION WITH THE MACRO-SCALE DISC MECHANICS

Darwesh M.K. ALADIN, William W. LU, Kenneth M.C. CHEUNG, Danny CHAN, Victor Y.L. LEUNG, Keith D.K. LUK, Alfonso H.W. NGAN (Hong Kong)

12:15-13:00

Plenary Lecture in Theatre 1

13:00-14:00

Lunch

14:00-15:30

Symposium – General Orthopaedics: Pain Management

Moderator: Wing Yuk IP (Hong Kong)

INTERVENTIONAL APPROACH TO NEUROPATHIC PAIN

Tersea LI (Hong Kong)

PHARMACOLOGICAL TREATMENT ON NEUROPATHIC PAIN

Vincent MOK (Hong Kong)

Tuesday, 26 August 2008

	Theatre 1	Theatre 2	403	404 / 405	406 / 407	408	603 / 604	605	606 / 607	608	
08:00-09:00	CTL Spine: Spinal Deformities	CTL Joint: Total Knee Arthroplasty	CTL Paediatrics: DDH	CTL Sports Medicine: Clinical Decision Making in Shoulder Instability	CTL Foot & Ankle: Lesser Toes	Free Papers Joint: Hip I	AO Foundation Jubilee Symposium: New Concepts in Osteoporotic Fractures				
09:00-10:30	Symposium Spine: Spinal Deformities	Free Papers Joint: Total Knee Replacement IV	Symposium Paediatrics: Elbow Fractures in Children	Free Papers Shoulder & Elbow: Humerus & Elbow Fractures	Free Papers Foot & Ankle: Hindfoot / Ankle	Free Papers Joint: Hip II		Free Papers Spine: Disc Prosthesis			
<i>Break / Poster Discussion</i>											
11:00-12:15	Symposium & Free Papers Basic Science: Biomechanics	Symposium Joint: Primary Total Knee Replacement I	Symposium Paediatrics: Angular and Rotational Deformities of the Lower Extremities in Children	Symposium Sports Medicine: International Perspective on Treating Shoulder Instabilities	Symposium Foot & Ankle: Trauma	Free Papers Joint: Hip III		Free Papers Spine: Scoliosis Correction	World Orthopaedic Concern (WOC)	International Hip Society (closed session)	
12:15-13:00	Plenary Lecture James Kellam										
			Lunch Symposium CeramTec		Lunch Symposium Synthes		Lunch Symposium Pfizer				
14:00-15:30	Free Papers Trauma: Hip Fractures I	Free Papers Joint: Total Knee Replacement V	Free Papers Paediatrics / IFPOS	Symposium & Free Papers General Orthopaedics: Non-union / Imaging Techniques	Free Papers Foot & Ankle: Forefoot	Free Papers Joint: Hip IV	SICOT Sports Medicine Symposium	Free Papers Spine: Cervical Spine I	SICOT / SRS (Scoliosis Research Society): Paediatric Deformity	International Hip Society (closed session)	
<i>Break / Poster Discussion</i>											
16:00-17:30	Free Papers Trauma: Hip Fractures II	Symposium Joint: Primary Total Knee Replacement II	Free Papers Paediatrics / IFPOS		Free Papers Foot & Ankle: Fractures	Free Papers Joint: Hip V					Free Papers Spine: Cervical Spine II
17:30-18:30	SICOT General Assembly	Workshop Wright Medical									

CTL = Current Trend Lectures

Tuesday, 26 August 2008

Theatre 1

08:00-09:00 **CTL – Spine: Spinal Deformities**

Moderators: Yat Wa WONG (Hong Kong) & Ahmet ALANAY (Turkey)

19197 DEVELOPMENT OF SCOLIOSIS SURGERY IN CHINA

Guixing QIU (China)

19094 SOLUTIONS FOR DIFFICULT SPINAL DEFORMITY PROBLEMS

John C.Y. LEONG (Hong Kong)

19012 ROLE OF VERTEBRECTOMY IN SPINAL DEFORMITY CORRECTION

Se-II SUK (Korea)

09:00-10:30 **Symposium – Spine: Spinal Deformities**

Moderators: John C.Y. LEONG (Hong Kong) & George THOMPSON (United States)

RECONSTRUCTION OF CONGENITAL SPINAL DEFORMITY IN JUVENILE PATIENT

Jae Yung CHUNG (Korea)

19265 MANAGEMENT OF CONGENITAL SCOLIOSIS WITH SPINAL DYSRAPHISM

Ahmet ALANAY (Turkey)

19180 FUSION LEVEL DETERMINATION IN ADOLESCENT IDIOPATHIC SCOLIOSIS

Kenneth M.C. CHEUNG, Keith Dip-Kei LUK (Hong Kong)

Discussion

10:30-11:00 *Break / Poster Discussion*

11:00-12:15 **Symposium & Free Papers – Basic Science: Biomechanics**

Moderators: Thomas R. OXLAND (Canada) & William W. LU (Hong Kong)

BIOMECHANICAL CONCEPTS IN FIXATION OF THE AGING SPINE

Thomas R. OXLAND (Canada)

NANO BIOMECHANICS OF THE HUMAN INTERVERTEBRAL DISC COLLAGENS

William W. LU (Hong Kong)

19136 IMPLANTED SYSTEM IN ORTHOPAEDICS & TRAUMATOLOGY

Franz BURNY, Yves Armand ANDRIANNE, Monique DONKERWOLCKE, Maurice G. HINSENKAMP, Jean P.H. QUINTIN, Frédéric A. SCHUIND (Belgium)

18152 COMPARISON OF VARIOUS AXES USED TO DETERMINE FEMORAL ROTATION DURING TOTAL KNEE REPLACEMENT - A MRI STUDY

Paraskumar MOHANLAL, Sarah LOWER, Sunil JAIN (United Kingdom)

18406 ACCURACY EVALUATION FOR COMPUTER-ASSISTED NAVIGATION TOOLS IN TOTAL KNEE REPLACEMENT

Rocco PITTO, Andrew GRAYDON (New Zealand)

16731 AXIAL ALIGNMENT OF THE LOWER EXTREMITY IN INDIAN ADULTS

Lalit MAINI, Hemant SHARMA, Ajay BAHL, V.K. GAUTAM (India)

12:15-13:00 **Plenary Lecture – Trauma**

Moderator: Frankie LEUNG (Hong Kong)

19175 ORTHOPAEDIC TRAUMA: AN EVOLUTION IN CARE

James KELLAM (United States)

13:00-14:00 *Lunch*

14:00-15:30

Free Papers – Trauma: Hip Fractures I

Moderators: Maurice HINSENKAMP (Belgium) & Wai Hung LIE (Hong Kong)

- 15315 A FORTY-YEAR REVIEW OF TRENDS AND GEOGRAPHICAL VARIATIONS OF MORTALITY FOLLOWING HIP FRACTURE**
Shahnawaz HALEEM, Reza MAYAHI, Lennel LUTCHMAN, Martyn PARKER (United Kingdom)
- 15869 224 UNSTABLE PERTROCHANTERIC FRACTURES TREATED WITH THE TROCHANTERIC GT NAIL (SURGIVAL) AND A SINGLE 9MM DIAMETER ROTATIONALLY UNLOCKED HIP SCREW**
Armando PEINADO, Conrad BERTRÁN (Spain)
- 16474 TREATMENT OF TROCHANTERIC NONUNIONS FOLLOWING DHS FIXATION - A PROSPECTIVE STUDY USING AN IMPROVED SELECTION SCORE**
Amit BANDYOPADHYAY (India)
- 17060 LARGE DIAMETER METAL ON METAL HIP REPLACEMENT IN THE TREATMENT OF LATE PRESENTING SUB-CAPITAL FRACTURE NECK OF FEMUR**
Karthik SELVARAJAN, West SIMON, Michael TWIGG (United Kingdom)
- 17065 EFFECTIVENESS OF THE OSTEOSYNTHESIS IN CERVICAL NECK FRACTURES WITH OR WITHOUT USING THE TROCHANTERIC PLATE**
Ichiro NAKAYAMA (Japan)
- 17156 COMPARATIVE STUDY BETWEEN DYNAMIC CONDYLAR SCREW AND DYNAMIC HIP SCREW IN THE MANAGEMENT OF SUBTROCHANTERIC FRACTURES**
Devdatta NEOGI, Chandra Shekhar YADAV, Vivek TRIKHA, Saurabh SINGH (India)
- 18184 SUBTOTAL HIP REPLACEMENT IN FEMORAL NECK FRACTURES IN THE ELDERLY - EARLY RESULTS**
Radomir RADIVOJEVIC, Branimir KRALJEVIC, Veljko JOVANOVIC, Predrag STOSIC, Daniel MILOSAVLJEVIC, Boris GLUSCEVIC (Serbia)
- 18295 IRREDUCIBLE SUBTROCHANTERIC FRACTURES TREATED BY OPEN REDUCTION AND INTERNAL FIXATION WITH CABLES AND PROXIMAL FEMORAL NAILING**
Praveen MEREDDY, Raheel SHARIFF, Birender KAPOOR, Muthukrishnan RAMAKRISHNAN (United Kingdom)
- 18592 HANSSON TWIN HOOK VERSUS COMPRESSION HIP SCREW IN TREATMENT OF TROCHANTERIC FRACTURE**
Ovidiu ALEXA, Tudor COZMA, Constantin IANCU (Romania)
- 18711 FIBULAR GRAFTING IN FRACTURE NECK OF FEMUR - A CLINICAL STUDY**
Aftab IRAQI (India)
- 18712 MANAGEMENT OF NEGLECTED ACETABULAR FRACTURES IN THE INDIAN SCENARIO**
Wajahat ASHRAF (India)
- 18753 A DOUBLE-BLIND, PROSPECTIVE RANDOMIZED CONTROLLED CLINICAL TRIAL OF MINIMALLY INVASIVE DYNAMIC HIP SCREW FOR FIXATION OF INTERTROCHANTERIC FRACTURES**
Tak-Chuen WONG, Yi CHIU, Priscilla LEUNG O.I. YEE, Wai-Leuk TSANG, Wai-Yeung LEUNG, Sai-Hung YEUNG (Hong Kong)

15:30-16:00

Break / Poster Discussion

16:00-17:30

Free Papers – Trauma: Hip Fractures II

Moderators: Marcos MUSAFIR (Brazil) & Pei Yuan LEE (Taiwan)

- 16418 RESULTS OF INTERLOCKING NAILING AND ALLOGRAFTS IN MANAGEMENT OF NON-UNITED FRACTURES SHAFT OF FEMUR AND TIBIA**
Osama FARAG (Saudi Arabia)

- 16535 VALGUS INTERTROCHANTERIC OSTEOTOMY WITH DYNAMIC HIP SCREW FOR THE TREATMENT OF VARUS NONUNION OF INTERTROCHANTERIC FRACTURE: THE TECHNIQUE, A CASE SERIES AND LITERATURE REVIEW**
S. VIDYADHARA (India)
- 16962 THE VALUE OF TIP APEX DISTANCE IN PREDICTING FAILURE OF FIXATION OF EXTRAARTICULAR AND EXTRACAPSULAR FRACTURES OF HIP. 5 YEARS OF EXPERIENCE. HOSPITAL ESPAÑOL DE MÉXICO**
Luis Manuel OCHOA GÓMEZ, Félix GIL-ORBEZO (Mexico)
- 17133 RESULTS OF TREATMENT OF TROCHANTER FRACTURE OF FEMUR BONE BY THE NEW DEVICE AND THEIR EFFICIENCY**
Sabyrbek DJUMABEKOV, Bektur ANARKULOV (Kyrgyzstan)
- 17423 INTRAMEDULLARY HIP SCREW FIXATION IN PROXIMAL FEMORAL FRACTURES**
Ruth DELANEY, Colm TAYLOR, Farshid MALEKI, Mark DOLAN (Ireland)
- 17537 A PROSPECTIVE RANDOMISED TRIAL COMPARING THE HOLLAND NAIL VERSUS DYNAMIC HIP SCREW IN THE TREATMENT OF INTERTROCHANTERIC HIP FRACTURES**
Nick LITTLE, V. VERMA, C. FERNANDO, D. ELLIOTT, A. KHALEEL (United Kingdom)
- 17596 THE TREATMENT OF COMPLEX FEMUR FRACTURES WITH INTRAMEDULLARY DEVICES - ANALYSIS OF 50 CASES**
Jaroslaw BRUDNICKI, Tadeusz NIEDZWIEDZKI (Poland)
- 17707 IMPROVING OUTCOMES IN TROCHANTERIC FRACTURES: MINIMALLY INVASIVE TECHNIQUE**
Alejandro FLORES-CARRILLO, Felix GIL-ORBEZO, Cesareo TRUEBA-DAVALILLO (Mexico)
- 18108 THE RISK FACTORS ON MORTALITY IN ELDERLY PATIENTS WITH HIP FRACTURES: THE SHORT-TERM RESULTS OF PROSPECTIVELY DESIGNED STUDY**
Alpaslan ÖZTÜRK, Yüksel ÖZKAN, Recai ÖZDEMİR, Nazan YALÇIN, Serkan AYKUT, Semra AKGÖZ (Turkey)
- 18114 PFN VS. GAMMA NAIL IN THE SURGICAL TREATMENT OF LATERAL FEMORAL NECK FRACTURE**
Antonio CROCE, Andrea MONDINI, Patrizia MANTELLI, Luca PARRAVICINI (Italy)
- 18284 TREATMENT OF PROXIMAL FEMORAL FRACTURES WITH A PROXIMAL FEMORAL NAIL ANTIROTATION (PFNA): EVALUATION OF EARLY RESULTS OF THIS NEW DESIGN**
Praveen MEREDDY, Sri KAMATH, Hamad MALIK, Nigel DONNACHIE (United Kingdom)
- 18291 RESULTS OF A NEW DYNAMIC LOCKING PLATE AND SCREW SYSTEM FOR INTRACAPSULAR HIP FRACTURES**
Deepu BHASKAR, Kieran SINGISETTI, Martyn PARKER (United Kingdom)

17:30-18:30 [SICOT General Assembly](#)

08:00-09:00 **CTL – Joint: Total Knee Arthroplasty**

Moderators: (to be confirmed)

NEW POLY PARTICULAR TO THE KNEE

Seth GREENWALD (United States)

REVISION TOTAL KNEE ARTHROPLASTY

Stuart B. GOODMAN (United States)

09:00-10:30 **Free Papers – Joint: Total Knee Replacement IV**

Moderators: Jochen EULERT (Germany) & Wai Pan YAU (Hong Kong)

15729 PRECISION OF THE POSITIONING OF AN UNICOMPARTMENTAL KNEE PROSTHESIS BY A MINI-INVASIVE NAVIGATED TECHNIQUE

Jean-Yves JENNY, Eugen CIOBANU, Cyril BOERI (France)

16128 THE ANTEROLATERAL SKIN INCISION FOR PRIMARY TOTAL KNEE REPLACEMENT: A PROSPECTIVE RANDOMISED STUDY

Vijay SHETTY (India)

16341 THE COMPARISON OF ROM WITH AND WITHOUT TOURNIQUET IN THE TOTAL KNEE REPLACEMENT

Dariush GOURAN SAVADKOOHI, Mohammad GOURAN SAVADKOOHI, Armin AALAMI HARANDI (Iran)

16379 PROSPECTIVE RANDOMIZED CONTROLLED TRIAL COMPARING RANGE OF MOTION AFTER STANDARD AND HIGH-FLEXION POSTERIOR STABILIZED TOTAL KNEE PROSTHESIS

Wai Pan YAU, K.Y. CHIU (Hong Kong)

16625 RESULTS OF 41 TKA IMPLANTED IN KNEES WITH UP TO 10° OF VALGUS DEFORMITY

Dominique SARAGAGLIA, Johannes BARTH, Dan GORDUZA, Charbel NEMER (France)

16854 PENTOSAN POLYSULFATE, A RATIONAL THERAPY FOR THE TREATMENT OF KNEE OSTEOARTHRITIS

Kenji KUMAGAI, Noriaki MIYATA, Masami NIWA, Masakazu MURATA, Hiroyuki SHINDO, Shirabe SUSUMU, Yasuhumi KATAOKA, Atushi YAMAUCHI (Japan)

16858 RANDOMISED CONTROLLED TRIAL SHOWING SINGLE DOSE OF HYLAN G-F 20 IS SAFE AND EFFECTIVE IN PATIENTS WITH KNEE OSTEOARTHRITIS PAIN

François BAILLEUL¹, Joerg JEROSCH², Niek C. VAN DIJK³, René VERDONK⁴, Andrew PRICE⁵, Karel PAVELKA⁶, Xavier CHEVALIER¹

¹(France), ²(Germany), ³(Netherlands), ⁴(Belgium), ⁵(United Kingdom), ⁶(Czech Republic)

17510 MID-TERM RESULTS OF A SERIES OF 180 UNICOMPARTMENTAL KNEE ARTHROPLASTIES

Nicolas LAPIE, Philippe CHIRON, Jean-Michel LAFFOSSE, Jean-Louis TRICOIRE, François MOLINIER, Jean PUGET (France)

18269 REVISION OF MEDIAL KNEE HEMIARTHOPLASTY - WORSE THAN PRIMARY TKA?

Lutz ECKART, Volker FUCHS, Hans-Ekkehard STAY (Germany)

18476 UNICOMPARTMENTAL ARTHROPLASTY: INFLUENCE OF SIZE OF THE TIBIAL COMPONENT ON CLINICAL AND RADIOLOGICAL OUTCOMES

R. CHAU, A. GULATI, H.G. PANDIT, C.A.F. DODD, Richie GILL, D.W. MURRAY, D.J. BEARD, A.J. PRICE (United Kingdom)

18483 REVISION TOTAL KNEE ARTHROPLASTY FOR CHRONIC STIFFNESS

Raymond WALLS, Terence MURPHY, Kevin MULHALL (Ireland)

18694 EARLY FAILURE OF UNICONDYLAR KNEE ARTHROPLASTY (UKA) - A FACTOR TO BEAR IN

MIND

Kayode ODUWOLE, Murali SAYANA KRISHNA, Funso ONAYEMI, Tom MCCARTHY, John O'BYRNE (Ireland)

10:30-11:00 *Break / Poster Discussion*

Symposium – Joint: Primary Total Knee Replacement I

Moderators: (to be confirmed)

UNICOMPARTMENTAL KNEE REPLACEMENT

René VERDONK (Belgium)

19107 TOTAL KNEE ARTHROPLASTY WITH COMPUTER-ASSISTED OR CONVENTIONAL TECHNIQUE. RADIOGRAPHIC AND THREE-DIMENSIONAL EVALUATION

Young-Hoo KIM (Korea)

DIFFICULT PRIMARY TOTAL KNEE REPLACEMENT

Stuart B. GOODMAN (United States)

HIGH FLEXION KNEES

Seth GREENWALD (United States)

Discussion

12:15-13:00 **Plenary Lecture – Trauma**

To be held in Theatre 1. Seats will also be available in Theatre 2, if necessary.

Moderator: Frankie LEUNG (Hong Kong)

19175 ORTHOPAEDIC TRAUMA: AN EVOLUTION IN CARE

James KELLAM (United States)

13:00-14:00 *Lunch*

Free Papers – Joint: Total Knee Replacement V

Moderators: Jacques CATON (France) & Tze Pui NG (Hong Kong)

15728 OSTEOPHYTES HAVE LITTLE INFLUENCE ON THE LIGAMENOUS BALANCING DURING TKR

Jean-Yves JENNY, Cyril BOERI, Yann DIESINGER (France)

15731 NAVIGATED REVISION TOTAL KNEE REPLACEMENT

Jean-Yves JENNY, Cyril BOERI, Yann DIESINGER, Eugen CIOBANU (France)

16343 COMPARISON OF RESECTION PATELLOPLASTY WITH PATELLAR REPLACEMENT IN TOTAL KNEE REPLACEMENT

Dariush GOURAN SAVADKOOHI, Mohammad GOURAN SAVADKOOHI (Iran)

16617 INDEPENDENT STUDY OF THE OXFORD PHASE 3 UNICOMPARTMENTAL ARTHROPLASTY (UCA) FOR TREATMENT OF ANTEROMEDIAL OSTEOARTHRITIS OF THE KNEE: 8-YEAR RESULTS

Lukas LISOWSKI, Inez CURFS, Andrzej LISOWSKI (Netherlands)

16622 COMPUTER-ASSISTED TKA FOR SEVERE GENU VARUM DEFORMITIES

Dominique SARAGAGLIA, Brice RUBENS-DUVAL, Christophe CHAUSSARD (France)

16708 TOTAL KNEE ARTHROPLASTY AFTER FAILED MEDIAL UNICOMPARTMENTAL PROSTHESES: 33 CASES

Dominique SARAGAGLIA, Gilles ESTOUR (France)

16855 STIFFNESS AFTER TOTAL KNEE ARTHROPLASTY: MID TO LONG-TERM FOLLOW-UP

Michael SOUDRY, Gabriel NIERENBERG, Mazen FALAH (Israel)

17172 CROSSLINKED POLYETHYLENE IN FIXED- AND MOBILE-BEARING TOTAL KNEE PROSTHESES

Sandra UTZSCHNEIDER, Norbert HARRASSER, Wolfgang PLITZ, Volkmar JANSSON (Germany)

17742 INTRA- AND INTEROBSERVER VARIATION IN THE MEASUREMENT OF PATELLAR HEIGHT AFTER TOTAL KNEE

Benedict ROGERS, Nick LITTLE (United Kingdom)

18020 EARLY RESULTS OF PATELLO-FEMORAL JOINT ARTHROPLASTY IN A DISTRICT GENERAL HOSPITAL

Jagan Mohana Reddy VELPULA, A. MALHOTRA, Peter DENN (United Kingdom)

18683 MINIMALLY INVASIVE UNICOMPARTMENTAL KNEE REPLACEMENT - TEN-YEAR SURVIVAL

David MURRAY, Hemant PANDIT, Chris DODD, Cathy JENKINS, David BEARD, Harinderjit GILL, Andrew PRICE (United Kingdom)

15:30-16:00 *Break / Poster Discussion*

16:00-17:30 Symposium – Joint: Primary Total Knee Replacement II

Moderators: (to be confirmed)

MOBILE BEARING KNEES

Seth GREENWALD (United States)

UNDERSTANDING STABILITY AND CONSTRAINT IN TOTAL KNEE REPLACEMENT

William J. MALONEY (United States)

19109 PRIMARY TOTAL KNEE ARTHROPLASTY IN STIFF AND ANKYLOSED KNEES

Young-Hoo KIM (Korea)

TOTAL KNEE REPLACEMENT FOR RHEUMATOID ARTHRITIS

Tang Wai MAN (Hong Kong)

Discussion

17:30-18:30 **Workshop – Wright Medical**

EVEREST PROGRAMME

Simon FINGER (United States)

Tuesday, 26 August 2008

Room 403

08:00-09:00 **CTL - Paediatrics: DDH**

Moderator: Carlos MILANI (Brazil)

DDH

Toshio FUJII (Japan)

09:00-10:30 **Symposium – Paediatrics: Elbow Fractures in Children**

Moderator: André KAELIN (Switzerland)

SUPRA-CONDYLAR FRACTURE WITH MALUNION AND SEC. OSTEOTOMY

Scott HOFFINGER (United States)

CONDYLE FRACTURE: DIAGNOSTIC, TREATMENT, PSEUDOARTHROSIS

Ruixue MA (China)

RADIAL HEAD FRACTURES

Bobby NG (Hong Kong)

OLECRANON FRACTURES

Wang CHOW (Hong Kong)

19202 MONTEGGIA FRACTURES: ACUTE AND LATE DIAGNOSIS

André KAELIN (Switzerland)

NEURO-VASCULAR INJURIES, ACUTE/ LATE TREATMENT, VOLKMAN

John DORMANS (United States)

Questions and Conclusion

10:30-11:00 *Break / Poster Discussion*

11:00-12:15 **Symposium – Paediatrics: Angular and Rotational Deformities of the Lower Extremities in Children**

Moderator: Benjamin Stephens RICHARDS (United States)

INFANTILE TIBIA VARA

Benjamin Stephens RICHARDS (United States)

PATHOLOGIC GENU VALGUM

Jack CHENG (Hong Kong)

ROTATORY DEFORMITIES OF THE LOWER EXTREMITIES

John DORMANS (United States)

ADOLESCENT BOUNT'S DISEASE

Kamal IBRAHIM (United States)

TIBIAL BOWING DEFORMITIES

Ken KUO (Taiwan)

Discussion

12:15-13:00 **Plenary Lecture in Theatre 1**

13:00-14:00 *Lunch*

14:00-15:30 **Free Papers – Paediatrics / IFPOS**

Presidential Lecture

EPIPHYSEAL DISTRACTION CORRECTION OF ANGULAR DEVIATIONS BY

HEMICHONDRODIATASIS

Nando DE SANCTIS (Italy)

Session 1: Hip - DDH I

Chairman: Toshio FUJII (Japan)

Moderator: Ruixue MA (China)

- 16307 ULTRASOUND STUDY OF NEONATES AT RISK FOR DEVELOPMENTAL DYSPLASIA OF THE HIP (DDH)**
Marina GERSH, Miriam HERSHKOVICH, Gershon VOLPIN, Haim SHTARKER (Israel)
- 17196 THE EVALUATION OF GRAF'S TYPE IIA OF THE NEWBORN HIP**
Marek SYNDER, Emil ADAMCZYK (Poland)
- 18255 TREATMENT OF CONGENITAL HIP DISLOCATION (CHD) IN CHILDREN UNDER SCHOOL AGE**
Oleg KOZHEVNIKOV, Svetlana KRALINA, Alexey IVANOV, Inna GRIBOVA (Russian Federation)
- 17118 MORPHOLOGICAL DEVELOPMENT OF THE HIP AND ITS PROGNOSIS AFTER CLOSE REDUCTION IN DDH**
Ruixue MA (China)
- 18636 EARLY RESULTS OF TRIPLE PELVIC OSTEOTOMY IN THE TREATMENT OF RESIDUAL DDH**
Bobby Kin-Wah NG, Vivian W. Y. HUNG, Jack C.Y. CHENG (Hong Kong)
- 17750 RESULTS OF A TRIPLE PELVIC OSTEOTOMY FROM ANTERIOR APPROACH IN ADOLESCENTS WITH DDH**
Alexander BELETSKY, ALEG SAKALOUSKI, Georgy BRODKO, Yury LIKHACHEUSKI, Roman GOLDMAN (Belarus)
- 18210 GROWTH DISTURBANCE OF THE PROXIMAL FEMUR AS A COMPLICATION OF TREATMENT FOR DEVELOPMENTAL DYSPLASIA OF THE HIP WITH THE "FROG-LEG POSITION" BRACE**
Yanzhou WANG, Weiqiang ZHANG, Yonghong ZHANG (China)

Discussion

Session 2: Hip - S.C.F.E.

Chairman: Toshio FUJII (Japan)

Moderator: Ruixue MA (China)

- 16813 SLIPPED CAPITAL FEMORAL EPIPHYSIS AND INSULIN RESISTANCE: IS THERE A RELATIONSHIP?**
Claudio SANTILI, Luis Eduardo CALLIARI, Alexandre Penna TORINI, Miguel AKKARI, Gilberto WAISBERG, Susana dos Reis BRAGA, Wilson LINO JUNIOR (Brazil)
- 18307 SLIPPED CAPITAL FEMORAL EPIPHYSIS**
Mehmet Firat YAGMURLU, Temel TACAL, Umit TUHANOGLU, Mehmet Nurullah ERMÍS, Eyup Selahattin KARAKAS (Turkey)

Discussion

15:30-16:00 *Break / Poster Discussion*

16:00-17:30 **Free Papers – Paediatrics / IFPOS**

Session 3: Hip - DDH II

Chairman: Yang JIANPING (China)

Moderator: Benjamin Stephens RICHARDS (United States)

- 16464 DEGA OSTEOTOMY IN THE REVISION SURGERY FOR DEVELOPMENTAL DYSPLASIA OF THE HIP IN OLDER CHILDREN**
Mahmoud EL-ROSASY (Egypt)

18238 TONNIS TYPE ACETABULOPLASTY FOR ACETABULAR DYSPLASIA OF THE HIP IN THE PAEDIATRIC AGE GROUP
Aysegul BURSALI, Kerem AYDIN, Sarper GURSU, Timur YILDIRIM, Ahnet Sukru MERCAN, Vedat SAHIN (Turkey)

18507 ARTHRODIASIS OF THE HIP WITHOUT SOFT TISSUE RELEASE
Gamal HOSNY, Mohamed FADEL, Khamis EL-DEEB (Egypt)

18427 NON-INVASIVE TREATMENT OF LATE-DIAGNOSED HIP DISLOCATION
Azriel BENAROYA (United States)

17547 LATE DIAGNOSED DDH IN SWEDEN 2000-04: RESULTS FROM A NATIONAL REGISTRY
Lars DANIELSSON, Henrik DUPPE, Carl Johan TIDERIUS (Sweden)

Discussion

Session 4: Hip - LCPD (Perthes)

Chairman: Carlos MILANI (Brasil)

Moderator: Li ZHAO (China)

18538 MRI LABRUM ANGLE AND FEMORAL HEAD EXTRUSION IN LEGG-CALVÉ-PERTHES DISEASE
Eiffel Tsuyoshi DOBASHI, Patricia Corey YAMANE, Francesco Camara BLUMETTI, Akira ISHIDA, Carlo MILANI (Brazil)

18536 RADIOGRAPHIC AND MRI DISSOCIATION IN LEGG-CALVÉ-PERTHES` DISEASE
Eiffel Tsuyoshi DOBASHI, Carlos Eduardo UTUMI, Paulo Ivan MIYAGI, Patricia Corey YAMANE, Akira ISHIDA, Carlo MILANI (Brazil)

17329 RESTORATION HIP JOINT ANATOMY FOLLOWING SOKOLOVSKY TRIPLE PELVIC OSTEOTOMY IN PERTHES PATIENTS FROM ANTERIOR APPROACH
Andrei DZEMIANTSOU, Michail GERASIMENKO, Roman GOLDMAN (Belarus)

16579 LONG-TERM RADIOLOGICAL RESULTS OF FEMORAL VARIZATION AND DEROTATION OSTEOTOMY FOR LEGG-CALVE-PERTHES DISEASE
Kerem AYDIN, Sarper GURSU, Turgay ER, Bilal DEMIR, Vedat SAHIN (Turkey)

17755 POST-SURGICAL RESTORATION OF HIP JOINT FUNCTION IN SEVERE CASES OF PERTHES DISEASE
Alexander BELETSKY, Ludmila PASHKEVICH, Aleg SAKALOUSKI, Andrei DZEMIANTSOU (Belarus)

17335 IS RECURRENT LEGG-CALVE-PERTHES DISEASE ASSOCIATED WITH THROMBOPHILIC ABNORMALITIES? - A CASE REPORT
Andrzej GRZEGORZEWSKI, Andrzej BOROWSKI, Marek SYNDER (Poland)

Discussion

08:00-09:00 **CTL – Sports Medicine: Clinical Decision Making in Shoulder Instability**

Moderators: Kandiah RAVEENDRAN (Malaysia) & Paul Y.T. TSE (Hong Kong)

ARTHROSCOPIC MANAGEMENT OF SHOULDER INSTABILITIES: ANTERIOR, POSTERIOR, & MULTIDIRECTIONAL

Seung Ho KIM (Korea)

ARTHROSCOPIC STABILISATION FOR FIRST-TIME ANTERIOR DISLOCATION: THE CONTROVERSY

Kai Ming CHAN (Hong Kong)

09:00-10:30 **Free Papers – Shoulder & Elbow: Humerus & Elbow Fractures**

Moderators: Charles SORBIE (Canada) & Chi Fat CHAN (Hong Kong)

15657 SURGICAL MANAGEMENT OF INTERCONDYLAR FRACTURES OF THE HUMERUS USING TRICEPS REFLECTING ANCONEUS PEDICLE (TRAP) APPROACH

Rajesh MALHOTRA, Surya BHAN, Amite PANKAJ (India)

16465 NONUNITED HUMERUS SHAFT FRACTURES TREATED BY EXTERNAL FIXATOR AUGMENTED BY INTRAMEDULLARY ROD

Mahmoud EL-ROSASY (Egypt)

16529 USE OF INTRAMEDULLARY FIBULAR STRUT GRAFT: A NOVEL ADJUNCT TO PLATING IN THE TREATMENT OF OSTEOPOROTIC HUMERUS SHAFT NONUNION

S. VIDYADHARA, James GNANADOSS (India)

17266 CLINICAL COMPARISON OF INTRAMEDULLARY FIXATIONS VERSUS PLATE OSTEOSYNTHESIS FOR HUMERAL SHAFT FRACTURES

Hiroshi HASHIGUCHI, Hiromoto ITO, Kazufumi MINAMI, Takao NAKAJIMA, Yoshinaga EGAWA, Ryoichi MURASHIGE (Japan)

17599 OUR EXPERIENCE IN THE TREATMENT OF PROXIMAL HUMERUS FRACTURES – ANALYSIS OF 127 CASES

Jaroslav BRUDNICKI, Tadeusz NIEDZWIEDZKI (Poland)

17949 FIXATION OF DISTAL HUMERAL FRACTURE IN ELDERLY PATIENTS BY LOCKING COMPRESSION PLATING TECHNIQUE

Chi Fat CHAN, T.W. LAU, K.L.F. LEUNG (Hong Kong)

18117 RETROGRADE INTERNAL FIXATION OF DISPLACED DISTAL EXTRAARTICULAR FRACTURES OF HUMERUS USING “HALDER HUMERAL NAIL”

Prajwal DAS, Graham WALSH, J.A. CHAPMAN, S.C. HALDER (United Kingdom)

18273 HOW OFTEN IS IMPLANT REMOVAL REQUIRED FOLLOWING TENSION BAND WIRING OF OLECRANON FRACTURE?

Praveen MEREDDY, Geraint WILLIAMS, Dakshinamoorthy SUNDERAMURTHY, Alfred MORRIS (United Kingdom)

18366 FRACTURES OF ADULT DISTAL HUMERUS: A CHALLENGING RECONSTRUCTIVE DILEMMA

A. GULATI¹, A.K. SARAN², M.K. MAM², A. DIXIT¹
¹(United Kingdom), ²(India)

18418 CLOSED ANTEGRADE HUMERAL NAILING FOR DISTAL-THIRD HUMERAL SHAFT FRACTURE

Banchong MAHAISAVARIYA (Thailand)

18563 OUR EXPERIENCE IN OPERATIVE TREATMENT OF THE HUMERAL SHAFT FRACTURES WITH LCP

Asen BALTOV, Danail LILYANOV, Nedelcho TZACHEV, Borislav ZLATEV, Andrey IOTOV (Bulgaria)

- 18941 SUPRACLAVICULAR SCALENECTOMY AND TRANSAXILLARY FIRST RIB RESECTION FOR THE TREATMENT OF THORACIC OUTLET SYNDROME**
Jie XU (China)

10:30-11:00 *Break / Poster Discussion*

Symposium – Sports Medicine: International Perspective on Treating Shoulder Instabilities

Moderators: Kandiah RAVEENDRAN (Malaysia) & Paul Y.T. TSE (Hong Kong)

OPEN ANTERIOR STABILISATION SURGERY: STILL THE GOLD STANDARD?

Kandiah RAVEENDRAN (Malaysia)

FAILURES OF SURGERY FOR ANTERIOR SHOULDER INSTABILITY: EVALUATION & TREATMENT

Seung Ho KIM (Korea)

SLAP LESIONS: PATHO-KINEMATICS AND ARTHROSCOPIC TREATMENT

Patrick YUNG (Hong Kong)

BICEPS TENDON PROBLEMS: SURGICAL TECHNIQUES

Chih-Hwa CHEN (Taiwan)

12:15-13:00 *Plenary Lecture in Theatre 1*

Lunch Symposium – CeramTec

Lunch boxes will be served to attendees of the session.

CERAMIC BEARING COUPLE: WHAT CAN WE EXPECT? RELIABILITY, TRIBOLOGICAL AND CLINICAL ASPECTS

Symposium – General Orthopaedics: Non-union

Moderators: Chris VAN DER WERKEN (Netherlands) & Hok Leung WONG (Hong Kong)

16270 DELAYED AND NON-UNION

Galal Zaki SAID (Egypt)

MANAGEMENT OF INFECTED NON-UNION

Chris VAN DER WERKEN (Netherlands)

Free Papers – General Orthopaedics: Imaging Techniques

16434 INTER- AND INTRA-OBSERVER ERROR IN DISTAL FEMUR TRANSEPICONDYLAR AXIS MEASUREMENT WITH COMPUTED TOMOGRAPHY

Wai Hung LIE, Wai Pan YAU, Kwong Yuen CHIU, Hon Bong LEUNG, Lei Sha WONG, Ho Man WONG (China)

16842 COMPUTER RELATED MUSCULOSKELETAL INJURIES

Surendra KAMATH (India)

17559 RESURFACING ARTHROPLASTY USING A COMPUTER-ASSISTED HIP NAVIGATION SYSTEM

Kang Il KIM, Myung Chul YOO, Yoon Je CHO, Kee-Hyung RHYU, Young-Soo CHUN (Korea)

17808 MEASUREMENT PRECISION OF A SEMI-AUTOMATED METHOD FOR PAIRED IMAGE CARTILAGE SEGMENTATION

Matthias H. BREM¹, Philipp LANG², Philipp SCHLECHTWEIG¹, Gesa NEUMANN², Erika SCHNEIDER², R. JACKSON², J. YU², C.B. EATON², Friedrich F. HENNIG¹, G. PAPPAS², Hiroshi YOSHIOKA², Jeffrey DURYE²

¹(Germany), ²(United States)

18801 A NEW TYPE OF OSSEOINTEGRATED PROSTHESIS FOR THE REHABILITATION OF TRAUMATIC AMPUTEES: THE PÉCS EXPERIENCE

O. MÓRICZ, Zoltán NYÁRÁDY, T. MÁTHÉ, József NYÁRÁDY (Hungary)

08:00-09:00 **CTL – Foot & Ankle: Lesser Toes**

Moderators: Tun Hing LUI (Hong Kong) & Henry Siu Fai YIP (Hong Kong)

CLAWTOES AND HAMMER TOES

Kwai Ming SIU (Hong Kong)

MTPJ INSTABILITY

Henry Siu Fai YIP (Hong Kong)

MIS APPROACH TO LESSER TOE PROBLEMS

Tun Hing LUI (Hong Kong)

BUNIONETTES

Kwai Ming SIU (Hong Kong)

09:00-10:30 **Free Papers – Foot & Ankle: Hindfoot / Ankle**

Moderators: Horia ORBAN (Romania) & Tun Hing LUI (Hong Kong)

15834 MID-TERM RESULTS OF TOTAL ANKLE PROSTHESES IN RHEUMATOID ARTHROPATHY

Huub VAN DER HEIDE, Bernard SCHUTTE, Jan Willem LOUWERENS, Frank VAN DEN HOOGEN, Maarten DE WAAL MALEFIJT (Netherlands)

15979 TREATMENT OF A UNICAMERAL BONE CYST OF CALCANEUS WITH ENDOSCOPIC CURETTAGE AND PERCUTANEOUS FILLING WITH CORTICOCANCELLOUS ALLOGRAFT

Cengiz YILDIRIM, Kenan KEKLIKCI, Mahir MAHIROGULLARI, Ahmet KIRAL, Fatih ÜNÜVAR, Mesih KUSKUCU (Turkey)

16444 TALUS NECROSIS FOLLOWING ANKLE-ARTHRODESIS: FAIRY TALE OR REAL DANGER?!

Sven JUNG, Marlon COULIBALY (Germany)

17367 JAPAS' OSTEOTOMY FOR THE CORRECTION OF POST POLIO PES CAVUS DEFORMITY IN ADOLESCENT AGE GROUP

Pratyush CHATTERJEE (India)

18618 EXTENSOR TENDON TRANSFER OF THE ANKLE USING BIOTENODESIS SCREW TECHNIQUE

Chi Yuk LAU, Alexander CHOI, Ngai Chung KWOK (Hong Kong)

16557 LONG-TERM RESULTS OF SURGICAL TREATMENT OF ACHILLES TENDON RUPTURE USING THE PERCUTANEOUS TECHNIQUE

Marek SYNDER, Andrzej GRZEGORZEWSKI (Poland)

17112 COMPARISON OF OUTCOME FOLLOWING EITHER ONE OR TWO SCREWS FOR MEDIAL MALLEOLAR FRACTURE FIXATION

Yousaf SHAH, Turab SYED, Tomasz MYSZEWSKI, Fauzia ZAFAR, Andrew FLOYD, Martin WETHERILL (United Kingdom)

17812 FIBULAR LOCKED INTRAMEDULARY NAIL FIXATION FOR ANKLE FRACTURE - A SUITABLE OPTION

Gautam J.K. TAWARI, Rajeshkumar KAKWANI, Rajeev AYSHA, Shankar KASHYAP (United Kingdom)

17860 EVALUATION OF THE ARTICULAR CARTILAGE OF THE ANKLE USING DELAYED GADOLINIUM - ENHANCED MR IMAGING OF CARTILAGE

Takeshi YAMASHITA, Atsuya WATANABE, Nobuhiro MATSUMOTO, Tomoaki TOYONE, Yuichi WADA (Japan)

16516 MADURA FOOT, REPORT OF A RARE DISEASE

Sarper GURSU, Bilal DEMIR, Kerem AYDIN, Timur YILDIRIM, Vedat SAHIN (Turkey)

10:30-11:00 **Break / Poster Discussion**

11:00-12:15

Symposium – Foot & Ankle: Trauma

Moderators: Michael STEPHENS (Ireland) & Henry Siu Fai YIP (Hong Kong)

- 18165 TRIMALLEOLAR FRACTURE WITH SYNDESMOTIC INJURIES – A HIGH RISK ASSOCIATION**
Ahmed BENZAKOUR, Thami BENZAKOUR, Abderrazak HEFTI, Mohamed LEMSEFFER (Morocco)

SPRAIN ANKLE

Kwai Ming SIU (Hong Kong)

CALCANEAL FRACTURE

Kwai Ming SIU (Hong Kong)

RECONSTRUCTION OF DELAYED ACHILLES TENDON RUPTURE

Michael STEPHENS (Ireland)

Discussion

12:15-13:00

Plenary Lecture in Theatre 1

13:00-14:00

Lunch Symposium – Synthes

Lunch boxes will be served to attendees of the session.

MEDIAL OPEN WEDGE HTO TREATED WITH TOMOFIX

Alex STAUBLI (Switzerland)

14:00-15:30

Free Papers – Foot & Ankle: Forefoot

Moderators: Jochen EULERT (Germany) & Tun Hing LUI (Hong Kong)

- 15444 FIXATION OF MITCHELL OSTEOTOMY WITH BIOABSORBABLE PINS FOR TREATMENT OF HALLUX VALGUS DEFORMITY**

Nicolas EFSTATHOPOULOS, Dimitrios KORRES, Fragiskos XYPNITOS, Stergios LALLOS, Vassilios NIKOLAOU (Greece)

- 15846 MANAGEMENT OF DIABETIC FOOT BY NATURAL HONEY**

Asad MAKHDOOM (Pakistan)

- 16295 RESECTION ARTHROPLASTY WITH AND WITHOUT CAPSULAR INTERPOSITION FOR TREATMENT OF SEVERE HALLUX RIGIDUS**

Roland MEIZER, Siegfried SCHENK, Rudolf KRAMER, Nicolas AIGNER, Elisabeth MEIZER, Franz LANDSIEDL, Gunther STEINBOECK (Austria)

- 16614 RETROSPECTIVE STUDY AFTER SURGICAL CORRECTION OF HALLUX VALGUS DEFORMITY USING A SUBCAPITAL METATARSAL OSTEOTOMY WITH AN INTRAMEDULLARY DYNAMIC OSTEOSYNTHESIS**

Carl KOLVENBACH, Alexander OLK, Friedrich Frank HENNIG, Matthias BLANKE (Germany)

- 17411 100 HALLUX VALGUS TREATED BY THE PERCUTANEOUS TECHNIQUE OF BÖSCH. PROSPECTIVE CLINICAL STUDY OF THE HEALING OF THE OSTEOTOMY**

Armando PEINADO, Rodolfo ROMERO, Francesc HERRACH (Spain)

- 17427 LOSS OF POSTOPERATIVE OSTEOTOMY POSITION AFTER PERCUTANEOUS HALLUX VALGUS SURGERY BY THE TECHNIQUE OF BÖSCH. CLINICAL STUDY OF 124 CASES FOLLOWED UP TO ONE YEAR**

Armando PEINADO, Rodolfo ROMERO, Francesc HERRACH (Spain)

- 17428 DIABETIC FOOT GANGRENE AT UNIVERSITY OF NIGERIA**

Stanley OFFIA (Nigeria)

- 17708 SURGICAL TREATMENT OF FOREFOOT DEFORMITIES IN RHEUMATOID ARTHRITIS**

Mikhail GERASIMENKO, E. MIKHNOVICH, S. ALEKSEICHIK (Belarus)

- 18000 DISADVANTAGES OF SCREW FIXATION IN DISTAL HORIZONTAL METATARSAL OSTEOTOMY FOR CORRECTION OF BUNIONETTE**

Roman RADL, Andreas LEITHNER, Max ZACHERL, Wolfgang KOEHLER, Reinhard WINDHAGER (Austria)

18179 DYNAMIC LONGITUDINAL TRACTION - IMPROVEMENT OF KELLER-HOFFMANN PROCEDURE FOR FOREFOOT DEFORMITIES IN PATIENTS SUFFERING OF RHEUMATOID ARTHRITIS
Veljko JOVANOVIC, Branimir KRALJEVIC, Predrag STOSIC, Daniel MILOSAVLJEVIC, Boris GLUSCEVIC, Radomir RADIVOJEVIC (Serbia)

18306 FIRST METATARSOPHALANGEAL JOINT ARTHRODESIS USING A COMBINATION OF LAG SCREW AND DORSAL TITANIUM PLATE
Praveen MEREDDY, Santosh HAKKALAMANI, Michael HENNESSY (United Kingdom)

15:30-16:00 *Break / Poster Discussion*

16:00-17:30 **Free Papers – Foot & Ankle: Fractures**

Moderators: Thami BENZAKOUR (Morocco) & Kwai Ming SIU (Hong Kong)

15351 POST-TRAUMATIC EQUINUS DEFORMITY IN CHILDREN - A LONG-TERM FOLLOW-UP
Khaled EMARA (Egypt)

15354 MANAGEMENT OF OPEN COMPOUND COMMUNUTED INJURIES AROUND HINDFOOT USING RING FIXATOR: A NEW TECHNIQUE
Emal WARDAK, Mussa WARDAK (Afghanistan)

16257 USE OF VACUUM ASSISTED-CLOSURE DEVICE (VAC) IN TREATMENT OF DIABETIC, ISCHAEMIC AND POST-TRAUMATIC WOUNDS OF THE LOWER EXTERMITIES
Gershon VOLPIN, Leonid KOGAN, Haim SHTARKER (Israel)

16371 PERIPHERAL TALAR FRACTURES
Dusko PERICIC, Slaven BABIC, Tomislav SMOLJANOVIC (Croatia)

16568 OPEN REPAIR OF ACHILLES TENDON RUPTURE PERFORMED BY ORTHOPAEDIC TRAINEE SURGEONS
Shakir SYED, Riazuddin MOHAMMED, Aun MIRZA (United Kingdom)

16595 INTRA-ARTICULAR FRACTURE OF CALCANEUM - A STUDY OF FUNCTIONAL OUTCOME FOLLOWING SURGICAL OR CONSERVATIVE MANAGEMENT
Abhijeet SHROFF, Pankaj PATNI, Vishal RAJPUT, Ashish SINGH (India)

16725 SURGICAL TREATMENT OF EXTENSIONAL ANKLE CONTRACTURE RESULTING FROM HARD CALCANEAL FRACTURE, CONSOLIDATED IN MALPOSITION
Igor PAHOMOV, Michail SADOVOY, Valery PROHORENKO (Russian Federation)

17126 THE NEW CONSTRUCTION FOR TREATMENT OF FRACTURE OF CALCANEUM BONE
Sabyrbek DJUMABEKOV, Erkin SADYKOV (Kyrgyzstan)

17272 RESULTS OF CALCANEAL LOCKING PLATE FOR DISPLACED INTRA-ARTICULAR CALCANEAL FRACTURES
Vikas SHARMA, Mohammad MAQSOOD (United Kingdom)

17407 CLINICAL AND RADIOGRAPHIC OUTCOMES AFTER FIXATION OF ANKLE FRACTURES WITH SYNDESMOTIC INJURIES: SHOULD THE SYNDESMOTIC SCREW BE REMOVED?
James KELLAM, Nady HAMID, Stephen SIMS, Brian LOEFFLER, Michael BOSSE (United States)

17641 FUNCTIONAL OUTCOME IN INTRA-ARTICULAR FRACTURES OF CALCANEUM AFTER SURGERY AND CONSERVATIVE MANAGEMENT
Ashish SINGH, Raghav Sunil KAMMA, Sachin KAD, Sharukh DOTIVALA (India)

17711 OPERATIVE TREATMENT OF DISPLACED INTRA-ARTICULAR CALCANEUS FRACTURES
Mikhail GERASIMENKO, Evgeny MIKHNOVICH, Andrey SKRYPNIK (Belarus)

18165 TRIMALLEOLAR ANKLE FRACTURES WITH SYNDESMOTIC INJURIES, A HIGH RISK ASSOCIATION

Thami BENZAKOUR, Abderrazak HEFTI, Mohamed LEMSEFFER, Ahmed BENZAKOUR (Morocco)

18231 IRREDUCIBLE FRACTURE DISLOCATION OF THE ANKLE DUE TO TIBIALIS POSTERIOR TENDON INTERPOSITION

Eyup Selahattin KARAKAS, Mehmet Nurullah ERMÍS, Ahmet Sadi KILINC, Akif ALBAYRAK (Turkey)

18640 DISPLACED INTRA-ARTICULAR FRACTURES OF THE CALCANEUM: OPERATIVE VERSUS NONOPERATIVE MANAGEMENT

Devdatta NEOGI, Vivek TRIKHA, Ashish JAIMAN, Chandra Shekhar YADAV (India)

08:00-09:00

Free Papers – Joint: Hip I

Moderators: Miguel CABANELA (United States) & Chun Hoi YAN (Hong Kong)

- 15646 CONVERSION OF FAILED HEMIARTHROPLASTY TO TOTAL HIP REPLACEMENT: A SHORT TO MID-TERM FOLLOW-UP STUDY**
Amite PANKAJ (India)
- 15730 NAVIGATED NON IMAGE BASED POSITIONING OF THE ACETABULUM DURING THR**
Jean-Yves JENNY, Cyril BOERI, Jean-Claude DOSCH, Marius USCATU, Yann DIESINGER (France)
- 16015 FIXATION IN CEMENTLESS TOTAL HIP ARTHROPLASTY: A PROSPECTIVE RANDOMIZED CLINICAL TRIAL WITH RADIOSTEREOMETRIC ANALYSIS COMPARING THE TAPERLOC® AND MALLORY-HEAD POROUS® PROSTHESIS**
Julius WOLKENFELT, B. KAPTEIN, S.W. WITVOET-BRAAM, E.R. GARLING, E.R. VALSTAR, Robertus G.H.H. NELISSEN (Netherlands)
- 16478 COMPARISONS OF THREE DIFFERENT TECHNIQUES IN MINIMALLY INVASIVE TOTAL HIP ARTHROPLASTY**
Shigeru NAKAMURA, Masaaki MATSUBARA, Kazuo HIRAKAWA (Japan)
- 17195 DISLOCATION AFTER PRIMARY TOTAL HIP REPLACEMENT IN A DISTRICT GENERAL HOSPITAL IN SOUTH WALES - AN ANALYSIS**
Ashok MARUDANAYAGAM, Mohammad YAQOOB, Kiran NAIKOTI (United Kingdom)
- 17569 QUANTITATIVE ANALYSIS OF TISSUE INJURY LEVELS IN MINIMALLY INVASIVE TOTAL HIP ARTHROPLASTY**
Yoon Je CHO, Kang Il KIM, Ki Hyung YOO, Young Soo CHUN, Joon Ha ROH, Myung Chul YOO (Korea)
- 17607 RELATION BETWEEN IN-VIVO METAL TAPER CONDITIONS AND THE FRACTURE LOAD OF CERAMIC BALL HEADS**
Thomas PANDORF, Tobias NEUN, Roman PREUSS (Germany)
- 17669 PRIMARY TOTAL HIP ARTHROPLASTY WITH METAL-ON-METAL ARTICULATION**
Wing Keung WONG, Hok Leung WONG (Hong Kong)
- 17768 METASUL V/S METAL-ON-POLYETHYLENE HIP ARTHROPLASTY - A RANDOMISED CONTROLLED STUDY**
Rajeshkumar KAKWANI, Shankar KASHYAP, A. NANU, G. ROYSAM, H. EPSTEIN, Chris WAINWRIGHT (United Kingdom)
- 17955 CLINICAL RESULTS OF TOTAL HIP PROSTHESES WITH ALUMINA CERAMIC HEAD COMBINED WITH UHMWPE SOCKET FOR 19-21 YEARS BY RADIOGRAPHICAL STUDY**
Hiroyuki OONISHI, Sok Chol KIM, Masayuki KYOMOTO, Mikio IWAMOTO, Masaru UENO, Hironobu OONISHI (Japan)
- 18425 PRIMARY CEMENTLESS TOTAL HIP ARTHROPLASTY FOR BONY ANKYLOSIS IN PATIENTS WITH ANKYLOSING SPONDYLITIS**
Rajesh MALHOTRA, Vijay KUMAR, Surya BHAN (India)
- 18431 SPECIMEN SPECIFIC PREDICTION OF MUSCLE STRAIN DURING 3-DIMENSIONAL COMPUTER SIMULATED MIS TOTAL HIP ARTHROPLASTY**
Michael GRECULA, William BUFORD (United States)

09:00-10:30

Free Papers – Joint: Hip II

Moderators: Moussa HAMADOUCHE (France) & Wai Man TANG (Hong Kong)

- 16410 FEMORAL BONE REMODELING IN HA COATED STEMS WITH 20-YEAR FOLLOW-UP**
Jens BOLDT (Switzerland)

- 16527 RANDOMISED CONTROLLED TRIAL OF THE USE OF TOPICAL APPLICATION OF TRANEXAMIC ACID IN PRIMARY CEMENTED TOTAL HIP REPLACEMENT**
Sattar ALSHRYDA, B. ILANGO, S. ODAK, Amit SHAH (United Kingdom)
- 16604 FEMORAL APPROACH FOR THR IN DDH, IN HIGH DISLOCATED HIPS, COMPARISONS BETWEEN TWO SURGICAL TECHNIQUES**
Stefan CRISTEA, Andrei PRUNDEANU, Florin GROSEANU, Tudor ATASIEI, Vlad PREDESCU, Vlad GEORGEANU, Gheorghe PANAIT (Romania)
- 16899 EFFICACY, SAFETY AND PATIENT COMPLIANCE OF FOOT-PUMPS WITHOUT GRADUATED COMPRESSION STOCKINGS FOR PREVENTION OF DEEP-VEIN THROMBOSIS IN TOTAL JOINT REPLACEMENT**
Rocco PITTO (New Zealand)
- 17084 INTERMEDIATE TERM RESULTS OF FC2 HIP ARTHROPLASTY**
Aniruddha MITRA, Farschid MALEKI, David MULCAHY (Ireland)
- 17271 SURVIVAL RATES OF EACH COMPONENT IN METAL-ON-METAL RESURFACING HIP ARTHROPLASTY**
Fujio HIGUCHI, Yumiko ISHIBASHI, Shinichi ITOH, Kenjirou NAKAMA, Masafumi GOTOH (Japan)
- 17906 PARTICULAR INDICATIONS IN HIP RESURFACING ARTHROPLASTY - A MID-TERM REVIEW OF SELECTED CASES**
Andrei FIRICA, Marius NICULESCU, Mihai NEGRUSOIU, Mihai MAGUREAN (Romania)
- 18066 CEMENTLESS TOTAL HIP ARTHROPLASTY FOR HEMOPHILIC ARTHROPATHY - MINIMUM 5-YEAR FOLLOW-UP**
Kee Hyung RHYU, Myung Chul YOO, Yoon Je CHO, Kang Il KIM, Young-Soo CHUN (Korea)
- 18140 HIP ARTHROPLASTY BY ANTERIOR APPROACH: A SOLUTION TO HIP DISLOCATION?**
Marc JAYANKURA, Alain POTAZNIK, Marcel ROOZE, Katia CERMAK, Nathalie BILTIAU, Bruno GILLARD, Pascal REMY, Valérie GANGJI, Pierre PANDIN, Frédéric SCHUIND (Belgium)
- 18383 THE ANATOMY OF HIP RESURFACING PATIENTS: PREOPERATIVE RADIOGRAPHIC ANALYSIS OF A COHORT OF 200 HIPS**
Simon JAMESON, David LANGTON, Antoni NARGOL (United Kingdom)
- 18423 FEMORAL PERIPROSTHETIC STRESS-SHIELDING FOLLOWING CEMENTLESS TOTAL HIP REPLACEMENT**
Vijay KUMAR, Lalit SHARMA, Rajesh MALHOTRA (India)
- 18585 MEASUREMENT OF ANTERIOR ELEVATION OF THE FEMUR IN THA THROUGH DIRECT ANTERIOR APPROACH**
Masanori MATSUURA, Hirotsugu OHASHI, Tsuneyuki EBARA, Yuusaku OKAMOTO, Shinnji TAKAHASHI, Kouzou KITANO (Japan)
- 18660 LONG-TERM RESULTS WITH THE UNCEMENTED RIBBED HIP SYSTEM**
Heiner THABE (Germany)

10:30-11:00 *Break / Poster Discussion*

11:00-12:15 **Free Papers – Joint: Hip III**

Moderators: Francesco Saverio SANTORI (Italy) & Pak Ho CHAN (Hong Kong)

- 16043 ONE-STAGE BILATERAL UNCEMENTED HIP ARTHROPLASTY - A SIMULTANEOUS PROCEDURE FOR DYSPLASTIC OSTEOARTHRITIS**
Atsushi KUSABA, Saiji KONDO, Yoshikatsu KUROKI (Japan)
- 16215 TOTAL HIP ARTHROPLASTY IN YOUNG PATIENTS. 10 TO 16-YEAR RESULTS USING FIN HIP ARTHROPLASTY**
Giovanni ANNARATONE, Fabrizio RIVERA (Italy)
- 16714 TOTAL HIP ARTHROPLASTY AFTER HIP ARTHRODESIS**

Zoran POPOVIC (Serbia)

17352 MODULAR NECK PROSTHESIS

Antonio CROCE, Marco OMETTI (Italy)

17417 CLINICAL EVALUATION OF THE CEMENTED COLLARLESS DOUBLE-TAPERED TITANIUM STEM. 3-8-YEAR FOLLOW-UP

Sergey NIKITIN, Nikolay ZAGORODNIY, Khalit MAGOMEDOV, Eugeny LOMTATIDZE (Russian Federation)

18172 ACETABULAR PROTRUSION AND TOTAL HIP REPLACEMENT IN PATIENTS SUFFERING OF RHEUMATOID ARTHRITIS

Branimir KRALJEVIC, Veljko JOVANOVIC, Predrag STOSIC, Daniel MILOSAVLJEVIC, Boris GLUSCEVIC, Radomir RADIVOJEVIC (Serbia)

18185 PERIPROSTHETIC FRACTURES IN A REGIONAL ORTHOPAEDIC UNIT

Colm TAYLOR, Philip BRADY, David MULCAHY (Ireland)

18424 TOTAL HIP REPLACEMENT FOLLOWING ACETABULAR FRACTURES

Vijay KUMAR, Lalit SHARMA, Rajesh MALHOTRA (India)

12:15-13:00 *Plenary Lecture in Theatre 1*

13:00-14:00 *Lunch*

14:00-15:30 **Free Papers – Joint: Hip IV**

Moderators: Per ANDERSEN (Denmark) & Pak Ho CHAN (Hong Kong)

15933 MINIMALIZED DIRECT LATERAL APPROACH TO THE HIP

László BUCSI, Ferenc DOBOS (Hungary)

15972 IMPROVED CEMENTING TECHNIQUE - INTERFACE BIOACTIVE BONE CEMENT (IBBC)

Hiroshi FUJITA, Ryouichi NAGAHARA, Tomoo OKUMURA, Makoto YOSHIDA, Satoru YAMAMURA (Japan)

16755 RESULT AT A MINIMAL 12-YEAR FOLLOW-UP OF A CONTINUING TOTAL HIP ARTHROPLASTY SERIES WITH HIGH CARBON METAL/METAL PAIRING

Philippe TRICLOT (France)

17214 THR AFTER FAILED DHS

Ahmed ABDEL-AAL, Aly MOHAMEDEIN, Khaled ELBALAM (Egypt)

17307 COMPARISON OF POLYETHYLENE WEAR RATE AND RADIOGRAPHIC STABILITY BETWEEN CONVENTIONAL AND HIGHLY CROSS-LINKED POLYETHYLENE IN UNIFORM CEMENTLESS TOTAL-HIP-ARTHROPLASTY FOR SUBLUXATED OSTEOARTHRITIS - PROSPECTIVE CONSECUTIVE STUDY FOR 12 YEARS

Hiroshi FUJII, Hideo OHNISHI, Hajime UTSUNOMIYA, Satoshi OKABE, Hiroshi TSURUKAMI, Shinya TANAKA, Soshi UCHIDA, Toshitaka NAKAMURA (Japan)

17347 BIOBALL MODULAR ADAPTERS

Antonio CROCE, Marco OMETTI (Italy)

17516 EARLY OSTEOLYSIS IN ALUMINA-ON-ALUMINA ARTICULATION TOTAL HIP ARTHROPLASTY. A PROSPECTIVE STUDY OF 60 PATIENTS WITH AVERAGE 3-YEAR FOLLOW-UP

Pui Yan LAI, W.L. SHA, M.Y. LUI, W.H. SHEK, H.L. WONG (Hong Kong)

17774 THE NEW STEMMED CUP IN REVISION ARTHROPLASTY AND CDH: EXPERIENCE IN 307 IMPLANTS

Francesco Saverio SANTORI, Nicola SANTORI (Italy)

17840 BIRMINGHAM MODULAR TOTAL HIP REPLACEMENT: CLINICAL RESULTS AT A MINIMUM 2-YEAR FOLLOW-UP

Simon JAMESON, Elaine ROBINSON, Helen VINT, Ian CARLUKE, Mike REED, Paul PARTINGTON

(United Kingdom)

17970 THE MIS APPROACH IN SUPINE POSITION, TIPS AND TRICKS AFTER 1200 CASES

Sabine JUNK-JANTSCH, Gerald PFLÜGER, Johannes BONOMO (Austria)

18357 TOTAL HIP REPLACEMENT VERSUS HIP RESURFACING: RESTORATION OF OFFSET AND LEG LENGTH USING THE BIRMINGHAM BEARING SURFACE

Helen VINT, Simon JAMESON, Ian CARLUKE, Paul PARTINGTON, Mike REED (United Kingdom)

18621 FEMORAL HEAD CENTRE IN CHINESE ADULTS: RADIOLOGICAL ANALYSIS OF 415 PATIENTS

Andrew Pak Ho CHAN, Yuk Yin CHOW, Hok Leung WONG, King Hay Arthur MA (Hong Kong)

15:30-16:00 *Break / Poster Discussion*

16:00-17:30 **Free Papers – Joint: Hip V**

Moderators: Peter HERBERTS (Sweden) & Chun Hoi YAN (Hong Kong)

16759 PROTRUSIO ACETABULI IN THE ADULT - TREATMENT WITH IMPACTION BONE GRAFTING AND TOTAL HIP ARTHROPLASTY WITH UNCEMENTED CUP. TWO-YEAR RESULTS

Sukhman KALRA, Ashok Lal RAMAVATH, Ashok K. SINHA (United Kingdom)

16807 POSTOPERATIVE QUALITY OF LIFE IN THE PATIENTS WITH HETEROTOPIC OSSIFICATION AFTER TOTAL HIP REPLACEMENT

Artur STOLARCZYK, Lukasz NAGRABA, Tomasz MITEK, Jaroslaw DESZCZYNSKI (Poland)

17034 RECONSTRUCTION DIFFICULTIES IN THR FOR DDH

Mihai Viorel POPESCU, Razvan-Silviu CISMASIU, Emil George HARITINIAN, Daniel GEAMANU (Romania)

17201 OSSEOINTEGRATION OF SLPS (SELF LOCKING POROUS SYSTEM) HIP JOINT ENDOPROSTHESIS

Alexander RUTSKY, Alexander BELETSKY, Alexey MASLOV (Belarus)

17385 METASUL LDH FOR YOUNG PATIENTS WITH DISPLASTIC HIPS

Michael ZIMLITSKI, Levan NATCKEBIA, Vaga GAPRINDASHVILI (Georgia)

17753 A STEMLESS-NECK PRESERVING HIP IMPLANT WITH VERY LARGE CLINICAL INDICATIONS

Francesco Saverio SANTORI, Nicola SANTORI (Italy)

17761 THE PROXIMA HIP - A CONSERVATIVE HIP IN OVERSEVENTIES

Francesco Saverio SANTORI, Nicola SANTORI (Italy)

17786 THE EMERGENCE OF A NEW TYPE OF CERAMICS IN TOTAL HIP ARTHROPLASTY: THE ALUMINA MATRIX COMPOSITE (AMC)

Bernard MASSON, Thomas PANDORF (France)

17824 EARLY RESULTS AND EXPERIENCES WITH PROXIMA HIP ARTHROPLASTY

Kálmán TÓTH, Gellért SOHÁR, Ferenc GREKSA, László MÉCS (Hungary)

18243 RESULTS OF TOTAL HIP ARTHROPLASTY IN TREATMENT OF DEVELOPMENTAL DISLOCATION OF THE HIP

Mehmet Ali DEVECI, Aykin SIMSEK, Erdal CILA, Alparslan SENKÖYLÜ, Erdinç ESEN, Ertugrul SENER, Selcuk BÖLÜKBASI (Turkey)

18407 LIAW'S VERSION - A NEW STANDARDISED VERSION OF ACETABULAR PROSTHESIS

Chen-Kun LIAW, Chiou-Shann FUH, Rong-Sen YANG, Sheng-Mou HOU, Tai-Yin WU, Chun-Han HOU (Taiwan)

18413 THE ROLE OF ARTHROSCOPY IN RESURFACING ARTHROPLASTY OF THE HIP

Vikas KHANDUJA, Kristian SISAK, Richard VILLAR (United Kingdom)

18443 ENDOPROTHESIS OF COXAL JOINT ON TECHNOLOGY OF THE NEW GENERATION

Sabyrbek DJUMABEKOV, Sovetbek KAZAKOV, Bakyt KALCHAEV, Taalay KULUEV, Abdumavlyn ASAMIDINOV (Kyrgyzstan)

Tuesday, 26 August 2008

Room 603/604

08:00-10:30 **AO Foundation Jubilee Symposium – New Concepts in Osteoporotic Fractures**

OPENING AND AO CONTRIBUTION TO THE WORLD

Chris VAN DER WERKEN (Netherlands)

WHAT'S NEW IN AO EDUCATION

Piet DE BOER (Switzerland)

Session 1: Osteoporosis: The Silent Epidemic

Moderators: Piet DE BOER (Switzerland) & Chris VAN DER WERKEN (Netherlands)

OSTEOPOROSIS - A GLOBAL CHALLENGE

Chris VAN DER WERKEN (Netherlands)

BIOMECHANICS OF OSTEOPOROTIC BONE

Norbert SUHM (Switzerland)

OUTCOME AFTER OSTEOPOROTIC FRACTURES

(speaker to be confirmed)

TREATING THE WHOLE PATIENT

Frankie LEUNG (Hong Kong)

DRUGS AND FRACTURE HEALING OF OSTEOPOROTIC FRACTURES

Frankie LEUNG (Hong Kong)

19013 AO CLINICAL PRIORITY PROGRAM: FRACTURE FIXATION IN OSTEOPOROTIC BONE

James KELLAM (United States)

AO TEACHING: HOW TO IMPLEMENT NEW FINDING IN TEACHING OSTEOPOROTIC FRACTURE MANAGEMENT

Piet DE BOER (Switzerland)

Discussion

10:30-11:00 *Break / Poster Discussion*

11:00-12:15 **AO Foundation Jubilee Symposium – New Concepts in Osteoporotic Fractures**

Session 2: Fixation of Osteoporotic Fractures

Moderators: Norbert HAAS (Germany) & Norbert SUHM (Switzerland)

19065 DEVELOPMENT OF NEW IMPLANTS FOR OSTEOPOROTIC FRACTURES

Norbert HAAS (Germany)

MECHANICAL MEASUREMENT OF BONE STRENGTH

Norbert SUHM (Switzerland)

SURGICAL TECHNIQUES FOR OSTEOPOROTIC FRACTURES

Chris VAN DER WERKEN (Netherlands)

Discussion

12:15-13:00 **Plenary Lecture in Theatre 1**

13:00-14:00 **Lunch Symposium – Pfizer**

Lunch boxes will be served to attendees of the session.

PAIN MANAGEMENT IN THE PERI-OPERATIVE ORTHOPAEDIC SETTING

Michael IRWIN (Hong Kong)

14:00-15:30 **SICOT Sports Medicine Symposium – Current Trends in Sports Medicine: An international Perspective on Managing Sports Injuries to the Knee**

Moderators: Chadwick SMITH (United States) & Wilson LI (Hong Kong)

19211 PREVENTION STRATEGIES FOR SPORTS INJURIES TO THE KNEE

Wilson LI¹, Patrick YUNG¹, Lars ENGBRETSSEN²
¹(Hong Kong), ²(Norway)

SPECIAL CONSIDERATIONS IN THE ELITE ATHLETE

Chadwick SMITH (United States)

ARTHROSCOPY IN KIDS

Chadwick SMITH (United States)

THE NOT-SO-YOUNG SPORTSMEN: “IS THERE A PLACE FOR ARTHROSCOPIC MANAGEMENT OF OSTEOARTHRITIC KNEE?”

Philippe DELINCE (Belgium)

WIRELESS VIDEO ARTHROSCOPY

Stephen P. ABELOW (United States)

15:30-16:00 *Break / Poster Discussion*

16:00-17:30 **SICOT Sports Medicine Symposium – Closing and Close-up on the Beijing Games: What we learnt from 2008?**

Moderators: Chadwick SMITH (United States) & Wilson LI (Hong Kong)

EMERGENCY CARE AT MAJOR SPORTS EVENTS

Wahid AL-KHARUSI (Oman) for Asia, Pedro GARCIA GUILLEN (Spain) for Europe, Chadwick SMITH & Stephen P. ABELOW (United States) for North America, Marcos MUSAFIR (Brazil) for South America

19148 INJURY PATTERN SURVEILLANCE AT THE 2008 OLYMPICS

Patrick YUNG¹, Wilson LI¹, Kai Ming CHAN¹, Lars ENGBRETSSEN²
¹(Hong Kong), ²(Norway)

19199 MEDICAL COVERAGE OF THE OLYMPIC EQUESTRIAN GAMES

Wilson LI (Hong Kong)

09:00-10:30 **Free Papers – Spine: Disc Prosthesis**

Moderators: Ebbe HANSEN (Denmark) & Wai Hung LIE (Hong Kong)

16310 TOTAL LUMBAR DISC REPLACEMENT

Arvind KULKARNI¹, Ashish DIWAN²
¹(India), ²(Australia)

16993 PREDICTORS OF DURAL TEARS IN POSTERIOR SPINAL FUSION

Markus MELLOH¹, Thomas ZWEIG², Lukas STAUB², Emin AGHAYEV², Thomas BARZ³, Peter RIEGER³, Jean-Claude THEIS¹, Christoph ROEDER²
¹(New Zealand), ²(Switzerland), ³(Germany)

16996 THE DIAGNOSTIC VALUE OF A TREADMILL TEST IN PREDICTING LUMBAR SPINAL STENOSIS

Markus MELLOH¹, Thomas ZWEIG², Peter RIEGER³, Lukas STAUB², Emin AGHAYEV², Christoph ROEDER², Jean-Claude THEIS¹, Thomas BARZ³
¹(New Zealand), ²(Switzerland), ³(Germany)

17570 CONTRAST MEDIA INJECTION BEFORE PERCUTANEOUS VERTEBROPLASTY: IS IT REALLY EFFECTIVE?

Alpaslan SENKOYLU, Ahmet ATES, Aykin SIMSEK, Necdet ALTUN (Turkey)

17944 ACUTE AORTIC DISSECTION OR RUPTURED AORTIC ANEURYSM ASSOCIATED WITH BACK PAIN AND PARAPLEGIA

Katsuhito YOSHIOKA, Yasumitsu TORIBATAKE, Norio KAWAHARA, Katsuro TOMITA (Japan)

18144 CLINICAL RESULTS AND INFLUENCE OF COMORBIDITY IN LUMBAR TOTAL DISC REPLACEMENT MEASURED IN A MANDATORY REGISTRY - SWISSSPINE: 378 INTERVENTIONS - 439 IMPLANTS

Thomas ZWEIG¹, Markus MELLOH², Lukas STAUB¹, Emin AGHAYEV¹, Patrick MOULIN¹, Max AEBI¹, Christoph ROEDER¹
¹(Switzerland), ²(New Zealand)

18170 THE CLINICAL DIFFERENCE OF SPONDYLOTIC MYELORADICULOPATHY

Yuan XUE, Pei WANG, Xinlong MA, Shifu GUO (China)

18240 L5-S1 STABILISATION BY MEANS OF A "PROTECTED" INTERLAMINAR DEVICE

Paolo PALUMBI, Roberto ROSSI, Gaetano GIUDICE, Piergiorgio VASINA (Italy)

18293 MINIMALLY INVASIVE PEDICLE SCREW FIXATION WITH USING STANDARD INSTRUMENTS DESIGNED FOR THE OPEN APPROACH

Temel TACAL, Mehmet Nurullah ERMÍS, Ahmet Sadi KILINC, Umit TUHANOGLU, Ozgun ERCELTIK (Turkey)

18916 CERVICAL ARTIFICIAL DISC REPLACEMENT FOR THE TREATMENT OF CERVICAL SPONDYLOSIS

Jian-de XIAO, Yang CHEN, ZhenYu LI, Hongyin YAN, Zheng YU, Changqing TIAN (China)

10:30-11:00 *Break / Poster Discussion*

11:00-12:15 **Free Papers – Spine: Scoliosis Correction**

Moderators: John DORMANS (United States) & Wai Yuen CHEUNG (Hong Kong)

17291 DO ADOLESCENTS WITH A SEVERE IDIOPATHIC SCOLIOSIS HAVE HIGHER LOCATIONS OF THE CONUS MEDULLARIS THAN HEALTHY ADOLESCENTS?

Xu SUN¹, Winnie C.W. CHU², Jack C.Y. CHENG², Feng ZHU¹, Zezhang ZHU¹, Yang YU¹, Bin WANG¹, Yong QIU¹
¹(China), ²(Hong Kong)

17305 ABNORMAL EXPRESSION AND ETIOLOGICAL SIGNIFICANCE OF BMPR-IA/IB IN

MESENCHYMAL STEM CELLS FROM ADOLESCENT IDIOPATHIC SCOLIOSIS

Bin WANG, Qiang SUN, Zhen LIU, Yong QIU, Zezhang ZHU, Feng ZHU, Yang YU, Bangping QIAN, Weiwei MA (China)

17320 RIB LENGTH DISCREPANCY IN ADOLESCENTS WITH IDIOPATHIC SCOLIOSIS AND WITH SCOLIOSIS ASSOCIATED WITH CHIARI MALFORMATIONS

Guangquan SUN, Yong QIU, Bin WANG, Yang YU, Zezhang ZHU, Feng ZHU, Bangping QIAN, Weiwei MA, Xu SUN, Zhen LIU (China)

17598 CLINICAL OUTCOME OF CORRECTION SURGERY USING KANEDA ANTERIOR SCOLIOSIS SYSTEM FOR IDIOPATHIC SCOLIOSIS

Daichi ISHIMARU, Katsuji SHIMIZU, Hideo HOSOE, Kei MIYAMOTO, Kenichiro TANAKA, Chizuo IWAI (Japan)

17985 AGGRECAN GENE EXPRESSION ABNORMALITY AS ETIOLOGIC FACTOR OF IDIOPATHIC SCOLIOSIS AND SCHEUERMANN'S DISEASE DEVELOPMENT

Alla ZAIDMAN, Michael SADOVOY, Tatyana SADOVAYA, Anastasiya KOREL, Michael MIKHAILOVSKY (Russian Federation)

18204 POSTERIOR INSTRUMENTATION AND FUSION FOR IDIOPATHIC SCOLIOSIS THAT CURVES MORE THAN 70 DEGREES

Temel TACAL, Mehmet Nurullah ERMİS, Osman CIMEN, Hüseyin Emre AKDENİZ, Eyup Selahattin KARAKAS (Turkey)

18456 EPIDEMIOLOGY AND RISK FACTORS ASSOCIATED WITH LUMBOSACRAL JUVENILE DEGENERATIVE DISC DISEASE (JDDD)

Dino SAMARTZIS¹, Jaro KARPPINEN², Florence MOK³, Daniel Y.T. FONG³, Keith D.K. LUK³, Kenneth M.C. CHEUNG³
¹(United States), ²(Finland), ³(Hong Kong)

18597 RISK FACTORS FOR POSTOPERATIVE PANCREATITIS IN CEREBRAL PALSY PATIENTS AFTER SPINE FUSION WITH UNIT ROD INSTRUMENTATION

Battugs BORKHUU, Durga KOWTHARAPU, Aaron LITTLETON, Kirk DABNEY, Freeman MILLER (United States)

18669 LUMBAR HEMIVERTEBRA EXCISION BY SINGLE STAGE POSTERIOR APPROACH WITH TRANSPEDICULAR INSTRUMENTATION: A CASE SERIES, SURGICAL TECHNIQUE, RESULTS AND LITERATURE REVIEW

Ashok GAVASKAR, Rajamani ACHIMUTHU (India)

18918 MANAGEMENT OF NEGLECTED CONGENITAL SCOLIOSIS

Wun-Jer SHEN, Jianmin SUN, Young-Shung SHEN (Taiwan)

12:15-13:00 **Plenary Lecture in Theatre 1**

13:00-14:00 **Lunch**

14:00-15:30 **Free Papers – Spine: Cervical Spine I**

Moderators: Cody BÜNGER (Denmark) & Ying Kei CHAN (Hong Kong)

15383 A PROSPECTIVE ANALYSIS OF STAND-ALONE ANTERIOR COLUMN RECONSTRUCTION AND INSTRUMENTATION IN SEVERE CERVICAL KYPHOSIS

Nanjundappa S. HARSHAVARDHANA¹, Mihir BAPAT², Umesh METKAR³, Kshitij CHAUDHARY², Satyajit MARAWAR³, Vinod LAHERI²
¹(United Kingdom), ²(India), ³(United States)

16308 VERTICAL ATLANTOAXIAL INDEX: A NEW CRANIOVERTEBRAL RADIOLOGICAL INDEX

Arvind KULKARNI, Atul GOEL (India)

16331 PROGNOSIS OF THE OPERATED CERVICAL SPINE WITH VERTICAL SUBLUXATION IN RHEUMATOID ARTHRITIS

Masanori FUJIYA (Japan)

- 16496 ANTERIOR PLATE FIXATION OF LOWER CERVICAL SPINE FRACTURES COMPARING TWO ANGULAR STABLE IMPLANTS**
Florian KUTSCHA-LISSBERG, Patrick PLATZER, Christian GÄBLER, Vilmos VÉCSEI (Austria)
- 16552 ANTERIOR PLATE FIXATION OF ODONTOID FRACTURES**
Patrick PLATZER, Gerhild THALHAMMER, Florian KUTSCHA-LISSBERG, Christian GÄBLER, Vilmos VÉCSEI, Rupert SCHUSTER (Austria)
- 16870 COMPARISON OF EXPANSION OF THE SPINAL CANAL IN TWO SURGICAL METHODS FOR CERVICAL MYELOPATHY - TENSION-BAND LAMINOPLASTY AND DOUBLE-DOOR LAMINOPLASTY**
Shigeru HIRABAYASHI, Makoto MIURA, Hiromu YAMAMOTO, Tomoyuki IWAHORI, Takashi MATSUSHITA (Japan)
- 17942 MULTILEVEL OBLIQUE CORPECTOMY WITH IMAGE-GUIDED NAVIGATION FOR MULTISEGMENTAL CERVICAL SPONDYLOTIC MYELOPATHY - NEW MINIMALLY INVASIVE CERVICAL SURGERY WITHOUT FUSION OR INSTRUMENTATION**
Sang-Ho LEE, Ho Yeon LEE, Hyeong-Kweon SON, June Ho LEE, Oon Ki BAEK, Tae Joon AHN, Chan Shik SHIM (Korea)
- 18032 CLINICAL RESULTS IN CERVICAL TOTAL DISC REPLACEMENT (TDR) - 557 IMPLANTS IN A SWISS-SPINAL HTA REGISTRY**
Thomas ZWEIG¹, Markus MELLOH², Emin AGHAYEV¹, Patrick MOULIN¹, Max AEBI¹, Christoph ROEDER¹
¹(Switzerland), ²(New Zealand)
- 18180 FLIP-COIN-TEST IS SIMPLE, OBJECTIVE AND EFFECTIVE IN MONITORING THE HAND FUNCTION OF PATIENTS SUFFERING FROM CERVICAL MYELOPATHY**
Ying Kei CHAN (China)
- 18323 ODONTOID FRACTURES IN ELDERLY COMPARING OPERATIVE AND NONOPERATIVE TREATMENT**
Gerhild THALHAMMER, Patrick PLATZER, Florian KUTSCHA-LISSBERG, Anna KRUMBOECK, Christian GÄBLER, Vilmos VÉCSEI (Austria)
- 18777 FACTORS AFFECTING THE LENGTH OF LIFE AFTER CERVICAL SPINE SURGERY IN RA PATIENTS: COMPARISON BETWEEN PATIENTS WHO HAD LIVED SHORTER THAN 5 YEARS AND THOSE WHO HAD BEEN LIVING MORE THAN 10 YEARS AFTER SURGERY**
Yutaka KOIZUMI, Yushin ISHII, Naoki MOROZUMI, Kentaro ISHIBASHI, Takashi KUSAKABE, Shigetsune MATSUYA, Tatsuro SASAJI, Shoichi KOKUBUN (Japan)
- 18925 THE DIAGNOSIS AND TREATMENT OF ADOLESCENT FATIGUE CERVICAL DISLOCATION AND KYPHOSIS**
Jian-sheng ZHOU, Zhen-hua LIU, Guo-qi NIU (China)

15:30-16:00 *Break / Poster Discussion*

16:00-17:30 **Free Papers – Spine: Cervical Spine II**

Moderators: Katsuji SHIMIZU (Japan) & Yat Wa WONG (Hong Kong)

- 15582 INTEGRATED OUTCOME ASSESSMENT AFTER ANTERIOR CERVICAL DISCECTOMY, FUSION (ACDF) WITH AUTOGRAFT AND PLATING IN CERVICAL SPONDYLOMYELOPATHY**
Emal WARDAK¹, Vishal KUMAR², Raj BAHADUR², Mohd. Mussa WARDAK¹
¹(Afghanistan), ²(India)
- 15943 EARLY DIAGNOSTICS OF CONGENITAL AND DISPLASTIC SCOLIOSIS AND SPRENGEL'S DISEASE**
Dmitriy KOLCHIN (Russian Federation)
- 16309 PAEDIATRIC CERVICAL TRAUMA - PATTERNS OF INJURY AND MANAGEMENT**
Arvind KULKARNI, Andrew CREE (India)
- 16365 MANAGEMENT OF THE TANDEM OSSIFICATION OF THE POSTERIOR LONGITUDINAL**

LIGAMENT AND LIGAMENTUM FLAVUM: A SYSTEMATIC REVIEW OF THE LITERATURE

Jiong Jiong GUO, Huilin YANG, Tiansi TANG (China)

- 16995 PROGNOSTIC VALUE OF DELTOID M-WAVE MEASUREMENT FOR SHOULDER GIRDLE WEAKNESS IN CERVICAL SPONDYLOTIC RADICULOPATHY**
Toshikazu TANI, Shinichirou TANIGUCHI, Kenji ISHIDA, Masahiko IKEUCHI, Tatsunori IKEMOTO (Japan)
- 16997 COMPARISON OF CERVICAL DISC REPLACEMENT AND FUSION OF ADJACENT SEGMENTS VS. DISC REPLACEMENT ALONE**
Markus MELLOH¹, Thomas ZWEIG², Peter RIEGER³, Emin AGHAYEV², Lukas STAUB², Christoph ROEDER², Jean-Claude THEIS¹, Thomas BARZ³
¹(New Zealand), ²(Switzerland), ³(Germany)
- 17207 POSTERIOR ATLANTO-AXIAL ARTHRODESIS FOR FIXATION OF ODONTOID NONUNIONS**
Patrick PLATZER, Gerhild THALHAMMER, Anna KRUMBOECK, Florian KUTSCHA-LISSBERG, Stefan DITTRICH, Christian GÄBLER, Manuela JAINDL, Vilmos VÉCSEI (Austria)
- 17873 CLINICAL SIGNIFICANCES OF THE CERVICAL SPINAL STENOSIS IN TRAUMATIC CERVICAL SPINAL CORD INJURY - ANALYSIS WITH PLAIN RADIOGRAPHS AND MRI**
Byung-Wan CHOI, Ji-Hun SONG, Kyung-Jin SONG (Korea)
- 17883 ANTERIOR CERVICAL ARTHRODESIS WITH AUTOGENOUS ILIAC BONE GRAFT WITH OR WITHOUT PLATE FIXATION FOR THE DEGENERATIVE CERVICAL SPINAL DISORDERS**
Gyu-Hyung KIM, Kyung-Jin SONG, Kwang-bok LEE, Byung-Wan CHOI (Korea)
- 18053 CERVICAL RADICULOPATHY CAUSING DROP FINGERS**
Yasuhisa TANAKA, Osamu YAMAGUCHI, Takumi TSUBAKINO (Japan)
- 18397 THE DISCOCERV CERVICAL DISC REPLACEMENT - PRELIMINARY TWO-YEAR CLINICAL EXPERIENCE**
Zaki CHOUDHURY, Dan PLEV (United Kingdom)
- 18917 THE CLINICAL APPLICATION OF AO/ASIF LATERAL MASS PLATE IN THE TREATMENT OF MIDDLE OR LOWER CERVICAL FRACTURE AND DISLOCATION**
Jian-de XIAO, Yang CHEN, Zhen Yu LI (China)
- 18947 POSTERIOR C1-C2 FUSION WITH PEDICLE SCREW AND ROD FIXATION IN TRAUMATIC ATLANTOAXIAL DISLOCATION WITH DENS FRACTURE**
Xuhua LU, Dinglin ZHAO (China)

Tuesday, 26 August 2008

Room 606/607

09:05-10:35 **World Orthopaedic Concern (WOC)**

Moderators: Geoffrey WALKER (United Kingdom) & John MUKHOPADHAYA (India)

19137 A NEW OPERATION IN THE TREATMENT OF NEGLECTED DISLOCATED HIP IN CHILDREN IN DEVELOPING COUNTRIES

Surijanto MUSKITA¹, Ger OLYHOEK², Debora Theodesia MUSKITA¹
¹(Indonesia), ²(Netherlands)

19126 TREATMENT OF NEGLECTED CTEV BY PONSETI METHOD

Sakthi Prasad DAS, P.K. SAHOO, R.N. MOHANTY, S.K. DAS (India)

19120 MANAGEMENT OF FRACTURES OF FEMORAL SHAFT IN PEDIATRIC AGE GROUP UNDER FEMORAL NERVE BLOCK AND IMMEDIATE HIP SPICA APPLICATION

Lalit MAINI (India)

19124 MANAGEMENT OF INTRA ARTICULAR FRACTURES IN THE UPPER AND LOWER LIMBS BY JESS (JOSHI'S EXTERNAL STABILISATION SYSTEM) - A MINIMALLY INVASIVE TECHNIQUE

Ram PRABHOO (India)

Moderators: Michael LAURENCE (United Kingdom) & Anil Kumar JAIN (India)

19123 PERCUTANEOUS PINNING OF DISPLACED SUPRACONDYLAR FRACTURES OF THE HUMERUS IN CHILDREN - A RETROSPECTIVE STUDY OF 42 PATIENTS

Rajeev NAIK (India)

19121 CLINICAL EXPERIENCE OF INTRAMEDULLARY SPLINTAGE FOR SUPRACONDYLAR FRACTURES OF FEMUR

Amitava N. MUKHERJEE, Debadyuti BAKSI (India)

PROXIMAL FEMORAL NAIL FOR TREATMENT OF INTERTROCHANTERIC AND SUBTROCHANTERIC FRACTURES - OUR EXPERIENCE

G. N. SRINIVAS

Moderators: Syed AWAIS (Pakistan) & Ger OLYHOEK (Netherlands)

19115 LIMB SALVAGE FOR MALIGNANT BONE TUMORS - OUR EXPERIENCE

Alok C. AGRAWAL (India)

19128 CHALLENGES IN THE DIAGNOSIS AND MANAGEMENT OF MUSCULOSKELETAL TUMOURS IN AN AFRICAN COUNTRY

Uwale EYESAN, Michael E. UGBEYE, D. OBALUM, O. UGUEGBULAM, I.E.O. ALABI, O.E. NNODU, E.B. ABDULKAREEM (Nigeria)

15724 PATELLAR SECONDARIES - A CASE REPORT

Hydar KUNNUMMAL (India)

19118 LEARNING CURVE IN SPINE SURGERY: A BEGINNER'S EXPERIENCE

Janardhana AITHALA (India)

19116 MRI EVALUATION OF TB SPINE LESION

Anil Kumar JAIN (India)

10:35-10:45 *Break / Poster Discussion*

10:45-12:05 **World Orthopaedic Concern (WOC)**

Moderators: Shanmuganathan RAJASEKARAN (India) & Michael LAURENCE (United Kingdom)

First J.N. Wilson Memorial Oration

Tiruchirapalli K. SHANMUGASUNDARAM (India)

President's Address

Shanmuganathan RAJASEKARAN (India)

Moderators: Tiruchirapalli K. SHANMUGASUNDARAM (India) & Ram PRABHOO (India)

- 19129 LARGE GAP NON-UNIONS OF TIBA. RESULTS OF ONE STAGE TIBIALIZATION OF FIBULA**
Zile Singh KUNDU (India)
- 19125 CONCURRENT BILATERAL FEMORAL NECK FRACTURES FOLLOWING PELVIC IRRADIATION**
Raphael AYORINDE (Nigeria)
- 19119 RESULTS OF SURGICAL RECONSTRUCTION FOR FRACTURES OF THE DISTAL HUMERUS PRESENTING LATE**
John MUKHOPADHAYA, Swastik SHIVAPURI (India)
- 19127 CHRONIC OSTEOMYELITIS IN BONE SUBSTITUTION**
Muhammad Tariq SOHAIL (Pakistan)

12:15-13:00 *Plenary Lecture in Theatre 1*

13:00-14:00 *Lunch*

14:00-17:30 **SICOT / SRS (Scoliosis Research Society) – Paediatric Deformity**

Session 1: Adolescent Idiopathic Scoliosis

Moderators: Kamal IBRAHIM (United States) & B. Stephens RICHARDS (United States)

- 19272 AIS - OVERVIEW AND HOW TO AVOID REPEAT SURGERY**
B. Stephens RICHARDS (United States)
- 19188 OVERVIEW OF AIS – SELECTION OF FUSION LEVELS**
Kamal IBRAHIM (United States)
- 17296 ACCURACY OF VERTEBRAL SCREW INSERTION IN THORACIC AIS PATIENTS: A COMPARISON BETWEEN THE THORACOSCOPIC AND THE THORACOTOMY APPROACH**
Yong QIU, Weijun WANG, Zezhang ZHU, Feng ZHU, Bin WANG, Yang YU, Bangping QIAN, Weiwei MA (China)
- 17999 SCREENING SCOLIOSIS IN SHENZHEN SCHOOLS AND GENE EXPRESSION PROFILE OF ADOLESCENT IDIOPATHIC SCOLIOSIS**
Guibing FU, Shengping TANG, Dan LIU, Ke SHUN, Xifeng DU, Chao YOU, Jingming HAN (China)

Session 2: Early Onset Scoliosis

Moderators: Cody BÜNGER (Denmark) & George THOMPSON (United States)

GROWING ROD SURGERY

Cody BÜNGER (Denmark)

- 19195 VEPTR: PERSPECTIVE FROM A GROWING ROD EXPERT**
George THOMPSON (United States)
- 17314 THE INFLUENCE OF THORACIC KYPHOSIS ON THE SAGITTAL ALIGNMENT AND THE BALANCE OF THE LUMBOSACRAL SPINE IN ADOLESCENT IDIOPATHIC THORACIC**
Gang YIN, Zhen LIU, Yong QIU, Bin WANG, Yang YU, Zezhang ZHU, Bangping QIAN, Feng ZHU (China)
- 17311 COMPARISON OF EFFECTIVENESS OF HALO-FEMORAL TRACTION AFTER ANTERIOR SPINAL RELEASE IN SEVERE IDIOPATHIC AND CONGENITAL SCOLIOSIS**
Zhen LUI, Yong QIU, Zezhang ZHU, Bin WANG, Yang YU, Feng ZHU, Bangping QIAN, Weiwei MA, Xu SUN (China)

Session 3: Congenital Scoliosis

Moderators: Keith LUK (Hong Kong) & Kamal IBRAHIM (United States)

19164 OVERVIEW AND THE ROLE OF HEMIVERTEBRA EXCISION

Keith LUK, Kenneth M.C. CHEUNG (Hong Kong)

17263 TREATMENT OF CONGENITAL SCOLIOSIS ASSOCIATED WITH THORACIC DEFORMITY, PRIMARY REPORT OF VEPTR APPLICATION

Bochang CHEN (China)

17887 ACCURACY AND UTILITY OF SCHOOL SCREENING FOR SCOLIOSIS IN HONG KONG

Chun Fan LEE, Daniel Yee Tak FONG, Kenneth Man Chee CHEUNG, Kwok Hang MAK, Jack Chun Yiu CHENG, Paul Siu Fai YIP, Bobby Kin Wah NG, Keith Dip Kei LUK (Hong Kong)

Session 4: Kyphosis Surgery in Children

Moderators: Oheneba BOACHIE-ADJEI (United States) & André KAELIN (Switzerland)

19169 KYPHOSIS IN CHILDREN, SCHEUREMANN'S AND OTHER KYPHOSIS

Oheneba BOACHIE-ADJEI (United States)

19203 POTT'S DISEASE/SPINAL TUBERCULOSIS IN CHILDREN

André KAELIN (Switzerland)

Session 5: Spondylolisthesis – Current Approaches and Controversies

Moderators: John DORMANS (United States) & George THOMPSON (United States)

OVERVIEW OF SPONDYLOLISTHESIS

John DORMANS (United States)

Session 6: Scoliosis Surgery – Blood Loss, Monitoring, and Complications

Moderators: Cody BÜNGER (Denmark) & Keith LUK (Hong Kong)

19196 BLOOD LOSS IN SCOLIOSIS SURGERY

George THOMPSON (United States)

SPINAL CORD MONITORING: HOW TO AVOID AND MANAGE NEUROLOGIC COMPLICATIONS

John DORMANS (United States)

18598 RISK FACTORS FOR PROGRESSION OF THORACOLUMBAR KYPHOSIS IN CHILDREN WITH ACHONDROPLASIA

Battugs BORKHUU, Durga KOWTHARAPU, Gilbert CHAN, Aaron LITTLETON, William G. MACKENZIE (United States)

Tuesday, 26 August 2008

Room 608

09:00-12:15 **International Hip Society** (*closed session*)

12:15-13:00 **Plenary Lecture in Theatre 1**

13:00-14:00 **Lunch**

14:00-17:30 **International Hip Society** (*closed session*)

Wednesday, 27 August 2008

	Theatre 1	Theatre 2	403	404 / 405	406 / 407	408	603 / 604	605	606 / 607	608
08:00 -09:00	CTL Spine: Cervical Degeneration	CTL Joint: Total Hip Arthroplasty	CTL Sports Medicine: Current Concepts on Knee Ligament Surgery	CTL Trauma: Minimally Invasive Plate Osteosynthesis	CTL Tumours: Update in Bone Tumour Management	CTL Hand & Wrist				
09:00 -10:30	Symposium Sports Medicine: Managing Knee Ligament Instabilities	Free Papers Joint: Infections	Free Papers Sports Medicine: Multiple Ligament Injuries / Ligament Reconstruction I	Symposium Trauma: Minimally Invasive Plate Osteosynthesis	Symposium & Free Papers Basic Science: Cells Biology & Clinical Applications	Free Papers Spine: Spinal Stenosis	SICOT / SRS (Scoliosis Research Society): Adult Deformity	Free Papers Shoulder & Elbow: Fractures & Lesions of the Shoulder & Humerus	SICOT / 5th International Clubfoot Congress	
<i>Break / Poster Discussion</i>										
11:00 -12:15	Symposium Sports Medicine: Managing Articular Cartilage Defects (Knee)	Symposium Joint: Complications	World Health Organization (WHO): Global Initiatives on Essential Surgical Care	Free Papers Trauma: Tibial Fractures I	Free Papers Basic Science: Cells & Tissue Engineering	Free Papers Spine: Degenerative Spine		Free Papers Shoulder & Elbow: Elbow Fractures in the Child		Free Papers Trauma: Acetabular & Proximal Fractures
12:15 -13:00	Plenary Lecture Peter Herberts									
				Lunch Symposium Link	Lunch Symposium Smith & Nephew		Lunch Symposium Synthes			
14:00 -15:30	Free Papers Joint: Thrombopro- phylaxis / Osteotomies Around the Knee	Free Papers Joint: Osteonecrosis	Free Papers Sports Medicine: Anterior Cruciate Ligament Repair	Free Papers Trauma: Tibial Fractures II	Free Papers Basic Science: Osteonecrosis & Reconstruction	Free Papers Spine: Tumours & Infection	AOSpine: Current Controversies in the Treatment of Spinal Disorders	Free Papers Shoulder & Elbow: Reconstruction I	SICOT / 5th International Clubfoot Congress	Free Papers Trauma: Fractures Around the Knee I
<i>Break / Poster Discussion</i>										
16:00 -17:30		Symposium Joint: Primary Total Hip Arthroplasty	Free Papers Sports Medicine: Ligament Reconstruction II	Free Papers Trauma: Osteoporotic Fractures and Trauma	Free Papers Basic Science: Bone Healing & Reconstruction			Free Papers Shoulder & Elbow: Reconstruction II		Free Papers Trauma: Fractures Around the Knee II

CTL = Current Trend Lectures

Wednesday, 27 August 2008

Theatre 1

08:00-09:00 **CTL – Spine: Cervical Degeneration**

Moderators: Wai Yuen CHENG (Hong Kong) & Jeff WANG (Hong Kong)

18458 NON-SPECIFIC NECK PAIN: ITS SYMPTOMATOLOGY AND LOCAL ANESTHETIC BLOCK
Shoichi KOKUBUN (Japan)

ANTERIOR CERVICAL FUSION
Jae Yung CHUNG (Korea)

19139 CURRENT TRENDS OF CERVICAL LAMINOPLASTY
Manabu ITO (Japan)

09:00-10:30 **Symposium – Sports Medicine: Managing Knee Ligament Instabilities**

Moderators: Francis Y.K. LAU (Hong Kong) & Wilson LI (Hong Kong)

ANTERIOR CRUCIATE LIGAMENT: GRAFT SELECTION IN 2008
Philippe DELINCE (Belgium)

FUTURE RESEARCH LINES IN ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION
Patrick YUNG (Hong Kong)

APPROACH TO THE ACUTELY DISLOCATED KNEE
Eduardo ZAMUDIO (Chile)

MANAGEMENT OF MEDIAL COLLATERAL LIGAMENT INJURIES
Chih-Hwa CHEN (Taiwan)

10:30-11:00 *Break / Poster Discussion*

11:00-12:15 **Symposium – Sports Medicine: Managing Articular Cartilage Defects (Knee)**

Moderators: Stephen B. ABELOW (United States) & Francis Y.K. LAU (Hong Kong)

ARTICULAR CARTILAGE RESURFACING CLINICAL STRATEGIES IN 2008
Stephen B. ABELOW (United States)

AUTOLOGOUS OSTEOCHONDRAL TRANSPLANTS
Albert VAN KAMPEN (Netherlands)

LATEST DEVELOPMENT IN AUTOLOGOUS CHONDROCYTE TRANSPLANT
René VERDONK (Belgium)

STEM CELL THERAPY FOR TREATING CHONDRAL DEFECTS
Thomas VANGSNESS (United States)

SCIENTIFIC BASIS FOR CLINICAL TREATMENT OF MENISCAL PATHOLOGY
Thomas VANGSNESS (United States)

12:15-13:00 **Plenary Lecture – Joint**

Moderator: Peter K.Y. CHIU (Hong Kong)

JOINT REPLACEMENT
Peter HERBERTS (Sweden)

13:00-14:00 *Lunch*

14:00-15:30

Free Papers – Joint: Thromboprophylaxis / Osteotomies Around the Knee

Moderators: Rud LANSSEN (Denmark) & Tze Pui NG (Hong Kong)

- 16193 PREVALENCE OF THROMBOEMBOLIC EVENTS AFTER SURGICAL TREATMENT OF PROXIMAL HUMERUS FRACTURES**
Joseph ABBOUD, Rocco BASSORA (United States)
- 18755 A PHASE III STUDY OF EXTENDED THROMBOPROPHYLAXIS WITH ORAL RIVAROXABAN VERSUS SHORT-TERM SUBCUTANEOUS ENOXAPARIN AFTER TOTAL HIP REPLACEMENT: RECORD2**
Ajay K. KAKKAR¹, Benjamin BRENNER², Ola E. DAHL¹, Bengt I. ERIKSSON³, Patrick MOURET⁴, Tiemo J. BANDEL⁴, Andrea G. SOGLIAN⁴, Jim MUNTZ⁵, Sylvia HAAS⁴
¹(United Kingdom), ²(Israel), ³(Sweden), ⁴(Germany), ⁵(United States)
- 18756 A PHASE III STUDY OF RIVAROXABAN - AN ORAL, DIRECT FACTOR XA INHIBITOR - COMPARED WITH SUBCUTANEOUS ENOXAPARIN FOR THROMBOPROPHYLAXIS AFTER TOTAL HIP REPLACEMENT: RECORD1**
Bengt I. ERIKSSON¹, Lars C. BORRIS², Richard J. FRIEDMAN³, Sylvia HAAS⁴, Menno V. HUISMAN⁵, Ajay K. KAKKAR⁶, William GEERTS⁷, Tiemo J. BANDEL⁴, Eva MUEHLHOFER⁴, Frank MISSELWITZ⁴
¹(Sweden), ²(Denmark), ³(United States), ⁴(Germany), ⁵(Netherlands), ⁶(United Kingdom), ⁷(Canada)
- 18757 A PHASE III STUDY OF ONCE-DAILY RIVAROXABAN - AN ORAL, DIRECT FACTOR XA INHIBITOR - COMPARED WITH SUBCUTANEOUS ENOXAPARIN FOR THROMBOPROPHYLAXIS AFTER TOTAL KNEE REPLACEMENT: RECORD3**
Michael R. LASSEN¹, Walter AGENO², Tiemo J. BANDEL³, Lars C. BORRIS¹, Jay R. LIEBERMAN⁴, Frank MISSELWITZ³, Nadia ROSENCHER⁵, Alexander G.G. TURPIE⁶
¹(Denmark), ²(Italy), ³(Germany), ⁴(United States), ⁵(France), ⁶(Canada)
- 18758 A PHASE III STUDY COMPARING RIVAROXABAN - AN ORAL, DIRECT FACTOR XA INHIBITOR - WITH ENOXAPARIN FOR THROMBOPROPHYLAXIS AFTER TOTAL KNEE REPLACEMENT: RECORD4**
Alexander G.G. TURPIE¹, Kenneth A. BAUER², Bruce L. DAVIDSON³, Michael GENT¹, Louis M. KWONG⁴, Michael R. LASSEN⁵, Fred D. CUSHNER⁶, Paul A. LOTKE⁷, Tiemo J. BANDEL⁸, Frank MISSELWITZ⁸, William D. FISHER⁹
- 16173 INCIDENCE AND RISK FACTORS OF FIBULAR COMPLICATIONS AFTER CLOSE WEDGE TIBIAL VALGIZATION OSTEOTOMY (TVO)**
Mira RAMANOUDJAME (France)
- 16254 3 DIMENSIONAL FINITE ELEMENT MODELING OF RETROACETABULAR PATHOLOGY**
Jacob MUNRO, Vicki SHIM, Iain ANDERSON, Rocco PITTO (New Zealand)
- 16296 TAPPING TEST IN PATIENTS WITH PAINFUL BONE MARROW EDEMA OF THE KNEE**
Nicolas AIGNER, Roland MEIZER, Elisabeth MEIZER, Christian RADDI, Franz LANDSIEDL (Austria)
- 16581 SATISFACTION OF PATIENTS WHO UNDERWENT CONSECUTIVE HIGH TIBIAL OSTEOTOMY OPERATIONS FOR BOTH LIMBS, WITH DIFFERENT TECHNIQUES**
Kerem AYDIN, Sarper GURSU, Bilal DEMIR, Timur YILDIRIM, Vedat SAHIN (Turkey)
- 17251 INTRA-ARTICULAR/PERIARTICULAR CYSTIC LESIONS OF THE KNEE**
Mandeep DHILLON, Akshay GOEL, Sharad PRABHAKAR (India)
- 17253 AN INNOVATIVE FIXATOR-CUM-DISTRATOR/COMPRESSOR - ITS CLINICAL APPLICATIONS**
Zile Singh KUNDU (India)
- 17467 KNEE JOINT DEFORMITIES AND THEIR CORRECTION**
Vladimir SHEVTSOV, Natalia SAZONOVA (Russian Federation)
- 18246 ROCKING CLOSED-WEDGE HIGH TIBIAL OSTEOTOMY**
Alain DURANDEAU, Cédric BELIN, Sylvain DEMAÏLLY, Clément TOURNIER, Thierry FABRE (France)

08:00-09:00 **CTL – Joint: Total Hip Arthroplasty**

Moderators: (to be confirmed)

UPDATE ON BEARING SURFACES IN TOTAL HIP REPLACEMENT

William J. MALONEY (United States)

19110 IS DISTAL STEM FIXATION NECESSARY FOR SUCCESSFUL PERFORMANCE OF CEMENTLESS TOTAL HIP ARTHROPLASTIES?

Young-Hoo KIM (Korea)

09:00-10:30 **Free Papers – Joint: Infections**

Moderators: Syed AWAIS (Pakistan) & Wai Pan YAU (Hong Kong)

16383 COMPUTER NAVIGATED ARTICULATED CEMENT SPACERS (IGS PROSTALAC) FOR INFECTED TOTAL KNEE REPLACEMENT

Wai Pan YAU, K.Y. CHIU, Margaret FOK (Hong Kong)

16572 ARTHROSCOPIC LAVAGE FOR SUSPECTED SEPTIC ARTHRITIS OF KNEE JOINTS - ARE WE OVERDOING IT?

Dip CHAKRABARTI, Rajesh Gopichand KAKWANI (United Kingdom)

16792 THE IMPACT OF C. DIFFICILE INFECTION AFTER ELECTIVE PRIMARY HIP/KNEE ARTHROPLASTY

Kakwani RAJESHKUMAR, Dip CHAKRABARTI, Krishnaiah KATAM (United Kingdom)

17147 TOTAL HIP REPLACEMENT IN ACTIVE TUBERCULOSIS - A MYTH OR A REALITY

Devdatta NEOGI, Chandra Shekhar YADAV, Shah Alam KHAN (India)

17800 LONG-TERM RESULTS IN CASE OF INFECTION AFTER ALLOARTHROPLASTY OF THE HIP JOINT

Stefan A ESENWEIN, Klaus M. ROBERT, Friedrich KUTSCHA-LISSBERG, Philipp SINGER, Gert MUHR (Germany)

17879 THE DOSE OF ANTIBIOTICS IN CEMENT HAS POSITIVE EFFECTS ON TREATING INFECTED TKA

Hwa-Chang LIU, Wen-Chi TSAI, Tzil-Shang Thomas LIU, Shier-Chieh HWANG, Pokai TSENG (Taiwan)

17959 CEMENTLESS TOTAL HIP ARTHROPLASTY USING CONE PROSTHESIS FOR SEQUELAE OF CHILDHOOD HIP INFECTION

Taek-Rim YOON, Eun-Kyoo SONG, Sang-Jin PARK, Young-Jin KIM (Korea)

17972 CEMENTLESS TOTAL HIP ARTHROPLASTY IN FEMORAL HEAD NECROSIS IN RENAL TRANSPLANT RECIPIENTS

Taek-Rim YOON, Eun-Kyoo SONG, Sang-Jin PARK, Ki-Hyeoung KIM (Korea)

17995 ADVANCED ACTIVE TUBERCULOUS OF THE HIP TREATED WITH UNCEMENTED TOTAL HIP ARTHROPLASTY

Taek-Rim YOON, Azlina Amir ABBAS, Young-Jin KIM, Ki-Hyeoung KIM (Korea)

17997 TWO-STAGE RECONSTRUCTION OF INFECTED HIP JOINTS

Taek-Rim YOON, Sanket R. DIWANJI, Azlina Amir ABBAS, Ki-Hyeoung KIM (Korea)

18253 EFFECT OF PREOPERATIVE MRSA SCREENING ON DEEP PERIPROSTHETIC INFECTION

Murali Krishna SAYANA, Kayode ODUWOLE, Yudash CHETTY, Tom MCCARTHY, Darragh HYNES (Ireland)

18348 MRSA SURGICAL SITE INFECTION FOLLOWING PRIMARY TOTAL HIP ARTHROPLASTY: CLINICAL OUTCOMES AND MANAGEMENT CONSIDERATIONS

Raymond WALLS, Simon ROCHE, John MCCABE (Ireland)

10:30-11:00 *Break / Poster Discussion*

11:00-12:15 **Symposium – Joint: Complications**

Moderators: (to be confirmed)

EVALUATION AND MANAGEMENT OF THE UNSTABLE HIP REPLACEMENT

William J. MALONEY (United States)

MANAGEMENT OF FRACTURES AFTER THA: WHAT'S NEW?

Clive P. DUNCAN (Canada)

INFECTIONS IN HIP AND KNEE ARTHROPLASTY

Joachim LOEHR (Germany)

Discussion

12:15-13:00 **Plenary Lecture – Joint**

To be held in Theatre 1. Seats will also be available in Theatre 2, if necessary.

Moderator: Peter K.Y. CHIU (Hong Kong)

JOINT REPLACEMENT

Peter HERBERTS (Sweden)

13:00-14:00 *Lunch*

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

Moderators: Myung Chul YOO (Korea) & Hok Leung WONG (Hong Kong)

16279 SUBCUTANEOUS ADDUCTOR TENOTOMY, CHEILECTOMY, DRILLING AND TENSOR FASCIA LATA (TFL) MUSCLE PEDICLE BONE GRAFTING (MPBG) FOR ADVANCED STAGES OF OSTEONECROSIS OF FEMORAL HEADS - LONG-TERM RESULTS

Durgapada BAKSI, N.D. CHATTERJEE, Ananda Kisor PAL, Debadyuti BAKSI (India)

17515 RESULTS OF PERCUTANEOUS DRILLING AND ILIAC CANCELLOUS AUTOGRAFT FOR THE TREATMENT OF NON-TRAUMATIC OSTEONECROSIS OF THE FEMORAL HEAD: 66 CASES

Francois Loic PAUMIER, Jean-Michel LAFFOSSE, Philippe CHIRON, François MOLINIER, Jean PUGET (France)

17555 THE MECHANICAL STABILITY OF RESURFACING ARTHROPLASTY IN EXTENSIVE OSTEONECROSIS OF FEMORAL HEAD - BIOMECHANICAL STUDY

Yoon Je CHO (Korea)

17769 NEW TRENDS FOR THE TREATMENT OF A.V.N: FORAGE RECONSTRUCTION WITH AUTOGRAFTS, OSTEOINDUCTIVE FACTORS, ROD SUPPORT

Francesco Saverio SANTORI, Nicola SANTORI (Italy)

17862 RESULTS OF CORE DECOMPRESSION FOR IDIOPATHIC AND STEROID-INDUCED OSTEONECROSIS OF THE FEMORAL HEAD

Sokichi MANIWA, Hidetoshi YAMAGUCHI, Hideaki SANADA, Taku TADENUMA, Yuji UCHIO (Japan)

17947 DIABETIC OSTEOLYSIS - A REPORT ON TEN CASES WITH REVIEW OF LITERATURE

Thamer HAMDAN (Iraq)

17981 HEAD-PRESERVING OPERATION FOR POST-TRAUMATIC OSTEONECROSIS OF FEMORAL HEAD

Taek-Rim YOON, Eun-Kyoo SONG, Sang-Jin PARK, Azlina Amir ABBAS, Ki-Hyeong KIM (Korea)

17986 BILATERAL SIMULTANEOUS TWO-INCISION MI THR FOR AVASCULAR NECROSIS OF FEMORAL HEAD

Taek-Rim YOON, Eun-Kyoo SONG, Sang-Jin PARK, Sanket R. DIWANJI, Azlina Amir ABBAS (Korea)

18001 A MODIFIED TRANSTROCHANTERIC ROTATIONAL OSTEOTOMY FOR THE OSTEONECROSIS OF THE FEMORAL HEAD

Taek-Rim YOON, Eun-Kyoo SONG, Azlina Amir ABBAS, Young-Jin KIM, Ki-Hyeong KIM (Korea)

15:30-16:00 *Break / Poster Discussion*

16:00-17:30 **Symposium – Joint: Primary Total Hip Arthroplasty**

Moderators: (to be confirmed)

PERFORMING TOTAL HIP REPLACEMENT IN YOUNG AGE POPULATION

Laurent SEDEL (France)

THE ASIAN TOTAL HIP SYSTEM

David FANG (Hong Kong)

NECK PRESERVING TOTAL HIP REPLACEMENT

Francesco Saverio SANTORI (Italy)

19111 RESULTS OF TOTAL HIP ARTHROPLASTIES IN THE PATIENTS WITH HIGH DISLOCATION OF HIP AFTER CHILDHOOD PYOGENIC ARTHRITIS

Young-Hoo KIM (Korea)

THE CHALLENGE OF CONVERSION OF HIP FUSION TO THA

Clive P. DUNCAN (Canada)

Discussion

08:00-09:00 **CTL – Sports Medicine: Current Concepts on Knee Ligament Surgery**

Moderators: Francis Y.K. LAU (Hong Kong) & Wilson LI (Hong Kong)

DO WE SYSTEMATICALLY NEED TO RECONSTRUCT THE TORN ACL?

Philippe DELINCE (Belgium)

CURRENT CONCEPTS OF POSTEROLATERAL KNEE INJURY

René VERDONK (Belgium)

09:00-10:30 **Free Papers – Sports Medicine: Multiple Ligament Injuries / Ligament Reconstruction I**

Moderators: Tomas TRČ (Czech Republic) & Wilson LI (Hong Kong)

15999 THE INFLUENCE OF IL-1BETA ON THE BONE TUNNEL WIDENING AFTER ACL RECONSTRUCTION OF A KNEE JOINT

Nikica DARABOS¹, Miroslav HASPL¹, Carsten MOSER²

¹(Croatia), ²(Germany)

16633 KNEE INJURIES IN THE FLOATING KNEE

Ulfin RETHNAM¹, Rajam YESUPALAN¹, Rajagopalan NAIR²

¹(United Kingdom), ²(India)

16868 FIRST LINE ACL RECONSTRUCTION WITH QUADRICEPS TENDON

Noureddine BAHRI, Oliver James BISPING, Christian QUEITSCH, Christian JÜRGENS, Arndt-Peter SCHULTZ (Germany)

16946 ACL TO PCL IMPINGEMENT. A CADAVER STUDY TO EVALUATE POSSIBLE IMPINGMENT BETWEEN THE ACL AND PCL USING EXTENSION AND FLEXION MRI AND ARTHROSCOPIC EVALUATION

Michael HEXEL¹, Wei SHEN², Eric KROPF², Sheila INGHAM², Jenny GROSZ², Freddie FU²

¹(Austria), ²(United States)

17248 NEGLECTED EXTENSOR MECHANISM DEFECTS OF THE KNEE: RECONSTRUCTION BY LARS LIGAMENT

Mandeep DHILLON, Akshay GOEL, Devinder CHAUHAN (India)

15446 THE MODIFIED BOSWORTH TECHNIQUE FOR THE TREATMENT OF ACUTE TRAUMATIC ACHILLES TENDON RUPTURE

Nicolas EFSTATHOPOULOS, Dimitrios KORRES, Fragiskos XYPNITOS, Stergios LALLOS, Vassilios NIKOLAOU (Greece)

15448 AGREEMENT BETWEEN MRI AND CLINICAL EXAMINATION CAN PREVENT UNNECESSARY ARTHROSCOPY

Vassilios NIKOLAOU, Efsthios CHRONOPOULOS, Stergios LALLOS, Dimitrios KORRES, Nicolas EFSTATHOPOULOS (Greece)

15449 AXILLARY ARTERY AND BRACHIAL PLEXUS INJURY AFTER ANTERIOR SHOULDER DISLOCATION

Vassilios NIKOLAOU, Anastasia PILICHOU, Dimitrios STARAMOS, Dimitrios KORRES, Nicolas EFSTATHOPOULOS (Greece)

15677 AN EVIDENCE BASED REVIEW OF THE USE OF INJECTION THERAPY FOR TENDINOPATHIES OF THE SHOULDER AND ELBOW

Nemandra SANDIFORD, Timothy CROOK (United Kingdom)

15679 A REVIEW OF THE CURRENT PRACTICE OF MENISCAL ALLOGRAFT TRANSPLANTATION

Timothy B. CROOK, Nemandra A. SANDIFORD, Antonia ARDOLINO, Lucy A.P. WILLIAMS, Ian W. BARLOW (United Kingdom)

16606 REPLACEMENT OF THE CLAVICULAR LIGAMENTS

Sergey SERGEEV, Andrey NEVZOROV, Oleg GRISHANIN, Sergey SHCHETININ (Russian Federation)

10:30-11:00 *Break / Poster Discussion*

11:00-12:15 **World Health Organization – Global Initiatives on Essential Surgical Care**

Moderators: John C.Y. LEONG (Hong Kong) & Maurice HINSENKAMP (Belgium)

WHO GLOBAL INITIATIVE FOR EMERGENCY & ESSENTIAL SURGICAL CARE

Meena CHERYAN (Switzerland)

WHO GLOBAL INITIATIVE FOR HEALTH TECHNOLOGIES - SIMPLE INNOVATIVE MEDICAL DEVICES

Björn FAHLGREN (Switzerland)

SICOT/WHO/MSF PARTNERSHIP ON EDUCATION CENTRES, PRIORITY MEDICAL DEVICES AND EMERGENCY ESSENTIAL ORTHOPAEDIC CARE

Maurice HINSENKAMP (Belgium)

THE LAHORE SICOT/WHO EDUCATION CENTRE

Syed AWAIS (Pakistan)

THE SURGERY POLICY ON MSF

Martin DE SMET (Belgium)

Discussion

12:15-13:00 *Plenary Lecture in Theatre 1*

13:00-14:00 *Lunch*

14:00-15:30 **Free Papers – Sports Medicine: Anterior Cruciate Ligament Repair**

Moderators: Stephen B. ABELOW (United States) & Wilson LI (Hong Kong)

15732 MEASUREMENT OF THE ANTEROPOSTERIOR AND ROTATIONAL KNEE LAXITY BY A NAVIGATION SYSTEM

Jean-Yves JENNY, Eugen CIOBANU, Cyril BOERI, Yann DIESINGER (France)

15734 MEASURING THE POSITION OF THE ACL FOOTPRINT WITH A NAVIGATION SYSTEM. COMPARISON WITH X-RAY AND CT MEASUREMENTS

Jean-Yves JENNY, Eugen CIOBANU, Cyril BOERI, Yann DIESINGER (France)

16191 DIRECT RADIAL TUBEROSITY COMPRESSION TEST FOR DISTAL BICEPS TENDON PATHOLOGY IS SENSITIVE AND SPECIFIC

Joseph ABOUD (United States)

16288 SUEROLATERAL CONTRACTURE RELEASE AND PES-ANSERINUS TRANSPOSITION FOR HABITUAL DISLOCATIONS OF PATELLA IN FLEXION - LONG-TERM RESULTS

Debadyuti BAKSI, Durgapada BAKSI, N.D CHATTERJEE, Ananda Kisor PAL (India)

17223 ANATOMIC DOUBLE-BUNDLE ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION: SURGICAL TECHNIQUE

Hesham EL-KADY (Egypt)

17348 CHRONIC EXERTIONAL COMPARTMENT SYNDROME OF THE LEG IN YOUNG ATHLETES: OUR EXPERIENCE

Pierfilippo BOTTIGLIA AMICI-GROSSI, Paolo FERRUA, Marco OMETTI (Italy)

17373 REPAIR OF PROXIMAL END TEAR OF ANTERIOR CRUCIATE LIGAMENT

Umesh Chandra SARMA (India)

17459 THE EFFECT OF ACL RECONSTRUCTION ON HAMSTRING ANTAGONIST MOMENTS

Erik HOHMANN, Kay CROSSLEY, Laura BUCKLEY, Marc CREABY, Adam BRYANT (Australia)

17462 DOES MUSCLE STRENGTH INFLUENCE KNEE FUNCTIONALITY IN ACL DEFICIENT AND ACL RECONSTRUCTED PATIENTS?
Erik HOHMANN, Michelle TAY, Adam BRYANT (Australia)

18414 SHOULD POSTEROMEDIAL AND POSTEROLATERAL COMPARTMENT VISUALISATION BE A PART OF ROUTINE KNEE ARTHROSCOPY?
Vikas KHANDUJA, Zaher DANNAWI, Mustafa EL-ZEBDEH (United Kingdom)

15:30-16:00 *Break / Poster Discussion*

16:00-17:30 **Free Papers – Sports Medicine: Ligament Reconstruction II**

Moderators: Thomas VANGSNESS (United States) & Patrick YUNG (Hong Kong)

16129 IMMEDIATE POSTOPERATIVE PAIN RELIEF AFTER KNEE ARTHROSCOPY: INTRA-ARTICULAR BUPIVACAINE VS BUPIVACAINE AND MORPHINE COMBINATION. A RANDOMISED CONTROL STUDY
Vijay SHETTY (India)

17020 CELLULAR AND HISTOLOGICAL DIFFERENCES BETWEEN AM AND PL BUNDLES OF GOAT ACL
Ho LEE¹, Tomoyuki MATSUMOTO², Masahiro NOZAKI², Freddie H. FU²
¹(Korea), ²(United States)

17054 SURGICAL TREATMENT OF THE RECURRENT PERONEAL TENDONS LUXATION IN YOUNG ATHLETES: OUR EXPERIENCE
Pierfilippo BOTTIGLIA AMICI-GROSSI, Riccardo BENVENUTI, Andrea MONDINI, Giulia CARIMATI (Italy)

17378 RF FOR TREATMENT OF TENDINOSIS: 5-YEAR RESULTS
James TASTO, Renee HARDESTY, David AMIEL (United States)

18023 ACHILLES TENDON HEALING BY AUTOLOGOUS CONDITIONED SERUM
Martin MAJEWSKI, Peter OCHSNER (Switzerland)

18303 DEMOGRAPHICS AND PATTERN OF HORSE RIDING INJURIES
Deepu BHASKAR, Amit SINGLA, Debashish CHAKRAVARTI, Kieran SINGISETTI, Jonathan JONES, Gora PATHAK (United Kingdom)

18387 ANALGESIC EFFECT OF INTRA-ARTICULAR MAGNESIUM SULPHATE COMPARED WITH BUPIVACAINE AFTER KNEE ARTHROSCOPY
Yasser RADWAN, Atef ALFEKY, Mohamed FARAMAWY (Egypt)

18490 MRI EVALUATION OF BIOABSORBABLE IMPLANTS IN ACL RECONSTRUCTION
Amite PANKAJ (India)

08:00-09:00 **CTL – Trauma: Minimally Invasive Plate Osteosynthesis**

Moderators: Theerachai APIVATTHAKAKUL (Thailand) & Pei Yuan LEE (Taiwan)

19100 DEVELOPMENT OF MIPO

Theerachai APIVATTHAKAKUL (Thailand)

BIOLOGICAL FIXATION

Pei Yuan LEE (Taiwan)

19141 MIPO IN PEDIATRIC FRACTURES AND DEFORMITY CORRECTION

Chang-Wug OH (Korea)

09:00-10:30 **Symposium – Trauma: Minimally Invasive Plate Osteosynthesis**

Moderators: Theerachai APIVATTHAKAKUL (Thailand) & Chang-Wug OH (Korea)

19143 IS MIPO EVIDENCE BASED?

Chang-Wug OH (Korea)

INSTRUMENTS FOR REDUCTION

Jong-Keon OH (Korea)

19101 MIPO IN FEMUR

Theerachai APIVATTHAKAKUL (Thailand)

MIPO IN TIBIA

Pei Yuan LEE (Taiwan)

19102 MIPO IN HUMERUS

Theerachai APIVATTHAKAKUL (Thailand)

PITFALLS IN MIPO

Pei Yuan LEE (Taiwan)

Discussion

10:30-11:00 *Break / Poster Discussion*

11:00-12:15 **Free Papers – Trauma: Tibial Fractures I**

Moderators: Kandiah RAVEENDRAN (Malaysia) & Galal Zaki SAID (Egypt)

16026 THE ILIZAROV FRAME AND FIXATION OF DIFFICULT TIBIAL FRACTURES IN A DISTRICT GENERAL HOSPITAL

Andy ROCHE, Mike MCNICHOLAS (United Kingdom)

16467 APPRAISAL OF THE ROLE OF EXTERNAL SKELETAL FIXATION IN THE MANAGEMENT OF SEQUELAE OF OPEN TIBIAL FRACTURES

Mahmoud EL-ROSASY (Egypt)

16596 MANAGEMENT OF COMMINUTED FRACTURES OF LOWER EXTREMITY WITH MINIMALLY INVASIVE PLATE OSTEOSYNTHESIS

Pankaj PATNI, Abhijeet SHROFF, Vishal RAJPUT, Raghav KAMMA (India)

17712 THE EFFECT OF C.DIFFICILE INFECTION ON MORBIDITY AND MORTALITY FOLLOWING FRACTURE NECK OF FEMUR SURGERY

Kakwani RAJESHKUMAR, Dip CHAKRABARTI, Apurva SINHA, Gautam TAWARI (United Kingdom)

17822 MANAGEMENT OF JOINTS CLOSED AND OPEN FRACTURES USING TRANSARTICULAR OR EXTRAARTICULAR EXTERNAL FIXATION WITH OR WITHOUT MINIMAL INTERNAL FIXATION

Yasser ELBATRAWY, Mahmoud FAYED (Egypt)

18163 PERSISTANCE WITH RIGID INTERNAL FIXATION IN INFECTED COMPOUND COMMINUTED FRACTURE

Kumar Shantanu ANAND (India)

12:15-13:00 *Plenary Lecture in Theatre 1*

13:00-14:00 **Lunch Symposium – Link**

Lunch boxes will be served to attendees of the session.

LINK® GEMINI® SLTM LUNCH WORKSHOP

14:00-15:30 **Free Papers – Trauma: Tibial Fractures II**

Moderators: James WADDELL (Canada) & Chi Fat CHAN (Hong Kong)

15548 SURGICAL IMPLANT GENERATION NETWORK (SIGN) NAIL

Anthony OLASINDE, Kehinde OLUWADIYA (Nigeria)

15997 ANTERIOR KNEE PAIN AFTER TIBIAL INTRAMEDULLARY NAILING

Nikica DARABOS, Marijan CESAREC, Denis GRGUROVIC, Zeljko RUTIC (Croatia)

16061 MANAGEMENT OF TIBIAL PLATEAU FRACTURES TYPE II&III BY ELEVATION AND PERCUTANEOUS CANNULATED CANCELLOUS SCREW FIXATION

Veerappan VEERAAH (India)

16743 TREATMENT OF COMPLICATED FRACTURES OF LOWER EXTREMITY WITH THE ILIZAROV'S PROCEDURE

Chuan Mu CHEN (Taiwan)

17368 ACUTE MANAGEMENT OF OPEN FRACTURES: THE STAGES AT WHICH DELAY OCCURS

Roger WALTON, Vikas GUPTA, Mani RATHINAM, Andrew PHILLIPSON, James STEVENSON (United Kingdom)

17657 COMPOSITE CARE OF OPEN LOWER LIMB INJURIES INCLUDING SOFT TISSUE COVER BY ORTHOPAEDIC SURGEONS

P.R.J.V.C. BOOPALAN, Manasseh NITHYANANTH, V.T.K. TITUS, Vinoo Mathew CHERIAN, Thilak JEPEGNANAM (India)

17815 FIBULAR GRAFT VERSUS SEGMENT TRANSFER IN TREATMENT OF ACQUIRED INTERCALARY BONE DEFECT BY ILIZAROV EXTERNAL FIXATOR

Mahmoud FAYED, Yasser ELBATRAWY (Egypt)

17878 THE CHANGE OF LENGTH OF PATELLA TENDON AFTER REMOVAL OF INTRAMEDULLARY NAIL IN TIBIAL SHAFT FRACTURES

Jihoon CHANG, Dong-Eun SHIN (Korea)

17946 WOUND COMPLICATION OF MINIMALLY INVASIVE PLATE OSTEOSYNTHESIS IN DISTAL TIBIA FRACTURES

Chi Fat CHAN, T.W. LAU, K.L.F. LEUNG (Hong Kong)

18615 THE PROXIMALLY BASED SURAL ARTERY FLAP FOR COVERAGE OF SOFT TISSUE DEFECTS AROUND THE KNEE AND ON THE PROXIMAL AND MIDDLE LOWER LEGS

Sang-Jin CHEON, In-Bo KIM (Korea)

18645 OUTCOME OF REAMED INTRAMEDULLARY NAILING IN DISTAL TIBIAL FRACTURES

Devdatta NEOGI, Ashish JAIMAN, Vivek TRIKHA (India)

18713 MANAGEMENT OF DISTAL TIBIAL FRACTURES

Wajahat ASHRAF (India)

15:30-16:00 *Break / Poster Discussion*

16:00-17:30

Free Papers – Trauma: Osteoporotic Fractures and Trauma

Moderators: Galal Zaki SAID (Egypt) & Tak Wing LAU (Hong Kong)

- 15873 FLAPS DONE BY AN ORTHOPAEDIC SURGEON IN DEMANDING TRAUMA SITUATIONS**
Subbiah VENKATESH BABU (India)
- 15880 DO THE LONG TROCHANTERIC NAILS NEED A CHANGE OF THEIR ANTEROPOSTERIOR RADIUS OF CURVATURE?**
Armando PEINADO, Conrad BERTRÁN (Spain)
- 16270 MANAGEMENT OF DIAPHYSEAL DELAYED AND NON-UNION**
Galal Zaki SAID (Egypt)
- 16541 EFFECTS OF NUTRITIONAL STATUS ON WOUND HEALING AFTER HIP FRACTURE IN THE ELDERLY**
Jiong Jiong GUO, Huilin YANG (China)
- 16603 TREATMENT OF PELVIC DISRUPTION - TEMPORARILY EXTERNAL FIXATION WITH OR WITHOUT SACROILIAC SCREW**
Stefan CRISTEA, Noemi RADU, Andrei PRUNDEANU, Florin GROSEANU, Vlad PREDESCU, Tudor ATASIEI (Romania)
- 16709 SACROILIAC SCREW FIXATION IN PELVIC RING FRACTURES. RESULTS IN 39 PATIENTS**
Syah BAHARI, John MCELWAIN (Ireland)
- 16825 A PRELIMINARY REPORT OF MINIMALLY INVASIVE SURGICAL TECHNIQUE OF INTERNAL FIXATION (DHS) FOR TROCHANTERIC FRACTURES IN THE ELDERLY**
Amitava Narayan MUKHERJEE, Ananda Kisor PAUL (India)
- 16955 "THREAD STABLE" IMPLANT FAMILY FOR THE FIXATION OF OSTEOPOROTIC FRACTURES**
László VÁMHIDY, István NAUMOV, József NYÁRÁDY (Hungary)
- 17043 OSTEOPOROTIC PELVIC FRACTURES: DIAGNOSIS AND MANAGEMENT**
Tak Wing LAU, Frankie LEUNG (Hong Kong)
- 17237 ORIF OF SUBTROCHANTERIC FRACTURES BY PLATE OSTEOSYNTHESIS: COMPARISON OF TWO METHODS OF REDUCTION - ANATOMICAL REDUCTION AIMING FOR MEDIAL BUTRESS VS ANATOMICAL ALIGNMENT BY TRACTION**
Sujit KUMAR¹, Vinod KATHJU²
¹(United Kingdom), ²(India)
- 17338 THE INTRAOPERATIVE MEASUREMENT OF THE FEMUR HEAD CIRCULATION AT NECK FRACTURE**
József NYÁRÁDY, Gábor FARKAS, István NAUMOV, László VÁMHIDY, Andor SEBESTYÉN, Zoltán NYÁRÁDY, Ferenc TÓTH (Hungary)
- 17562 HANDLING A RETAINED MISSILE. 26-YEAR EXPERIENCE**
Thamer HAMDAN (Iraq)

08:00-09:00 **CTL – Tumours: Update in Bone Tumour Management**

Moderators: Wai Yip HO (Hong Kong) & Rainer KOTZ (Austria)

LONG TERM OUTCOME OF ENDOPROSTHETIC REPLACEMENT AFTER TUMOUR RESECTION
Rainer KOTZ (Austria)

19183 MANAGEMENT OF METASTATIC SPINAL TUMOURS - A COMMON SENSE APPROACH
Kenneth CHEUNG, Keith Dip-Kei LUK, John C.Y. LEONG (Hong Kong)

09:00-10:30 **Symposium & Free Papers – Basic Science: Cells Biology & Clinical Applications**

Moderators: Guang-Qian ZHOU (Hong Kong) & Stuart GOODMAN (United States)

BIOLOGICAL STRATEGIES TO RESTORE LOST BONE DUE TO PERIPROSTHETIC OSTEOLYSIS
Stuart GOODMAN (United States)

STEM CELL FOR DISC REGENERATION
Victor LEUNG (Hong Kong)

POSTOPERATIVE ENHANCEMENT OF BONE-TENDON INSERTION REPAIR
Ling QIN (Hong Kong)

16219 THE RELATIONSHIP BETWEEN THE IN VIVO MEASURED STIFFNESS AND THE HISTOLOGICAL STAGE OF DEGENERATION OF HUMAN KNEE ARTICULAR CARTILAGE
Imre SZERB, István PÁNIC, László HANGODY, Ibolya MIKÓ (Hungary)

15375 MENISCAL DEGENERATION FOLLOWING ANTERIOR CRUCIATE LIGAMENT TEAR AND THE ROLE OF INTRA-ARTICULAR INJECTION OF SODIUM HYALURONATE. HISTOCHEMICAL AND ELECTRON MICROSCOPIC STUDY IN THE RABBIT KNEE
Tarek ALY (Egypt)

18121 EVALUATION OF IMMORTALIZED HUMAN MESENCHYMAL STEM CELLS AT DIFFERENT POPULATION DOUBLINGS LEVELS
Emilie GLAVIND, Lea BJERRE, Michael BENDTSEN, Cody BÜNGER (Denmark)

16652 HSP90BETA AND P130CAS: NOVEL REGULATORY FACTORS OF MMP-13 EXPRESSION IN HUMAN OSTEOARTHRITIC CHONDROCYTES
Zhiyong FAN, Johanne MARTEL-PELLETIER (Canada)

16506 EFFECTS OF CDX I, A NATURAL HERBAL AGENT, ON PROLIFERATION AND OSTEOGENIC DIFFERENTIATION OF HMSC-TERT CELLS
Muwan CHEN¹, Xuenong ZOU², Lijin ZOU¹, Wenzhou FENG², Anette BAATRUP¹, Chungui CHEN², Haisheng LI¹, Moustapha KASSEM¹, Hui CAO², Cody BÜNGER¹
¹(Denmark), ²(China)

10:30-11:00 *Break / Poster Discussion*

11:00-12:15 **Free Papers – Basic Science: Cells & Tissue Engineering**

Moderators: Haisheng LI (Denmark) & William LU (Hong Kong)

16513 HIGH DOSE VITAMIN C SUPPLEMENTATION ACCELERATES THE ACHILLES TENDON HEALING IN HEALTHY RATS
Suna OMEROGLU, Tuncay PEKER, Nurten TURKOZKAN, Hakan OMEROGLU (Turkey)

16687 SPONTANEOUS TRANSFORMATION OF CULTURED PORCINE BONE MARROW STROMAL CELLS
Lijin ZOU, Xuenong ZOU, Ying HE, Haisheng LI, Weimin QIU, Linda HARKNESS, Moustapha KASSEM, Cody BÜNGER (Denmark)

17069 INCREASED GENE EXPRESSION OF CHONDROMODULIN I AND ELK 1 IN HUMAN ARTHROTIC CARTILAGE CELLS AFTER TREATMENT WITH 5-AZA-DEOXY-CYTIDINE
Gerald GRUBER, Florentine FUERST, Heimo CLAR, Martin STRADNER, Norbert KASTNER, Hannes ANGERER, Winfried GRANINGER, Reinhard WINDHAGER (Austria)

17215 EFFECTS OF COMMONLY USED EPIDURAL MEDICATIONS ON A HUMAN FIBROBLAST CELL CULTURE
Christof BIRKENMAIER, Susanne WAGNER, Julia REDEKER, Birte SIEVERS, Volkmar JANSSON (Germany)

17905 FATTY ACID FUNCTIONALIZATION STRONTIUM HYDROXYAPATITE NANOROD AND APPLICATION
Raymond Wing Moon LAM, Chi Tak WONG, Zhao Yang LI, Wai Kin CHAN, Keith Dip-Kei LUK, William Weijia LU (Hong Kong)

18333 INFLUENCE OF RESVERATROL ON SYNOVIOCYTES OF OSTEOARTHRITIS (OA) AND RHEUMATOID ARTHRITIS (RA) PATIENTS
Mathias GLEHR, Florentine FUERST, Birgit LOHBERGER, Sonja WALZER, Gerald GRUBER, Winfried GRANINGER, Reinhard WINDHAGER (Austria)

18915 NANO BIPHASIC CERAMIC ARTIFICIAL BONE'S OSTEOCONDUCTIVITY AND DEGRADABILITY
Jian-de XIAO, Wei HE (China)

12:15-13:00 *Plenary Lecture in Theatre 1*

13:00-14:00 **Lunch Symposium – Smith & Nephew**
Lunch boxes will be served to attendees of the session.

KLEOS SYMPOSIUM: PROVEN INNOVATION IN HIP SURGERY

14:00-15:30 **Free Papers – Basic Science: Osteonecrosis & Reconstruction**

Moderators: Joachim LOEHR (Germany) & Kelvin YEUNG (Hong Kong)

15619 A CLINICAL SIGN TO DIFFERENTIATE BETWEEN POSTERIOR INTEROSSEOUS NERVE AND SUPERFICIAL EXTENSOR MUSCLE INJURY IN PROXIMAL FOREARM LACERATIONS
Chandrabose REX, P.M. SURESH KUMAR (India)

15833 ELEVATED LEVELS OF NUMEROUS CYTOKINES IN DRAINAGE FLUID AFTER PRIMARY TOTAL HIP ARTHROPLASTY
Huub VAN DER HEIDE, Peter VAN DER KRAAN, Willard RIJNBERG, Pieter BUMA, B. Willem SCHREURS (Netherlands)

17943 AN INJECTABLE CALCIUM SULFATE – STRONTIUM CONTAINING HYDROXYAPATITE BONE FILLER AS ALTERNATIVE IN RESTORATION OF BONE DEFECTS
Chi Tak WONG (Hong Kong)

18193 CORE DECOMPRESSION + GROWTH FACTORS IN THE TREATMENT OF THE OSTEONECROSIS OF THE FEMORAL HEAD
Jolanda Maria TAGLIORETTI (Italy)

18442 FUNCTIONAL PERFUSION MRI PREDICTS STEROID-ASSOCIATED OSTEONECROSIS: AN EXPERIMENT STUDY IN RABBITS
Hui SHENG, Ge ZHANG, Yixiang WANG, David K.W. YEUNG, James F. GRIFFITH, Kwoksui LEUNG, Xinhui XIE, Ling QIN (Hong Kong)

18450 EPIMEDIUM-DERIVED FLAVONOIDS DOSE-DEPENDENTLY INHIBIT BOTH THROMBOSIS AND LIPID-DEPOSITION FOR REDUCING INCIDENCE OF STEROID-ASSOCIATED OSTEONECROSIS NOT VIA THEIR DIRECT ACTION ON TARGETS
Ge ZHANG, Ling QIN, Hui SHENG, Xinluan WANG, K.S. LEUNG (Hong Kong)

15:30-16:00 *Break / Poster Discussion*

16:00-17:30

Free Papers – Basic Science: Bone Healing & Reconstruction

Moderators: Björn RYDEVIK (Sweden) & Kelvin YEUNG (Hong Kong)

16632 AUDIT OF USE OF BLOOD TRANSFUSION IN PRIMARY, ELECTIVE, UNILATERAL TOTAL HIP REPLACEMENT

Sahu AJAY, Nanjundappa HARSHAVARDHANA, Simon MARET, Anubhav DHIR, Maninder SINGH (United Kingdom)

16732 INCIDENCE OF MUSCULOSKELETAL DISORDER IN COMPUTER USERS AND ITS ERGONOMIC IMPLICATIONS

Lalit MAINI, E. Debaraju REDDY (India)

17044 FORMATION OF CAPO4 AND SUPPRESSION OF NI LEACHING IN NITINOL USING OXYGEN AND SODIUM PLASMA IMMERSION ION IMPLANTATION

Kelvin YEUNG, Y.L. CHAN, William LU, Keith LUK, Danny CHAN, S.L. WU, X.M. LIU, C.L. CHU, C.Y. CHUNG, Paul CHU, Kenneth CHEUNG (Hong Kong)

17081 NON-STEROIDAL ANTI-INFLAMMATORY DRUGS (NSAIDS), FRIEND OR FOE TO THE ELECTIVE ORTHOPAEDIC PATIENT?

Aniruddha MITRA, Simon RAJENDRAN, David MULCAHY, Kieran BARRY (Ireland)

17538 ESTIMATION OF MUSCLE FATIGUE DEGREE USING TIME-VARYING AUTOREGRESSIVE

Hongtao LIU, Yong HU (Hong Kong)

17541 FAST EXTRACTION OF SOMATOSENSORY EVOKED POTENTIAL BASED ON SECOND ORDER BLIND IDENTIFICATION

Hongtao LIU, Yong HU (Hong Kong)

18518 ENHANCED OSTEOINTEGRATION OF THE GRADIENT COATING COMPOSED OF BIOACTIVE GLASS AND HYDROXYAPATITE IN RABBITS

Xinhui XIE¹, Ting-ting TANG², Shaoxian ZENG², Ruilin DU², Ge ZHANG¹, Ling QIN¹
¹(Hong Kong), ²(China)

08:00-09:00 **CTL – Hand & Wrist**

Moderator: Yuk Yin CHOW (Hong Kong)

CURRENT DEVELOPMENT OF ARTHRITIC SURGERY FOR THE WRIST

Andrew CHIN (Singapore)

MANAGEMENT APPROACH FOR CHRONIC RADIAL WRIST PAIN

P.C. HO (Hong Kong)

09:00-10:30 **Free Papers – Spine: Spinal Stenosis**

Moderators: Wahab YINUSA (Nigeria) & Wai Hung LIE (Hong Kong)

15366 EVIDENCE BASED REVIEW OF BACK PAIN IN ELITE SPORTSMEN AND WOMEN AS A RESULT OF DISC DEGENERATION, SEEN WITH MAGNETIC RESONANCE IMAGING
Chindu KABIR, Nemendra SANDIFORD, Ritesh SHARMA (United Kingdom)

16364 LONG-TERM OUTCOMES OF THE REVISION OPEN LUMBAR DISCECTOMY BY FENESTRATION
Jiong Jiong GUO, Huilin YANG (China)

16388 POSITRON EMISSION TOMOGRAPHY FOR MONITORING INTERBODY FUSION WITH EQUINE BONE PROTEIN EXTRACT, RHBMP-2 AND AUTOGRAFT
Casper FOLDAGER, Michael BENDTSEN, Xuenong ZOU, Lijin ZOU, Aage Kristian OLSEN, Ole Lajord MUNK, Cody BÜNGER (Denmark)

17007 LUMBAR SPINAL STENOSIS: BASELINE CHARACTERISTICS, SURGICAL MEASURES, AND OUTCOMES IN THE SPINE TANGO REGISTRY
Markus MELLOH¹, Thomas ZWEIG², Emin AGHAYEV², Lukas STAUB², Thomas BARZ³, Peter RIEGER³, Jean-Claude THEIS¹, Christoph ROEDER²
¹(New Zealand), ²(Switzerland), ³(Germany)

17042 YELLOW LIGAMENT FLOATING METHOD FOR LUMBAR SPINAL CANAL STENOSIS: A LESS INVASIVE TECHNIQUE TO NERVE TISSUE
Takashi YAMAZAKI, Motoaki MURAKAMI, Koh MATSUDAIRA (Japan)

17612 CIRCUMSPINAL DECOMPRESSION WITH DEKYPHOSIS STABILIZATION FOR THORACIC MYELOPATHY DUE TO OSSIFICATION OF POSTERIOR LONGITUDINAL LIGAMENT
Norio KAWAHARA, Katsuro TOMITA, Hideki MURAKAMI, Satoru DEMURA, Tadaki OKAYAMA (Japan)

17980 THE INTERSPINOUS LOCKER FIXATION FOR LUMBAR STENOSIS IN ELDERLY PATIENTS
Sang-Ho LEE, Dong-Yeob LEE (Korea)

18161 SOLE PAIN CAUSED BY L5/S EXTRAFORAMINAL STENOSIS SUCCESSFULLY TREATED BY MICROENDOSCOPIC SURGERY
Motohide SHIBAYAMA, Saori NAGAO, Jun MIZUTANI, Takanobu OTSUKA (Japan)

18651 TRANSFACETAL SCREW FIXATION AND FUSION IN DEGENERATIVE SPONDYLOLISTHESIS: A PROSPECTIVE STUDY OF 22 CASES
Ashok GAVASKAR, Rajamani ACHIMUTHU (India)

18766 INTRADISCAL ELEKTROTHERMAL THERAPY - A PROSPECTIVE CLINICAL TRIAL IN PATIENTS WITH CHRONIC DISCOGENIC PAIN SYNDROME
Andreas VEIHELMANN, C. BIRKENMAIER (Germany)

10:30-11:00 *Break / Poster Discussion*

11:00-12:15 **Free Papers – Spine: Degenerative Spine**

Moderators: Galal Zaki SAID (Egypt) & Ying Kei CHAN (Hong Kong)

15890 INTERSPINOUS LUMBAR EPIDURAL STEROID INJECTION IN LOW BACKACHE WITH

RADICULOPATHY WITHOUT FLUOROSCOPIC GUIDANCE

Premananda DAS, Ranjit Kumar BARUAH (India)

16023 CLINICAL OUTCOME OF SPINE STABILISATION USING SEMI-RIGID (DYNESYS) SYSTEM IN DEGENERATIVE LUMBAR SPINE DISORDERS - STUDY OF 25 CASES

Manish DESAI, Ganesh NATARAJAN, K.P. MURALIKUTTAN (United Kingdom)

17131 CLINICAL OUTCOME AFTER SEGMENTAL WIRE FIXATION AND BONE GRAFTING FOR REPAIR OF THE DEFECTS IN LUMBAR SPONDYLOLYSIS

Hiroyasu OGAWA, Katsuji SHIMIZU, Satoshi NOZAWA, Hideo HOSOE, Kei MIYAMOTO, Kenichiro TANAKA (Japan)

18028 CORRELATION BETWEEN CLINICAL FEATURES AND PATHOANATOMICAL CHANGES SEEN IN MR IN LUMBAR DISC PROLAPSE

Janardhana AITHALA, K.V. RAJGOPAL (India)

18054 CAUDA EQUINA SYNDROME - A REPORT ON 39 CASES WITH REVIEW OF LITERATURE

Thamer HAMDAN (Iraq)

18149 THE 6-MINUTE WALK TEST: A NEW SIMPLE RELIABLE STANDARD FOR SCREENING AND PROGRESS MONITORING OF SPINAL CLAUDICATION: A PROSPECTIVE STUDY OF 245 PATIENTS

Ying Kei CHAN (China)

18167 VOLUME DETERMINATION OF THE ANTERIOR LATERAL EPIDURAL SPACE L5/S1 USING HUMAN SPINE CADAVERS AND IN VIVO DIRECT MEASUREMENTS UNDER ALLOWANCE OF INJECTION TECHNIQUES IN SPINE ROOT COMPRESSION SYNDROMES

Wolfram TESKE, Jan NOTTENKAEMPER, Juergen KRAEMER, Heinrich KLEINERT, Theodoros THEODORIDIS, Roland WILLBURGER, Stefan ESENWEIN, Frank RUBENTHALER (Germany)

18449 "SKIPPED" LEVEL DISC DEGENERATION OF THE LUMBAR SPINE: PREVALENCE AND ASSOCIATED RISK FACTORS

Dino SAMARTZIS¹, Jaro KARPPINEN², Florence MOK³, Daniel Y.T. FONG³, Keith D.K. LUK³, Kenneth M.C. CHEUNG³

¹(United States), ²(Finland), ³(Hong Kong)

18635 DEGENERATIVE LUMBAR SPINAL STENOSIS - RESULTS OF EXPANSIVE LAMINOPLASTY

S.S. SANGWAN (India)

18879 A CONTROL STUDY ON SELF-LOCKING POLYETHERETHERKETONE (PEEK) CAGE AND AUTOGENOUS ILIAC CREST GRAFT IN THE TREATMENT OF CERVICAL DEGENERATIVE DISEASES

Jian DONG, Xilei LI, Taolin FANG, Qing XIA (China)

12:15-13:00 **Plenary Lecture in Theatre 1**

13:00-14:00 **Lunch**

14:00-15:30 **Free Papers – Spine: Tumours & Infection**

Moderators: Abdullah AL-OTHMAN (Saudi Arabia) & Yat Wa WONG (Hong Kong)

16528 SINGLE STAGE POSTERIOR ALONE GLOBAL INSTRUMENTED FUSION SURGERY WITH LOCAL BONE GRAFTS IN THE TREATMENT OF INSTABILITY OR DEFORMITY FOLLOWING SPINAL TUBERCULOSIS - REPORT ON INITIAL SIXTEEN CASES

S. VIDYADHARA, James GNANADOSS (India)

17008 GRADING OF NEURAL DEFICIT IN PARAPLEGIA WITH TB SPINE

Anil JAIN, Skand SINHA (India)

17075 ALGORITHM OF DIAGNOSTICS, BIOPSY AND SURGICAL TECHNOLOGY UNDER SPINE TUMOURS

Ludmila PASHKEVICH, Andrey BABKIN, Natalia GOLUTVINA (Belarus)

- 17117 SURGICAL SITE INFECTION IN SPINAL METASTASIS - RISK FACTOR AND COUNTERMEASURE**
Satoru DEMURA, Norio KAWAHARA, Hideki MURAKAMI, Katsuro TOMITA (Japan)
- 17247 LANGERHANS' CELL HISTIOCYTOSIS OF THE SPINE IN CHILDREN WITH SOFT TISSUE EXTENSION AND CHEMOTHERAPY**
Xin Sheng PENG (China)
- 17469 INSTRUMENTED STABILIZATION IN TB SPINE**
Anil JAIN, Puneet MISHRA, Ish Kumar DHAMMI, Bhagwat Prasad BHAGWAT (India)
- 17561 SURVIVAL AND COMPLICATIONS FOR ELDERLY PATIENTS WITH SPINAL METASTASES TREATED ACCORDING TO OUR SURGICAL STRATEGY**
Hideki MURAKAMI, Katsuro TOMITA, Norio KAWAHARA, Satoru DEMURA (Japan)
- 18342 RETROSPECTIVE ANALYSIS OF VERTEBRA TUBERCULOSIS WITHOUT SIGNIFICANT KIFOSIS THAT WE OPERATED BETWEEN 1985 AND 2005**
Temel TACAL, Mehmet Nurullah ERMİS, Hüseyin Emre AKDENİZ, Umit TUHANIOĞLU, Hasan DOGRULOĞLU (Turkey)
- 18411 EFFECTS ON SPINAL CORD BLOOD FLOW AND NEUROLOGIC FUNCTION SECONDARY TO INTERRUPTION OF BILATERAL SEGMENTAL ARTERIES WHICH SUPPLY THE ARTERY OF ADAMKIEWICZ: AN EXPERIMENTAL STUDY USING A DOG MODEL**
Satoshi KATO, Norio KAWAHARA, Hideki MURAKAMI, Satoru DEMURA, Yoshiyasu FUJIMAKI, Katsuro TOMITA (Japan)
- 18436 THE EFFECT OF PREOPERATIVE EMBOLIZATION OF THE BILATERAL SEGMENTAL ARTERIES AT THREE LEVELS ON INTRAOPERATIVE BLOOD LOSS IN TOTAL EN BLOC SPONDYLECTOMY FOR THORACIC SPINAL TUMOURS**
Norio KAWAHARA, Katsuro TOMITA, Hideki MURAKAMI, Satoru DEMURA, Osamu MATSUI, Junichiro SANADA (Japan)
- 18700 ANTIBIOTIC LOADED ALLOGRAFT LOWERS DEEP WOUND INFECTION RATE IN CP SPINE FUSION**
Freeman MILLER, Battugs BORKHUU, Andrzej BOROWSKI, Kirk DABNEY, Suken SHAH (United States)
- 18969 SURVIVAL AND NEUROLOGICAL IMPROVEMENT AFTER SURGICAL INTERVENTION IN PATIENTS WITH EXTRADURAL OSSEOUS SPINAL METASTASES**
Katrín SCHÄTTIGER, Kristian HØY, Ebbe Stender HANSEN, Bent NIEDERMANN, Haisheng LI, Thomas ANDERSEN, Cody BÜNGER, Peter HELMIG (Denmark)

Session 1: Adult Idiopathic Scoliosis

19167 ADULT SCOLIOSIS: CLASSIFICATION AND NATURAL HISTORY AND SELECTION OF FUSION LEVELS

Oheneba BOACHIE-ADJEI (United States)

17609 OPERATIVE TREATMENT OF HIGH-GRADE SPONDYLOLISTHESIS IN CHILDREN

Gilbert CHAN, David SPIEGEL, John DORMANS, Kristen D'ANDREA (United States)

PANEL CASE DISCUSSION

Moderator: Oheneba BOACHIE-ADJEI (United States)

Session 2: Adult Degenerative Scoliosis

OVERVIEW: ETIOLOGY, PATHOGENESIS; PATIENT EVALUATION; SURGICAL TREATMENT OPTION; ROLE OF MIS (XLIF ETC.)

Cody BÜNGER (Denmark)

17041 SURGICAL TREATMENT OF VARIOUS FORMS OF SCOLIOSIS BY THE LAMELLAR ENDOCORRECTOR «LSZ»

Nikolai ZAGORODNIY, Aleksandr LAKA, Muhamad SAMPIEV, Medet ABAKIROV (Russian Federation)

PANEL CASE DISCUSSION

Moderator: Cody BÜNGER (Denmark)

Session 3: Adult Scoliosis

19170 ADULT SCOLIOSIS: INDICATIONS FOR SACRAL PELVIC FIXATION AND THE ROLE OF FUSIONS TO L5

Oheneba BOACHIE-ADJEI (United States)

17729 THE ROLE OF POSTERIOR SPINAL FUSION IN HEALED POST-TUBERCULAR KYPHOSIS IN CHILDREN

Vikas TRIVEDI (India)

PANEL CASE DISCUSSION

Moderator: Shanmuganathan RAJASEKARAN (India)

Session 4: Post Surgical Sagittal Imbalance

19189 OVERVIEW: ETIOLOGY AND CLASSIFICATION; CLINICAL PRESENTATION; SURGICAL PLANNING AND TECHNIQUES OF OSTEOTOMIES

Kamal IBRAHIM (United States)

18346 PEDICLE SUBTRACTION OSTEOTOMIES FOR SAGITTAL IMBALANCE

Mohammad SHARKAWI, Esam EL-SHERIF (Egypt)

PANEL CASE DISCUSSION

Moderator: Keith LUK (Hong Kong)

Session 5: Complications of Adult Scoliosis

19168 COMPLICATIONS OF ADULT SCOLIOSIS SURGERY: HOW TO AVOID AND MANAGE THEM

Oheneba BOACHIE-ADJEI (United States)

15496 ACCURACY OF DETECTING PEDICLE SCREW LOOSENING USING PLAIN X-RAY

Fras DAKHIL-JEREW, John SHEPPERD (United Kingdom)

PANEL CASE DISCUSSION

Moderator: Kenneth CHEUNG (Hong Kong)

Session 6: Post Traumatic Adult Deformity Surgical Techniques

19212 OVERVIEW

Shanmuganathan RAJASEKARAN (India)

17005 KYPHOSIS CORRECTION IN SPINAL TUBERCULOSIS

Anil JAIN, Ish DHAMMI (India)

PANEL CASE DISCUSSION

Moderator: Keith LUK (Hong Kong)

12:15-13:00 **Plenary Lecture in Theatre 1**

13:00-14:00 **Lunch Symposium – Synthes**

Lunch boxes will be served to attendees of the session.

CURRENT ADVANCES IN MINIMAL INVASIVE SPINE SURGERY

Bryan ASHMAN (Australia), Jeff WANG (United States)

14:00-15:30 **AOSpine: Current Controversies in the Treatment of Spinal Disorders**

Moderators: Jeff WANG (United States) & Bryan ASHMAN (Australia)

CASE PRESENTATION: LUMBAR DEGENERATIVE DISEASE

Bryan ASHMAN (Australia)

19153 THE EVIDENCE FOR LUMBAR FUSION FOR DEG DISK DISEASE

Yat Wa WONG (Hong Kong)

THE EVIDENCE FOR LUMBAR ARTHROPLASTY FOR DEG DISK DISEASE

Jeff WANG (United States)

DISCUSSION WITH MULTIPLE CASES OF DDD LUMBAR SPINE

Bryan ASHMAN (Australia)

CASE PRESENTATION: GRADE I DEGENERATIVE SPONDYLOLISTHESIS WITH STENOSIS

Jeff WANG (United States)

19158 THE EVIDENCE FOR STANDARD DECOMPRESSION AND FUSION

Manabu ITO (Japan)

THE EVIDENCE FOR MINIMALLY INVASIVE DECOMPRESSION

Ying Kei CHAN (Hong Kong)

15:30-16:00 **Break / Poster Discussion**

16:00-17:30 **AOSpine: Current Controversies in the Treatment of Spinal Disorders**

Moderators: Jeff WANG (United States) & Bryan ASHMAN (Australia)

19266 THE EVIDENCE FOR INTERSPINOUS SPACERS (IS) FOR GRADE 1 DEGENERATIVE SPONDYLOLISTHESIS WITH STENOSIS (DSS)

Ahmet ALANAY (Turkey)

THE EVIDENCE FOR DECOMPRESSION AND PEDICLE BASED MOTION SPARING DEVICES

Ying Kei CHAN (Hong Kong)

DISCUSSION WITH MULTIPLE CASE PRESENTATIONS

Jeff WANG (United States)

CASE PRESENTATION: LUMBAR FUSION

Ahmet ALANAY (Turkey)

THE ARGUMENT FOR AUTOGENOUS ILIAC CREST BONE GRAFT FOR SPINAL FUSION

Bryan ASHMAN (Australia)

19156 THE ARGUMENT FOR GROWTH FACTORS FOR SPINAL FUSION
Jeff WANG (United States)

DISCUSSION WITH CASE SCENARIOS WITH BONE GRAFT OPTIONS
Ahmet ALANAY (Turkey)

09:00-10:30 **Free Papers – Shoulder & Elbow: Fractures & Lesions of the Shoulder & Humerus**

Moderators: Pierre HOFFMEYER (Switzerland) & Zhou XIANG (China)

15676 CORRECTION OF POST-TRAUMATIC CUBITUS VARUS BY DOME OSTEOTOMY: A CLINICAL OUTCOME STUDY

Amite PANKAJ, Rajesh MALHOTRA, Surya BHAN (India)

16268 SURGICAL TREATMENT OF COMMINUTED FRACTURES OF THE GLENOID OF THE SHOULDER

Gershon VOLPIN¹, Genadi KIRSHNER¹, Victor KAMILOVSKI², Slobodan VOCHCOV², Jordan SAVESKI²
¹(Israel), ²(Macedonia)

16277 THE ANAESTHETIC BURN

Hesham AL-KHATEEB, Tim PECKHAM (United Kingdom)

16650 FUNCTIONAL OUTCOME AND IMAGING IN GREATER TUBerosITY FRACTURES OF THE SHOULDER

Simon JOHNSON, Paul JENKINS, John DAVEY, Nicholas OHLY, Kash KHAN, Martin MITCHELL, Michael ROBINSON (United Kingdom)

16713 NAILING OR PLATING IN HUMERUS SHAFT FRACTURES. A SURGICAL DILEMMA

Kiran Kumar SINGISETTI (United Kingdom)

16890 ARTHROSCOPIC FINDINGS IN SHOULDER AFTER TRAUMATIC DISLOCATION

Ivica MEDENICA, Stasa MUNITLAK, Milan LUKOVIC (Serbia)

17837 NEW TECHNIQUE OF SECURE REDUCTION AND FIXATION OF ACJ DISLOCATION

Yasser ELBATRAWY, Mahmoud FAYED (Egypt)

18101 DISPLACED THREE PART PROXIMAL HUMERAL FRACTURES TREATED BY RETROGRADE HALDER HUMERAL NAIL

Jim NEWMAN, Prajwal DAS, J.A. CHAPMAN, S.C. HALDER (United Kingdom)

18134 TREATMENT OF NONUNION OF THE HUMERAL SHAFT - COMPARISON OF LOCKED AND UNLOCKED IMPLANTS

Noureddine BAHRI, Christian QUEITSCH, Martin WURM, Klaus SEIDE, Christian JUERGENS (Germany)

18319 ANGULAR STABLE FIXATION OF PROXIMAL HUMERAL FRACTURES

Gerhild THALHAMMER, Patrick PLATZER, Gerhard OBERLEITNER, Manfred GREITBAUER, Christian FIALKA, Vilmos VÉCSEI (Austria)

10:30-11:00 *Break / Poster Discussion*

11:00-12:15 **Free Papers – Shoulder & Elbow: Elbow Fractures in the Child**

Moderators: Thami BENZAKOUR (Morocco) & Wai Yip HO (Hong Kong)

16420 RESULTS OF OPEN REDUCTION AND INTERNAL FIXATION OF FRACTURE CLAVICLE WITH RECONSTRUCTION PLATE

Osama FARAG (Saudi Arabia)

17667 A STUDY OF FUNCTIONAL OUTCOME OF TREATMENT OF GARTLAND'S TYPE III SUPRACONDYLAR FRACTURE OF HUMERUS IN CHILDREN WITH CLOSED REDUCTION AND CROSSED KIRSCHNER WIRES FIXATION

Pradeep REDDY, Raghav Sunil KAMMA, Ashish SINGH, Sharukh DOTIVALA (India)

17902 EARLY RECOVERY IN FRACTURE CLAVICLE WITH ASSOCIATED FRACTURE

Sanjib Kumar BEHERA, Raghu Babu MEKA, L. AMAR CHOUDARY (India)

18690 FRACTURE OF THE HUMERAL SHAFT AND ASSOCIATED WITH IPSILATERAL FRACTURE

DISLOCATION OF THE SHOULDER

Selahattin OZYUREK, Feridun CILLI, Mahir MAHIROGULLARI, Ahmet KIRAL, Bahadyr SEYHAN (Turkey)

12:15-13:00 **Plenary Lecture in Theatre 1**

13:00-14:00 *Lunch*

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

Moderators: Alexander BELETSKY (Belarus) & Wai Hung LIE (Hong Kong)

15956 SUBACROMIAL IMPINGEMENT SYNDROM-RESULTS AFTER BURSECTOMY AND ACROMIOPLASTY

Adrian Radu RADULESCU, Adrian Emilian BADILA, Octavian NUTIU, Cristian NITA, Robert MANOLESCU (Romania)

16237 POSTOPERATIVE PAIN IN ARTHROSCOPIC SUBACROMIAL DECOMPRESSION. THE USE OF BIPOLAR VS MONOPOLAR RADIOFREQUENCY

Mohammed DIAB, Antonella ARDOLINO (United Kingdom)

16256 IS THERE STILL A PLACE TODAY FOR NEER'S CAPSULAR SHIFT REPAIR IN ATHLETES WITH RECURRENT ANTERIOR SHOULDER DISLOCATION?

Gershon VOLPIN, Leonid LICHTENSTEIN, Alexander KAUSHANSKI, Haim SHTARKER (Israel)

16285 THIRD GENERATION BAKSI SLOPPY HINGE ELBOW ARTHROPLASTY - MID-TERM RESULTS

Debadityuti BAKSI, Durgapada BAKSI, Ananda Kisor PAL (India)

17211 MANAGEMENT OF OLD MONTAGIA FRACTURES IN CHILDREN

Aly MOHAMEDEIN (Egypt)

17318 LONG-TERM RESULTS OF TREATMENT OF ANTERIOR HABITUAL SHOULDER DISLOCATION WITH HILL-SACKS LESION USING ROTATIONAL OSTEOTOMY OF THE HUMERUS

Alexey MASLOV, Alexander BELETSKY, Alexander MASLOV (Belarus)

17389 HOW TIGHT IS ENOUGH IN ROTATOR CUFF REPAIRS? STRESS-RELAXATION MAY BE A CAUSE OF EXCESSIVE GAP FORMATION

Mark HABER, David BELL, Daniel BIGGS, William WALSH (Australia)

17543 OPTIMUM SETTINGS TO ACHIEVE RADIOFREQUENCY STABILIZATION OF ARTHROSCOPIC KNOTS. RADIOFREQUENCY HEAT VS LOW TEMPERATURE COBLATION. NOT ALL DEVICES ARE THE SAME

Mark HABER, Stephen VAN DUIN, Eran DOLEV, Daniel BIGGS (Australia)

17930 ROLE OF MRI ARTHROGRAM IN SHOULDER SLAP LESION MANAGEMENT

Kiran Kumar SINGISETTI, Deepu BHASKAR (United Kingdom)

18035 SHARING EXPERIENCES OF MANAGING RADIAL HEAD FRACTURES WITH ARTHROPLASTY

Akshay MALHOTRA, Jagan Mohana Reddy VELPULA, A. LATIF, M. WASEEM, L. SANZ (United Kingdom)

18382 MISSED TRICEPS TENDON AVULSION INJURIES

Vikas SHARMA (United Kingdom)

18568 THE ELBOW DISLOCATION

Karim EL HACHIMI, Fayçal BENNANI, Mohamed MOUJTAHID, Mohamed OUARAB (Morocco)

15:30-16:00 *Break / Poster Discussion*

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

Moderators: Vane ANTOLIC (Slovenia) & Patrick YUNG (Hong Kong)

15953 ARTHROSCOPIC REPAIR OF MASSIVE ROTATOR CUFF TEARS: CORRELATION OF FUNCTIONAL RESULTS WITH INTEGRITY OF THE CUFF IN A PROSPECTIVE, MRI CONTROLLED

STUDY

Dorian HAUKE¹, Sven LICHTENBERG², Dennis LIEM², Petra MAGOSCH², Peter HABERMEYER²
¹(Switzerland), ²(Germany)

- 16047 MID-TERM CLINICAL EXPERIENCE OF A NEWLY DESIGNED SHOULDER HEMIPROSTHESIS**
Amitava Narayan MUKHERJEE (India)
- 17257 BIOMECHANICAL BASIS FOR POSTOPERATIVE REHABILITATION FOLLOWING ROTATOR CUFF REPAIR: SINGLE VS. DOUBLE LAYER**
Mark HABER, David BELL, William WALSH, Daniel BIGGS (Australia)
- 17722 OUR EXPERIENCE IN TREATMENT OF MULTIFRAGMENTAL FRACTURES OF THE ADULT DISTAL HUMERUS**
M. GERASIMENKO, N. GIHAR, V. GURKO (Belarus)
- 18062 AN ACCURATE DESCRIPTION OF THE KINEMATICS IN NORMAL AND TRAUMATICALLY UNSTABLE SHOULDERS**
Kris DAZELL, Khalid MOHAMMED, Andrew BROOKSBANK (New Zealand)
- 18064 LONG-TERM RESULTS OF THE BANKART OPERATION: REVIEW OF 50 CASES WITH MEAN 26-YEAR FOLLOW-UP**
Alain DURANDEAU (France)
- 18156 BRACHIAL PLEXUS INJURIES - DIAGNOSIS, TREATMENT AND NEUROTIZATION**
Harilaos SAKELLARIDES (United States)
- 18195 RECONSTRUCTION OF POSTEROLATERAL INSTABILITY OF THE ELBOW WITH FCR GRAFT - A PROSPECTIVE STUDY**
Akshay MALHOTRA, Jagan Mohana Reddy VELPULA, L. SANZ, M. MADHU, J. SINGH, A. LATIF, M. WASEEM (United Kingdom)
- 18212 MODULAR TUMOUR PROSTHESES FOR RECONSTRUCTION OF BONY DEFECTS OF THE HUMERUS IN ELBOW ARTHRITIS**
Philipp FUNOVICS, Reini SCHUH, Jochen HOFSTAETTER, Martin DOMINKUS, Rainer KOTZ (Austria)
- 18305 FIRST RESULTS USING NEW TYPE OF GLENOSPHERE IN REVERSE SHOULDER ARTHROPLASTY**
Hans Rudolf BLOCH, Adriana GHIDELLI (Switzerland)
- 18316 IS IT THE STEROID OR THE PRESERVATIVE PART OF THE DRUG THAT IS RESPONSIBLE FOR STEROID FLARE FOLLOWING PERIARTICULAR INJECTION THERAPY?**
Philip BRADY, Daragh HYNES (Ireland)
- 18534 CAN LATISSIMUS DORSI TRANSFER COMBINED WITH REVERSE SHOULDER ARTHROPLASTY AS A ONE STEP PROCEDURE IMPROVE EXTERNAL ROTATION?**
Michael GOEBEL, Ludwig SEEBAUER (Germany)
- 19088 OUTCOME ANALYSIS OF MUSCLE TRANSFER FOR SHOULDER RECONSTRUCTION IN OBPP - ANALYSIS OF 150 CASES IN 10 YRS**
Rujuta MEHTA, Mukund THATTE (India)

09:00-12:15 SICOT / 5th International Clubfoot Congress

Opening Remark

Session 1: Basic Science

Moderator: Henri BENSANEL (France)

- 19219 ARE TALIPES EQUINOVARUS AND CONGENITAL FIBULAR DYSPLASIA DIFFERENT MANIFESTATIONS OF ABERRENT VASCULOGENESIS?**
David R. HOOTNICK, Matthew DOBBS, Russell J. CRIDER (United States)
- 19220 POLYGENIC THRESHOLD MODEL WITH GENDER DIMORPHISM IN CLUBFOOT INHERITANCE: THE CARTER EFFECT**
Matthew B. DOBBS, Lisa M. KRUSEL, Christina GURNETT (United States)
- 19222 MICROVASCULATURE IN CLUBFOOT TALI BASED ON MICRO-CT**
Gunther WINDISCH¹, Friedrich ANDERHUBER¹, Dietmar EXNER¹, Ulrich GERHARD², Verena HALDI-BRÄNDLE²
¹(Austria), ²(Switzerland)
- 17651 A PROSPECTIVE EPIDEMIOLOGICAL STUDY OF CONGENITAL TALIPES EQUINOVARUS**
Wahab YINUSA, Jerry GRANGE, O.O. ODUNUBI (Nigeria)
- 19223 MOTOR PROBLEMS IN CHILDREN TREATED FOR IDIOPATHIC CLUBFOOT - A PILOT STUDY**
Hanneke ANDRIESSE, L. WESTBOM, G. HÄGGLUND (Sweden)

Discussion

- 19224 REVIEW OF ISCHEMIC NECROSIS FOLLOWING CLUBFOOT SURGERY WITH CASE OF RETAINED PRIMITIVE ARTERIAL RETE**
David R. HOOTNICK, Matthew DOBBS, Russell J. CRIDER (United States)
- 19225 DO TALIPES EQUINOVARUS (TEV) AND CONGENITAL VERTICAL TALUS (CVT) HAVE A COMMON ETIOLOGY?**
Russell CRIDER, David HOOTNICK, Matthew DOBBS, Leonard Philip SEIMON (United States)
- 18702 ULTRASOUND ASSESSMENT OF CLUBFOOT IN INFANTS**
Guy GRIMARD, Marie-Claude MIRON, Benoit MORIN, Marie-Andrée CANTIN, Morris DUHAIME (Canada)
- 17010 PODOGRAM AND FOOT BIMALLEOLAR ANGLE IN THE EVALUATION OF CLUBFOOT**
Anil JAIN, Sudhir KUMAR, Zulfigar AM (India)
- 19226 CORRELATION OF RADIOGRAPHS TO PEDOBAROGRAPHY IN NONOPERATIVELY TREATED IDIOPATHIC CLUBFEET**
Lori KAROL, Joshua MEIER, Kelly JEANS (United States)

Discussion

10:30-11:00 *Break / Poster Discussion*

Session 2: Evaluation and Ponseti Method

Moderator: Ken N. KUO (Taiwan)

- 19227 IMPORTANCE AND LIMITATION OF INITIAL CLUBFOOT-CLASSIFICATION**
Verena HALDI-BRÄNDLE, Ulrich EXNER (Switzerland)
- 19228 CLINICAL AND PHYSIOLOGICAL EXAMINATIONS OF CONGENITAL CLUBFOOT (PRINCIPLES AND RESULTS)**
Irina J. KLYCHKOVA (Russian Federation)

- 19229 NATURAL HISTORY RELAPSES AFTER CORRECTION IN IDIOPATHIC CLUBFOOT**
Jose A. MORCUENDE, Matthew E. LOVELL, Lori DOLAN (United States)
- 19230 ULTRASONOGRAPHIC ASSESSMENT OF THE ACHILLES TENDON HEALING AFTER PERCUTANEOUS SECTION WITH A NEEDLE FOR CORRECTION OF THE RESIDUAL EQUINUS OF CLUBFOOT**
José Batista VOLPON, D.A.C. MARANHO, D.M. LEAL, M.H. NOGUEIRA-BARBOSA, M.N. SIMAO (Brazil)
- 19278 RESULTS OF USING PONSETI METHOD FOR CLUBFOOT CORRECTION IN ELZAHRA'A UNIVERSITY HOSPITAL IN CAIRO SINCE 2001**
Yasser Ali ELBATRAWY (Egypt)
- 18233 EARLY RESULTS WITH PONSETI METHOD OF MANIPULATION AND CASTING IN PATIENTS WITH CLUBFOOT AND EFFECTS OF VARIABLES (AGE AT STARTING, SEVERITY AT PRESENTATION, COMPLIANCE WITH BRACE) ON THE RESULT**
Manish PRUTHI, Ramesh SEN (India)
- 19231 PONSETI METHOD FOR THE TREATMENT OF CLUBFOOT: RIYADH EXPERIENCE**
Ayman H. JAWADI (Saudi Arabia)
- 18670 EARLY RESULTS OF MODIFIED PONSETI CLUBFOOT TREATMENT**
Bobby K.W. NG, K.L. LIU, Jack C.Y. CHENG, T.P. LAM (Hong Kong)
- 19232 THE EXPERIENCE OF THE TREATMENT OF CLUBFOOT BY PONSETI MANAGEMENT**
Jun SUN, Zhilin ZHOU (China)

Discussion

12:15-13:00 **Plenary Lecture in Theatre 1**

13:00-13:50 **Lunch**

13:50-17:30 **SICOT / 5th International Clubfoot Congress**

Session 3: Ponseti Method and Functional Method

Moderator: Matthew B. DOBBS (United States)

- 19233 NEW HOME STRETCHING PROGRAM TO PREVENT RECURRENCE OF CLUBFOOT DEFORMITY AFTER TREATMENT WITH PONSETI TECHNIQUE**
Pariyut CHIARAPATTANAKOM, Charoenchai PAKPIANPAIROJ, Prasert LIUPOLVANISH (Thailand)
- 19234 RESULTS OF TREATMENT OF CLUBFOOT RELAPSES AFTER AGE 4 USING THE PONSETI METHOD**
Jose A. MORCUENDE, Ignacio V. PONSETI, Lori DOLAN, Scott D. MCKAY (United States)
- 17671 MANAGEMENT OF NEGLECTED CLUBFOOT BY PONSETI METHOD – ARE WE JOKING?**
Shah Alam KHAN, Ashok KUMAR, Manish VARSHNEY (India)
- 19235 USE OF THE PONSETI METHOD FOR RECURRENT CLUBFOOT FOLLOWING POSTEROMEDIAL RELEASE**
Matthew B. DOBBS, Sumeet GARG (United States)

Discussion

- 17789 RESULTS OF IDIOPATHIC CONGENITAL CLUBFOOT CONSERVATIVE TREATMENT WITH FUNCTIONAL METHOD**
Philippe WICART, Virginie RAMPAL, Raphael SERINGE (France)
- 19236 COMPARISON OF SERIAL CASTING VERSUS STRETCHING TECHNIQUE IN CHILDREN WITH CONONGENITAL IDIOPATHIC CLUBFOOT. EVALUATION OF A NEW ASSESSMENT SYSTEM**
Hanneke ANDRIESSE, G. HÄGGLUND (Sweden)
- 19237 NONOPERATIVE CLUBFOOT TREATMENT 2008: A COMPARISON BETWEEN THE PONSETI**

METHOD AND THE FRENCH PHYSIOTHERAPY METHOD

Benjamin Stephens RICHARDS, Shawne FAULKES, Karl E. RATHJEN, Lori KAROL, John G. BIRCH, Charles E. JOHNSTON, John A. HERRING, Daniel J. SUCATO (United States)

19238 ARMENIA: DYNAMIC-FUNCTIONAL TREATMENT AND TREATMENT WITH CASTS IN A RESOURCE-DEPRIVED COUNTRY

Verena HALDI-BRÄNDLE (Switzerland)

Discussion

Session 4: Orthosis and Residual Deformity

Moderator: Makoto KAMEGAYA (Japan)

18349 ROCKER BOTTOM DEFORMITY: A COMPLICATION OF IDIOPATHIC CONGENITAL CLUBFOOT CONSERVATIVE TREATMENT

Philippe WICART, Georgios KOUREAS, Raphael SERINGE (France)

19239 EXTRA SPACE CAST CORRECTION TECHNIQUE IN CLUBFOOT: 20 YEARS OF EXPERIENCE

Nikolai J. RUMYANTSEV, A.G. BAINDURASHVILI, N.J. OMAROV (Russian Federation)

19240 ADDUCTION IN CLUBFOOT

Henri BENSACHEL¹, Pasqual JEHANNO¹, Azriel BENAROYA²
¹(France), ²(United States)

19241 CLUBFOOT CLINICAL OUTCOMES RESOURCE AND EDUCATION GUIDE DEVELOPED BY THE SHRINERS HOSPITALS FOR CHILDREN- CLUBFOOT WORK GROUP

Norman Y. OTSUKA (United States)

Discussion

19242 CLASSIFICATION OF CLUBFEET BEFORE TREATMENT AND EVALUATION AT OUTCOME

Verena HALDI-BRÄNDLE, G. Ulrich EXNER (Switzerland)

19243 SPLINT AND CLUBFOOT

Henri BENSACHEL¹, Pasqual JEHANNO¹, Azriel BENAROYA²
¹(France), ²(United States)

19244 IMPROVED BRACE WEAR COMPLIANCE IN CHILDREN WITH CLUBFEET TREATED WITH THE PONSETI METHOD USING A DYNAMIC ORTHOSIS

Matthew B. DOBBS, Sumeet GARG, Kristina PORTER, Melissa KIRCHOFFER (United States)

Discussion

Symposium

Moderator: Wallace LEHMAN (United States)

THE ROLE OF SURGERY IN MODERN DAY CLUBFOOT MANAGEMENT

In Ho CHOI¹, Matthew B. DOBBS², Nikolai J. RUMYANTSEV³
¹(Korea), ²(United States), ³(Russian Federation)

11:00-12:15 **Free Papers – Trauma: Acetabular and Proximal Fractures**

Moderators: Vilmos VÉCSEI (Austria) & Tak Wing LAU (Hong Kong)

15310 MARGINAL IMPACTION FRACTURES OF THE ACETABULUM

Maher HALAWA¹, Fouad SADEK²

¹(United Kingdom), ²(Egypt)

17045 MINIMALLY INVASIVE SURGERY IN OS CALCIS FRACTURE: INDICATIONS AND RESULTS

Tak Wing LAU, Frankie LEUNG (Hong Kong)

17202 STAGING/CLASSIFICATION OF NEGLECTED NECK FRACTURE BASED ON THE CHANGES IN THE PROXIMAL FRAGMENT

Hardas SANDHU, Parvinder SANDHU (India)

17412 USE OF CELL SAVER IN ACETABULAR FRACTURE SURGERY: DOES INTRAOPERATIVE RED BLOOD-CELL SALVAGE AND AUTOTRANSFUSION REDUCE THE NEED FOR BLOOD TRANSFUSION?

James KELLAM, Brian SCANNELL, Brian LOEFFLER, Mochael BOSSE, Stephen SIMS, James NORTON (United States)

17508 CEMENTLESS MODULAR HIP ARTHROPLASTY AS A SALVAGE OPERATION FOR FAILED INTERNAL FIXATION OF TROCHANTERIC FRACTURES IN ELDERLY PATIENTS

Jean-Michel LAFFOSSE, François MOLINIER, Jean-Louis TRICOIRE, Philippe CHIRON, Jean PUGET (France)

18040 ANALYSIS OF THE OUTCOMES INVOLVED IN THE WALKING ABILITY OF PERITROCHANTERIC FRACTURE OF THE FEMUR TREATED WITH THE INTRAMEDULLARY HIP SCREW SYSTEM

Ryoichi MURASHIGE, Hiromoto ITO, Kazufumi MINAMI, Hiroshi HASHIGUCHI, Takao NAKAJIMA, Yoshinaga EGAWA (Japan)

18104 DHS AND SUPPLEMENTARY CANCELLOUS SCREW WITH PRIMARY AUTOGENOUS BONE GRAFTING FOR MANAGEMENT OF FRACTURE NECK OF FEMUR IN MIDDLE TO ELDERLY AGE GROUP

A. VERMA, R. AHIRE, S.K. MUKHERJEE (India)

18326 ANAESTHESIA FOR HIP FRACTURE PATIENTS

Deepu BHASKAR, Purnima AGGARWAL, Ajay GULATI, Kieran SINGISETTI, Martyn PARKER (United Kingdom)

18405 SUPINE WITH FLEXED HIP POSITION FOR ANTEGRADE FEMORAL NAILING: AN ALTERNATIVE POSITION FOR OBESE PATIENTS OR PROXIMAL FEMORAL FRACTURES

Banchong MAHAISAVARIYA, Panupan SONGCHAROEN (Thailand)

19187 SPS FREE BLOCK 3.5 - MINIMALLY INVASIVE TECHNIQUE FOR FEMORAL FRACTURES

Marcos MUSAFIR, João GASPARG (Brazil)

12:15-13:00 **Plenary Lecture in Theatre 1**

13:00-14:00 **Lunch**

14:00-15:30 **Free Papers – Trauma: Fractures Around the Knee I**

Moderators: Hatem SAID (Egypt) & Chang Wug OH (South Korea)

15827 SURGICAL EXPERIENCE AND FUNCTIONAL OUTCOME IN TREATMENT OF PROXIMAL TIBIA FRACTURES USING THE LISS PLATING

Umesh NAGARE, Mohammad MAQSOOD (United Kingdom)

16096 HYBRID ILIZAROV. A SOLUTION FOR DIFFICULT NONUNIONS OF FEMUR

Ranjit Kumar BARUAH (India)

- 16172 ARE INCREASING NAILING NUMBERS A SIGNIFICANT TREND IN AN INDUSTRIALISING SOCIETY? A 10-YEAR AUDIT OF TRAUMA OPERATIONS FROM A CALCUTTA HOSPITAL**
Arindam BANERJEE, Rajiv CHATTERJEE, Arindam GANGULY (India)
- 16361 MINIMALLY INVASIVE PLATE OSTEOSYNTHESIS OF SUBTROCHANTERIC FEMUR FRACTURES WITH A LOCKING PLATE**
Chang-Wug OH, Jong-Keon OH, Joon-Woo KIM, Byung-Chul PARK (Korea)
- 16608 THE Y-NAIL AS THE ENDOPROSTHESIS OF THE FEMUR**
Sergey SERGEEV, Oleg GRISHANIN, Vladimir MATVEEV, Andrey FUTRIK (Russian Federation)
- 17190 EXTREME COMPLICATIONS OF FIXION NAIL IN TREATMENT OF LONG BONE**
Hayati OZTURK, Tansel UNSALDI, Zekeriya OZTEMUR, Okay BULUT, Murat KORKMAZ, Hüseyin DEMIREL (Turkey)
- 17384 THE TREATMENT OF TIBIAL PLATEAU WITH MINIMAL INCISION**
Andrei PRUNDEANU, Sabian POPA, Mihai GAVRILA, Stefan CRISTEA (Romania)
- 17752 PROBLEMS CONCERNING THE DIAGNOSIS AND TREATMENT OF TIBIAL PLATEAU FRACTURES**
Mihail NAGEA, Olivera LUPESCU, Cornelia VASILACHE, Dorian LUPESCU (Romania)
- 17756 LONG-TERM RESULTS AFTER PARACORTICAL OSTEOSYNTHESIS FOR DISTAL FEMORAL FRACTURES**
Gheorghe Ion POPESCU, Olivera LUPESCU, Mihail NAGEA, Cristina PATRU (Romania)
- 17958 HOW DOES THE CONDYLAR SCREW CONFIGURATION AFFECT THE STABILITY IN THE USE OF LCP-DF?: A BIOMECHANICAL STUDY**
Jong-Keon OH, Kyung-Je KWON, Jin-Ho WHANG, Sung-Jae LEE (Korea)
- 18039 HYBRID FIXATION OF SCHATZKER'S TYPE V & VI TIBIAL PLATEAU FRACTURES: A 10-YEAR STUDY**
S.K. MUKHERJEE, A. VERMA (India)
- 15:30-16:00 *Break / Poster Discussion*
- 16:00-17:30 **Free Papers – Trauma: Fractures Around the Knee II**
- Moderators: Dariush GOURAN SAVADKOOHI (Iran) & Jong-Keon OH (Korea)
- 15825 MIPPO TECHNIQUE FOR MANAGEMENT OF PROXIMAL TIBIAL FRACTURES - RESULTS OF SINGLE CENTRE STUDY**
Umesh NAGARE, Aroop SEN, Mohammad MAQSOOD, Vikas SHARMA (United Kingdom)
- 16063 MANAGEMENT OF PEDIATRIC FEMORAL SHAFT FRACTURES BY TITANIUM ELASTIC NAILING**
Veerappan VEERIAH, Krishnagopal RAMAMOORTHY (India)
- 16066 HEMIARTHROPLASTY USING A STANDARD CEMENTLESS PROSTHESIS IN ELDERLY DEBILITATED PATIENTS WITH AN UNSTABLE FEMORAL FRACTURE IN THE TROCHANTERIC REGION**
Ioannis PSYCHARIS, Georgios KECHAGIAS, Georios KOLOBOS, Gabriel PPADAKOS (Greece)
- 16095 CAN EXTERNAL FIXATOR BE AN ALTERNATIVE SOLUTION FOR DIAPHYSEAL FRACTURE OF FEMUR IN CHILDREN OF 5-12 YEARS OF AGE?**
Ranjit Kumar BARUAH (India)
- 16433 RESULTS OF UNILATERAL LOCKED SCREW PLATING OF BICONDYLAR TIBIAL PLATEAU FRACTURES**
Umesh NAGARE, Mohammad MAQSOOD, Vikas SHARMA (United Kingdom)
- 16520 TREATMENT OF TIBIAL PLAFOND FRACTURES USING ILIZAROV EXTERNAL FIXATOR**
Mohamed FADEL, Gamal HOSNY (Egypt)
- 16750 PREOPERATIVE ESTIMATION OF INTRAMEDULLARY NAIL LENGTH USING INDIRECT**

MEASUREMENTS

Lalit MAINI, Harpreet SINGH, P. YUVARAJAN, V.K. GAUTAM (India)

16753 MEDIAL WEDGE OSTEOTOMY IN MALUNITED DEPRESSED TIBIAL PLATEAU FRACTURES: A NEW TECHNIQUE

Lalit MAINI, P. YUVARAJAN, V.K. GAUTAM (India)

17344 FISH HOOK TECHNIQUE OF EXTRACTING BROKEN INTRAMEDULLARY NAILS

Asef ALANI, Mehool ACHARYA, Clare WILDIN (United Kingdom)

17658 TO STUDY THE ROLE OF DYNAMIZATION IN TREATMENT OF DIAPHYSEAL FRACTURES OF FEMUR TREATED WITH STATIC MODE INTERLOCKING NAIL

Sharukh DOTIVALA, Ashish SINGH, Raghav Sunil KAMMA, Pradeep REDDY, Sachin KAD (India)

Thursday, 28 August 2008

	Theatre 1	Theatre 2	403	404 / 405	406 / 407	408	603 / 604	605	606 / 607	608
08:00 -09:00	CTL Spine: Spinal Infection	CTL Joint: Complex Hip Problems	CTL Sports Medicine: Mastering the Essentials in Rotator Cuff Repair	CTL Trauma: Distal Radius Fractures	CTL General Orthopaedics: Electrodiagnosis in Orthopaedics		CTL Foot & Ankle: Postural Deformities	Symposium Tumours: Development in Bone Tumour Resection		
09:00 -10:30	Symposium Spine: Low Back Pain & Disc Degeneration	Free Papers Joint: Revision Hip Arthroplasty	Symposium Sports Medicine: Sports Injuries to the Elbow and Ankle	Symposium Trauma: Updates in Distal Radius Fractures	HKCOS / HKOA		Free Papers Basic Science: Antibiotic Release / Articular Cartilage, Imaging & Reconstruction	Free Papers Tumours	SICOT / 5th International Clubfoot Congress	
<i>Break / Poster Discussion</i>										
11:00 -12:15	Best Papers Session	Symposium Joint: Revision Total Knee Arthroplasty	Symposium General Orthopaedics: Orthopaedic War Injuries				Symposium Foot & Ankle: Miscellaneous	Free Papers Tumours: Primary Tumour & Limb Salvage		
12:15 -13:00	Plenary Lecture Thomas R. Oxland									
<i>Lunch</i>										
14:00 -15:30	Symposium Sports Medicine: Controversies in Meniscal Surgery	Symposium Trauma: Updates in Intertrochanteric Fracture Management		Free Papers Trauma: Organisation	Symposium Spine: Spondylolis- thesis			Free Papers Tumours: Outcome After Primary Tumour Resection		
15:30 -17:00	Closing Ceremony									

CTL = Current Trend Lectures

08:00-09:00 **CTL – Spine: Spinal Infection**

Moderators: André KAELIN (Switzerland) & Bryan ASHMAN (Australia)

19214 SPINAL INFECTIONS – EVOLUTION AND TREATMENT OF SEVERE KYPHOTIC DEFORMITIES IN SPINAL TUBERCULOSIS

Shanmuganathan RAJASEKARAN (India)

19190 PYOGENIC SPONDYLITIS: FROM ASPIRATION TO INSTRUMENTATION

Kan Hing MAK (Hong Kong)

19144 CURRENT TRENDS IN TREATMENT OF SPINAL INFECTION

Manabu ITO (Japan)

09:00-10:30 **Symposium – Spine: Low Back Pain & Disc Degeneration**

Moderators: Manabu ITO (Japan) & Oheneba BOACHIE-ADJEI (United States)

19181 HOW HAS GENETICS CHANGED OUR UNDERSTANDING OF DISC DEGENERATION?

Kenneth M.C. CHEUNG¹, Jaro KARPPINEN², Danny CHAN¹, B.J. FAN¹, Daniel HO¹, Patrick KAO¹, You Qiang SONG¹, Pak SHAM¹, Kathryn S.E. CHEAH¹, John C.Y. LEONG¹, Keith Dip-Kei LUK¹
¹(Hong Kong), ²(Finland)

18063 LONG TERM OUTCOME OF LUMBAR DISCECTOMY - A HOMOGENOUS SERIES OF 376 CASES

Thami BENZAKOUR, Abderrazak HEFTI, Mohamed LEMSEFFER, Ahmed BENZAKOUR (Morocco)

PERCUTANEOUS ENDOSCOPIC LUMBAR DISCECTOMY

Jae Yung CHUNG (Korea)

19135 BORDERLINE INDICATION FOR DYNAMIC STABILIZATION

André KAELIN (Switzerland)

Discussion

10:30-11:00 *Break / Poster Discussion*

11:00-12:15 **Best Papers Session**

Moderators: *(to be confirmed)*

15310 MARGINAL IMPACTION FRACTURES OF THE ACETABULUM

Maher HALAWA (United Kingdom), Fouad SADEK (Egypt)

15727 LEARNING CURVE OF A NAVIGATION SYSTEM FOR TOTAL KNEE REPLACEMENT - A MULTICENTRIC STUDY

Jean-Yves JENNY¹, Rolf MIEHLKE², Alexander GIUREA³, Yann DIESINGER¹
¹(France), ²(Germany), ³(Austria)

15834 MID-TERM RESULTS OF TOTAL ANKLE PROSTHESES IN RHEUMATOID ARTHROPATHY

Huub VAN DER HEIDE, Bernard SCHUTTE, Jan Willem LOUWERENS, Frank VAN DEN HOOGEN, Maarten DE WAAL MALEFIJT (Netherlands)

17627 DOES SCAPHOID BONE BRUISING LEAD TO FRACTURE AND SHALL IT BE TREATED SAME AS FRACTURE?

Turab SYED, Yousaf SHAH, Martin Harry WETHERILL (United Kingdom)

17634 OSTEOCHONDRAL DEFECTS OF THE KNEE: AUTOLOGOUS CHONDROCYTE IMPLANTATION ALLOWS RETURN TO PHYSICAL ACTIVITY AND SPORTS

Parag JAISWAL, Saket TIBREWAL, Richard CARRINGTON, John SKINNER, Tim BRIGGS, George BENTLEY (United Kingdom)

- 17879 THE DOSE OF ANTIBIOTICS IN CEMENT HAS POSITIVE EFFECTS ON TREATING INFECTED TKA**
Hwa-Chang LIU, Wen-Chi TSAI, Thomas Tzil-Shang LIU, Shier-Chieh HWANG, Pokai TSENG (Taiwan)
- 17905 FATTY ACID FUNCTIONALIZATION STRONTIUM HYDROXYAPATITE NANOROD AND APPLICATION**
Raymond Wing Moon LAM, Chi Tak WONG, Zhao Yang LI, Wai Kin CHAN, Keith Dip-Kei LUK, William Weijia LU (Hong Kong)
- 18030 LENGTHENING OF HAND SEGMENTS BY MINI-FIXATOR**
Vladimir SHEVTSOV, Natalia SHIKHALEVA, Mikhail DANILKIN (Russian Federation)
- 18121 EVALUATION OF IMMORTALIZED HUMAN MESENCHYMAL STEM CELLS AT DIFFERENT POPULATION DOUBLINGS LEVELS**
Emilie GLAVIND, Lea BJERRE, Michael BENDTSEN, Cody BÜNGER (Denmark)
- 18157 MODULAR PROSTHETIC RECONSTRUCTION AFTER TUMOUR RESECTION OF THE DISTAL HUMERUS**
Philipp FUNOVICS, Reini SCHUH, Jochen HOFSTAETTER, Martin DOMINKUS, Rainer KOTZ (Austria)

12:15-13:00 **Plenary Lecture – Basic Science**

Moderator: Keith D.K. Luk (Hong Kong)

BIOMECHANICAL ASPECTS OF SPINAL CORD INJURY
Thomas R. OXLAND (Canada)

13:00-14:00 **Lunch**

14:00-15:30 **Symposium – Sports Medicine: Controversies in Meniscal Surgery**

Moderators: Kandiah RAVEENDRAN (Malaysia) & Wilson LI (Hong Kong)

19200 RATIONALE FOR REPAIRING THE MENISCUS
Wilson LI (Hong Kong)

CLINICAL TECHNIQUES FOR MENISCAL REPAIR
Kandiah RAVEENDRAN (Malaysia)

CLINICAL RESULTS OF MENISCAL ALLOGRAFTS
René VERDONK (Belgium)

MENISCAL REPLACEMENT: THE FUTURE TREND?
René VERDONK (Belgium)

15:30-17:00 **Closing Ceremony**

08:00-09:00 **CTL – Joint: Complex Hip Problems**

Moderators: (to be confirmed)

MANAGEMENT OF COMPLEX FRACTURE OF THE ACETABULUM

Laurent SEDEL (France)

MANAGEMENT OF INFECTION AFTER THA: PRINCIPLES AND LONG TERM RESULTS

Clive P. DUNCAN (Canada)

09:00-10:30 **Free Papers – Joint: Revision Hip Arthroplasty**

Moderators: Laurent SEDEL (France) & Hok Leung WONG (Hong Kong)

15973 9-YEAR RESULT OF INTERFACE BIOACTIVE BONE CEMENT (IBBC) IN REVISION THA
Hiroshi FUJITA, Hironobu OONISHI, Shigeru ITO, Seok KIM, Hirofumi DOUKAWA (Japan)

16788 REVISION THR: RADIAL IMPACTION BONE GRAFTING AND COLLARED LONG STEM PROSTHESIS FOR PAPROSKY TYPE II AND III FEMORAL DEFECTS
Rajeshkumar KAKWANI, Shankar KASHYAP, Saqib M. (United Kingdom)

17037 CEMENTLESS ACETABULAR REVISION USING THE DURALOC "JUMBO" CUP. A 5-YEAR EXPERIENCE
Farshid MALEKI, Ruth DELANEY, Aniruddha MITRA, Philip BRADY, David MULCAHY (Ireland)

17410 1413 EXETER STEM REVISIONS WITH IMPACTION BONE GRAFTING AND CEMENT. A SWEDISH MULTICENTER STUDY
Ewald ORNSTEIN, Ragnar JOHNSON, Stefan LEWOLD, Lars LINDER, Jonas RANSTAM, Maria TORPER (Sweden)

17779 HIP REVISION SURGERY: CEMENTED AND CEMENTLESS IMPACTION GRAFTING IN SEVERE FEMORAL BONE LOSS
Francesco Saverio SANTORI, Nicola SANTORI (Italy)

18076 OVERALL SHORT-TERM RESULT OF CEMENTED ACETABULAR RECONSTRUCTION WITH IMPACTED ALLOGRAFT OVER A WIRE MESH FOR SEVERE ACETABULAR BONE DEFECT
Kee Hyung RHYU, Myung Chul YOO, Yoon Je CHO, Kang Il KIM, Young Soo CHUN (Korea)

18320 MODES OF FAILURE OF CONSTRAINED IMPLANTS
Olivier GUYEN¹, Miguel CABANELA², David LEWALLEN²
¹(France), ²(United States)

18404 FUNCTIONAL OUTCOME FOLLOWING HIP RESURFACING: THE IMPORTANCE OF COMPONENT SIZE AND ACETABULAR ORIENTATION
Simon JAMESON, David LANGTON, Antoni NARGOL (United Kingdom)

18426 FEMORAL REVISION USING LONG HYDROXYAPATITE-COATED INTERLOCKING STEM
Rajesh MALHOTRA, Aman DUA, Vijay KUMAR (India)

10:30-11:00 *Break / Poster Discussion*

11:00-12:15 **Symposium – Joint: Revision Total Knee Arthroplasty**

Moderators: (to be confirmed)

MANAGEMENT OF PERIPROSTHETIC OSTEOLYSIS AFTER TOTAL KNEE REPLACEMENT
William J. MALONEY (United States)

REVISION ARTHROPLASTY OF THE KNEE JOINT WITH A SEMI-CONSTRAINED DEVICE
Joachim LOEHR (Germany)

RE-OPERATION FOR THE STIFF TKA

William J. MALONEY (United States)

Discussion

12:15-13:00

Plenary Lecture – Basic Science

To be held in Theatre 1. Seats will also be available in Theatre 2, if necessary.

Moderator:

Keith D.K. Luk (Hong Kong)

BIOMECHANICAL ASPECTS OF SPINAL CORD INJURY

Thomas R. OXLAND (Canada)

13:00-14:00

Lunch

14:00-15:30

Symposium – Trauma: Updates in Intertrochanteric Fracture Management

Moderators:

Jong-Keon OH (Korea) & Tak Wing LAU (Hong Kong)

CHOICE OF FIXATION

Jong-Keon OH (Korea)

19105 DYNAMIC HELICAL BLADE PLATE FIXATION OF INTERTROCHANTERIC FRACTURES

Frankie LEUNG (Hong Kong)

19086 CLINICAL PATHWAY OF HIP FRACTURE MANAGEMENT

Tak Wing LAU, Frankie LEUNG (Hong Kong)

Discussion

15:30-17:00

Closing Ceremony in Theatre 1

Thursday, 28 August 2008

Room 403

08:00-09:00 **CTL – Sports Medicine: Mastering the Essentials in Rotator Cuff Repair**

Moderators: Paul Y.T. TSE (Hong Kong) & Benjamin K.P. CHOW (Hong Kong)

ARTHROSCOPIC VS MINI-OPEN ROTATOR CUFF REPAIR WITH SUTURE ANCHORS

Chih-Hwa CHEN (Taiwan)

MASSIVE ROTATOR CUFF TEARS: WHERE ARE THE LIMITS?

Stephen B. ABELOW (United States)

09:00-10:30 **Symposium – Sports Medicine: Sports Injuries to the Elbow and Ankle**

Moderators: Paul Y.T. TSE (Hong Kong) & Benjamin K.P. CHOW (Hong Kong)

ARTHROSCOPIC TREATMENT OF SPORTS INJURIES TO THE ELBOW

Chih-Hwa CHEN (Taiwan)

TREATING LATERAL EPICONDYLITIS: FROM INJECTION TO INCISION

James TASTO (United States)

ARTHROSCOPIC EVALUATION AND TREATMENT OF ATHLETIC INJURIES OF THE ANKLE

James TASTO (United States)

ENDOSCOPIC MANAGEMENT OF CHRONIC LATERAL ANKLE INSTABILITY AND CHRONIC PERONEAL TENDON INSTABILITY

Tun Hing LUI (Hong Kong)

10:30-11:00 *Break / Poster Discussion*

11:00-12:15 **Symposium – General Orthopaedics: Orthopaedic War Injuries**

Moderators: Hok Leung WONG (Hong Kong) & Yuk Yin CHOW (Hong Kong)

18876 HOSPITAL UNDER FIRE

Gershon VOLPIN (Israel)

GUNSHOT INJURY/BLAST INJURY: PATHOPHYSIOLOGY AND INJURY PATTERN

Yuk Yin CHOW (Hong Kong)

Discussion

12:15-13:00 *Plenary Lecture in Theatre 1*

13:00-14:00 *Lunch*

15:30-17:00 *Closing Ceremony in Theatre 1*

Thursday, 28 August 2008

Room 404/405

08:00-09:00 **CTL – Trauma: Distal Radius Fractures**

Moderators: Masahiro TOBE (Japan) & Frankie LEUNG (Hong Kong)

19161 PERCUTANEOUS PINNING FOR DISTAL RADIUS FRACTURES

Masahiro TOBE, Kazuhiro MIZUTANI (Japan)

19077 PLATE FIXATION OF INTRA-ARTICULAR DISTAL RADIUS FRACTURES

Frankie LEUNG (Hong Kong)

19160 NON-BRIDGING EXTERNAL FIXATOR FOR COMMUNUTED FRACTURE OF THE DISTAL RADIUS

Masahiro TOBE, Kazuhiro MIZUTANI (Japan)

Discussion

09:00-10:30 **Symposium – Trauma: Updates in Distal Radius Fractures**

Moderators: Masahiro TOBE (Japan) & Tak Wing LAU (Hong Kong)

COMPARISON BETWEEN PALMAR LOCKING PLATE AND PLASTER TREATMENT IN ELDERLY

Masahiro TOBE (Japan)

BONE SUBSTITUTE IN DISTAL RADIUS FRACTURES

Masahiro TOBE (Japan)

19085 RESULTS OF RADIOGRAPHIC VERSUS CLINICAL OUTCOME

Tak Wing LAU, Frankie LEUNG (Hong Kong)

Discussion

10:30-11:00 *Break / Poster Discussion*

12:15-13:00 *Plenary Lecture in Theatre 1*

13:00-14:00 *Lunch*

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

Moderator: Gershon VOLPIN (Israel) & Chi Fat CHAN (Hong Kong)

15874 IMPROVEMENT OF PRE HOSPITAL TRAUMA CARE IN THE SOUTHERN TAMILNADU STATE, INDIA

Subbiah VENKATESH BABU (India)

16634 ORTHOPAEDIC TRAUMA SERVICE UTILISATION - IS THERE MORE THAN WHAT THE EYE MEETS?

Ulfin RETHNAM, Balasundaram RAMESH, Nigel CLAY (United Kingdom)

16706 PREDICTING THE NEED FOR BLOOD TRANSFUSION IN ORTHOPAEDICS TRAUMA PATIENTS. FACTORS IN DECISION MAKING

Syah BAHARI, John MCELWAIN (Ireland)

16914 AVAILABILITY OF ARTERIAL EMBOLIZATION IN HEMODYNAMICALLY UNSTABLE PELVIC FRACTURE

Hyung Ku YOON, Soo Hong HAN, Byung Ho YOON, Tae Keun AHN (Korea)

17206 AWARENESS ABOUT COMPARTMENT SYNDROME AMONG TRAUMA NURSES

Ashok MARUDANAYAGAM, Mohammad YAQOOB, Ravi NIDUMOLU (United Kingdom)

17724 APPROPRIATENESS OF TRAUMA CLINIC REFERRALS

Kakwani RAJESHKUMAR, Apurva SINHA, Paresh SONSALE (United Kingdom)

17797 PATTERN OF TRAUMA-RELATED EMERGENCY ROOM DEATHS IN A WEST AFRICAN TERTIARY

HOSPITAL

Cosmas IHEZIE (Nigeria)

18061 PACS - DOES IT AID THE MANAGEMENT OF ORTHOPAEDIC TRAUMA?

Jagan Mohana Reddy VELPULA, V. GUPTA, K. BARNES, M. WASEEM (United Kingdom)

18335 NEW RADIOLOGICAL ALIGNMENT JIG FOR INSERTING DISTAL LOCKING SCREWS IN INTRAMEDULLARY NAILS

Alan J. JOHNSTONE, Saravana Vail KARUPPIAH (United Kingdom)

15:30-17:00 *Closing Ceremony in Theatre 1*

Thursday, 28 August 2008

Room 406/407

08:00-09:00 **CTL – General Orthopaedics: Electrodiagnosis in Orthopaedics**

Moderators: Chi Ping CHOW (Hong Kong)

ELECTRODIAGNOSIS IN ORTHOPAEDICS: BASIC SCIENCE, CLINICAL APPLICATIONS AND CASE DISCUSSIONS

Lalith E. SATKUNAM¹, Chi Ping CHOW²

¹(Canada), ²(Hong Kong)

09:00-10:30 **Hong Kong College of Orthopaedic Surgeons (HKCOS) /
Hong Kong Orthopaedic Association (HKOA)**

Moderators: Wai Kit NGAI (Hong Kong) & Kwai Yau FUNG (Hong Kong)

THORACIC MYELOPATHY BY OSSIFICATION OF LIGAMENTUM FLAVUM

Ka Kin CHEUNG (Hong Kong)

DEGENERATIVE LUMBAR SPONDYLOLISTHESIS CAUSING SPINAL CLAUDICATION: IS FUSION A MUST?

Ka Kin CHEUNG (Hong Kong)

ARTHROSCOPIC MANAGEMENT OF DISTAL TIBIO-FIBULAR INJURY

Kwok Bill CHAN (Hong Kong)

EXPANDING THE ROLE OF ORTHOPAEDIC SURGEON IN MANAGEMENT OF OSTEOPOROTIC FRACTURE

Sheung Wai LAW (Hong Kong)

PRECISION TUMOR RESECTION AND RECONSTRUCTION USING IMAGE GUIDED COMPUTER NAVIGATION

Kwok Chuen WONG (Hong Kong)

RECENT ADVANCES IN OSTEOPOROSIS MANAGEMENT

Ling QIN (Hong Kong)

10:30-11:00 *Break / Poster Discussion*

12:15-13:00 *Plenary Lecture in Theatre 1*

13:00-14:00 *Lunch*

14:00-15:30 **Symposium – Spine: Spondylolisthesis**

Moderators: Keith Dip-Kei LUK (Hong Kong) & Kamal IBRAHIM (United States)

19204 MANAGEMENT OF SPONDYLOLYSIS

Ahmet ALANAY (Turkey)

19162 PRINCIPLE OF MANAGEMENT OF SPONDYLOLISTHESIS

Keith Dip-Kei LUK (Hong Kong)

19178 SPINAL STENOSIS IN SPONDYLOLYTIC SPONDYLOLISTHESIS

Kan Hing MAK (Hong Kong)

Discussion

15:30-17:00 *Closing Ceremony in Theatre 1*

08:00-09:00 **CTL – Foot & Ankle: Postural Deformities**

Moderators: Margaret WONG (Hong Kong) & Henry Siu Fai YIP (Hong Kong)

BIOMECHANICS OF PLANOVALGUS AND CAVOVARUS

Michael STEPHENS (Ireland)

ADULT ACQUIRED FLATFOOT

Margaret WONG (Hong Kong)

CAVOVARUS CORRECTION

Michael STEPHENS (Ireland)

PERONEAL SPASTIC FLATFOOT (TARSAL COALITION)

Tsukasa KUMAI (Japan)

09:00-10:30 **Free Papers – Basic Science: Antibiotic Release / Articular Cartilage, Imaging & Reconstruction**

Moderators: Erdal CILA (Turkey) & William LU (Hong Kong)

17891 OPTIMAL LOCAL DOSAGE OF HOUSEKEEPING ANTIBIOTICS TO INHIBIT S. AUREUS WITHOUT INDUCING OSTEOBLAST NECROSIS: IN VITRO STUDY

Kit Ying LEUNG, Kelvin Wai Kwok YEUNG, Richard KAO, Paul CHU, Kenneth CHEUNG (Hong Kong)

17914 AN ANTI-BACTERIAL COATING IN DENTAL IMPLANT USED IN ORTHOPAEDICS/ FEASIBILITY STUDY OF ANTI-BACTERIAL COATING IN DENTAL IMPLANT FOR ORTHOPAEDIC USE

Kit Ying LEUNG, Kelvin Wai Kwok YEUNG, Richard KAO, Paul CHU, Kenneth CHEUNG (Hong Kong)

17953 AN IN VITRO GENTAMYCIN RELEASE STUDY ON STRONTIUM CONTAINING HYDROXYAPATITE (SR-HA) BIOACTIVE BONE CEMENT COMPARED WITH POLYMETHYLMETHACRYLATE (PMMA)

Wai Ching LIU, Chi Tak WONG, William Weijia LU, Richard KAO (Hong Kong)

16757 HISTOLOGICAL ASSESSMENT OF DEGENERATION OF CRUCIATE LIGAMENTS IN OSTEOARTHRITIC KNEES AND THEIR ASSOCIATION WITH CLINICAL AND FUNCTIONAL STATUS OF THE KNEE JOINT

Akshay GOEL, Aditya AGGARWAL, Bishan Das RADOTRA, S.S. GILL (India)

17757 REGIONAL CHANGES OF T1 ρ AND T2 RELAXATION OF ENZYMATICALLY DEGRADED PORCINE PATELLAR CARTILAGES IN VITRO

Zhiyang ZHOU, Xuenong ZOU, Steffen RINGGAARD, Haisheng LI, Lijin ZOU, Michael BENDTSEN, Casper FOLDAGER, Hans STODKILDE-JORGENSEN, Cody BÜNGER (Denmark)

18071 3D-T1 ρ IMAGING AND QUANTITATION OF ARTICULAR CARTILAGE AT 7.0T

Xuenong ZOU, Zhiyang ZHOU, Steffen RINGGAARD, Haisheng LI, Lijin ZOU, Hans STØDKILDE-JØRGENSEN, Cody BÜNGER (Denmark)

18100 COMPARISON OF THERAPEUTIC EFFECT OF ENZYMATIC HYDROLYZED COLLAGEN AND GLYCOSAMIN

Tomas TRČ (Czech Republic)

18262 3.0T MRI IN FOLLOW-UP AFTER MICROFRACTURING - DO RELATIVE T2 VALUES IN REPAIR TISSUES CORRELATE WITH THE KOOS SCORE?

Florian KUTSCHA-LISSBERG, Lukas NEGRIN, Stephan DOMAYER, Christian GÄBLER, Vilmos VÉCSEI (Austria)

18471 ISOLATED UNICOMPARTMENTAL OSTEOARTHRITIS OF THE KNEE: DIFFERENCE IN DISTRIBUTION OF ARTHRITIC LESIONS

A. GULATI, R. CHAU, Richie GILL, C.A.F. DODD, D.W. MURRAY, A.J. PRICE, D.J. BEARD, H.G. PANDIT (United Kingdom)

10:30-11:00 **Break / Poster Discussion**

11:00-12:15

Symposium – Foot & Ankle: Miscellaneous

Moderators: Kwai Ming SIU (Hong Kong) & Margaret WONG (Hong Kong)

ARTHRODESIS OF THE 1ST MTPJ

Michael STEPHENS (Ireland)

PERONEAL TENDON INJURY

Margaret WONG (Hong Kong)

RHEUMATOID FOREFOOT RECONSTRUCTION

Henry S.F. YIP (Hong Kong)

TOTAL ANKLE ARTHROPLASTY

Michael STEPHENS (Ireland)

Discussion

12:15-13:00

Plenary Lecture in Theatre 1

13:00-14:00

Lunch

15:30-17:00

Closing Ceremony in Theatre 1

08:00-09:00 **Symposium – Tumours: Development in Bone Tumour Resection**

Moderators: Yat Cheong SO (Hong Kong) & Shekhar KUMTA (Hong Kong)

COMPUTER NAVIGATION ON TUMOR RESECTION

Yat Cheong SO (Hong Kong)

RESECTION PLANNING FOR PELVIC AND SACRAL TUMORS USING COMPUTER NAVIGATION

Shekhar KUMTA (Hong Kong)

LIMB RECONSTRUCTION IN PAEDIATRIC PATIENTS

Wai Yip HO (Hong Kong)

09:00-10:30 **Free Papers – Tumours**

Moderators: Cyril TOMA (Malaysia) & Yat Cheong SO (Hong Kong)

15295 SOFT TISSUE RECURRENCE OF GIANT CELL TUMOUR

Krishnakumar RAMACHANDRAN NAIR, T.S. GOPAKUMAR (India)

16538 GIANT CHONDROBLASTOMA OF BONES: REPORT OF THREE CASES AND REVIEW OF LITERATURE

S. VIDYADHARA, S. PANDIAN, James GNANADOSS (India)

16566 OUR EXPERIENCE OF BONE CYSTS TREATMENT

Ludmila PASHKEVICH, Ihar SHPILEUSKI, Natalia GOLUTVINA (Belarus)

17255 BENIGN AGGRESSIVE AND MALIGNANT OSSEUS TUMOURS AROUND KNEE: OUR EXPERIENCE OF VARIOUS MODALITIES OF TREATMENT

Zile Singh KUNDU, S.S. SANGWAN (India)

17533 A CASE OF SOLITARY FIBROUS TUMOUR DEVELOPING AT THE NAIL BED OF THE INDEX FINGER

Haruhisa MARUYAMA, Hiromoto ITO, Hideki NISHIKAWA (Japan)

17539 TUMOURS OF BONES AMONG TANZANIANS

Christina Anthony LYIMU, Alfred C.T. KANGOLLE, Steven MAHENDEKA (Tanzania)

17553 THE TRENDS OF TUMOURS OF BONE AND JOINTS IN EARLY 2000s AT OCEAN ROAD CANCER INSTITUTE

Alfred C.T. KANGOLLE, Steven MAHENDEKA, Christina Anthony LYIMU (Tanzania)

17581 TUMOURS OF BONES AND JOINTS AMONG TANZANIANS: A COMPARISON BETWEEN EARLY AND MID 2000s

Alfred C.T. KANGOLLE, Christina Anthony LYIMU, Steven MAHENDEKA (Tanzania)

18038 PROXIMAL TIBIAL EWING'S SARCOMA IN 4-YEAR-OLD - MULTIDISCIPLINARY APPROACH WITH 6-YEAR FOLLOW-UP

Murali Krishna SAYANA, Marie NOONAN, Ingrid RADOVINOVIC, Patrick KIELY, Brian HURSON, David MOORE (Ireland)

18760 INTRAOSSEOUS LIPOMA PROXIMAL TIBIA IN A RHEUMATOID PATIENT

Ala El-Din ABBAS, Enrique SAAVEDRA, Susana WYLES (United Kingdom)

10:30-11:00 *Break / Poster Discussion*

11:00-12:15 **Free Papers – Tumours: Primary Tumour & Limb Salvage**

Moderators: Shoichi KOKUBUN (Japan) & Shekhar KUMTA (Hong Kong)

16100 PATHOLOGICAL FRACTURES OF THE PROXIMAL FEMUR - A CONTRAINDICATION FOR LIMB SALVAGE SURGERY WITH MEGAPROSTHESIS?

Saravanan ARUMUGAM, Viktor VOLOSHIN, Vladimir SOKOLOVSKIY, Vladimir ZUBIKOV, Mammed ALIEV (Russian Federation)

- 16675 TREATMENT OF MALIGN TUMOURS OF THE PROXIMAL FEMUR WITH REVISION PROSTHESIS**
Catalin CIRSTOIU, Dan POPESCU, Razvan ENE, George CIRCOTA, Corina BADICEANU (Romania)
- 16774 DIAGNOSTICS AND LIMB SALVAGE OPERATIONS AT TUMOURS OF A KNEE JOINT**
Ludmila PASHKEVICH, Iosif VORONOVICH, Natalia GOLUTVINA (Belarus)
- 17579 DIFFERENT SURGICAL TREATMENT METHODS FOR METASTATIC FRACTURES OF THE FEMUR**
Manfred GREITBAUER, Kambiz SARAHRUDI, Vilmos VÉCSEI (Austria)
- 17843 UNIPOLAR HIP REPLACEMENT IN PROXIMAL FEMORAL ENDOPROSTHETIC REPLACEMENTS - NOT GOOD FOR YOUNG PATIENTS?**
C.R. CHANDRASEKAR (United Kingdom)
- 17846 REVIEW OF MONOPOLAR PROXIMAL FEMORAL ENDOPROSTHESES**
C.R. CHANDRASEKAR (United Kingdom)
- 18157 MODULAR PROSTHETIC RECONSTRUCTION AFTER TUMOUR RESECTION OF THE DISTAL HUMERUS**
Philipp FUNOVICS, Reini SCHUH, Jochen HOFSTAETTER, Martin DOMINKUS, Rainer KOTZ (Austria)
- 18691 PROSTHETIC RECONSTRUCTION IN LIMB SALVAGE SURGERY OF THE LOWER LIMB: PRELIMINARY RESULTS OF A NEW MODULAR SYSTEM**
Rodolfo CAPANNA, Domenico Andrea CAMPANACCI, Leonardo LATELLA, Pietro DE BIASE, Giovanni BELTRAMI, Guido SCOCCIANTI, Marco MUGNAINI (Italy)

12:15-13:00 **Plenary Lecture in Theatre 1**

13:00-14:00 **Lunch**

14:00-15:30 **Free Papers – Tumours: Outcome After Primary Tumour Resection**

Moderators: Rainer KOTZ (Austria) & Wai Yip HO (Hong Kong)

- 15445 EXPERIMENTAL MRSA OSTEOMYELITIS TREATMENT BY A BIODEGRADABLE POLYLACTIDE SYSTEM RELEASING LINEZOLID**
Nicolas EFSTATHOPOULOS, Vassilios NIKOLAOU, Panagiotis TSIOLIS, Ioannis LAZARETTOS, Thomas TSAGANOS, Pantelis KOUTOUKAS, Konstatina FRANGIA, Evangellos GIAMARELLOS-BOURBOULIS (Greece)
- 15643 ROLE OF THE FIXION NAIL IN PATHOLOGICAL HUMERAL SHAFT FRACTURES**
Anil KHANNA, Arun KHANNA, Angus WALLACE, Ravi INDLURU (United Kingdom)
- 16344 A COMPARATIVE STUDY OF EFFICACY OF CURETTAGE AND BONE GRAFTING WITH ENBLOCK RESECTION AND RECONSTRUCTION IN GIANT CELL TUMOUR OF BONE**
Dariush GOURAN SAVADKOOHI, Mohammad GOURAN SAVADKOOHI, Ali Reza AMIN JAVAHERI, Mostafa SHAREZAI (Iran)
- 16517 EVALUATION OF FINAL OUTCOMES OF PATIENTS WITH OSTEOSARCOMA AFTER SURGICAL TREATMENT**
Turgay ER, Sarper GURSU, Kerem AYDIN, Timur YILDIRIM, Bilal DEMIR, Vedat SAHIN (Turkey)
- 17062 WHAT INFLUENCES THE OUTCOME AFTER PERIACETABULAR TUMOUR RESECTION?**
Parag JAISWAL, Will ASTON, Rob GRIMER, Saket TIBREWAL, A. ABUDU, Simon CARTER, Gordon BLUNN, Tim BRIGGS, Steve CANNON (United Kingdom)
- 17522 PELVIC RECONSTRUCTION AFTER RESECTION OF PERIACETABULAR TUMOURS WITH PUGET'S TECHNIC**
Aurélien POURCEL, Jean-Michel LAFFOSSE, Jean-Louis TRICOIRE, François MOLINIER, Philippe CHIRON, Jean PUGET (France)

- 18652 RADIO-HYPERTHERMO-CHEMOTHERAPY FOR SOFT TISSUE SARCOMAS**
Yasushi MATSUSHITA, Satoshi YAMADA, Otani MASAHUMI, Takanobu OTSUKA (Japan)
- 18656 SURGICAL OUTCOME OF GIANT CELL TUMOUR OF BONE**
Takatoshi OHNO, Koji OSHIMA, Katsuji SHIMIZU, Yutaka NISHIMOTO (Japan)
- 18661 SOFT TISSUE SARCOMAS - RESULTS OF WIDE EXCISION AND ROLE ADJUVANT THERAPY**
Zile Singh KUNDU, S.S. SANGWAN (India)
- 18714 GIANT CELL TUMOURS - A CLINICAL STUDY**
Aftab IRAQI, Wajahat ASHRAF (India)

15:30-17:00 *Closing Ceremony in Theatre 1*

09:00-10:30 SICOT / 5th International Clubfoot Congress

Session 5: Soft Tissue Releases and Outcome

Moderator: George THOMPSON (United States)

- 19245 EXTENSIVE SOFT TISSUE RELEASE IN IDIOPATHIC CONGENITAL CLUBFOOT. CORRELATION BETWEEN RADIOLOGICAL AND FUNCTIONAL OUTCOMES**
In Ho CHOI, Won Joon YOO, Young Kyun LEE, Tae-Joon CHO, Chin Youb CHUNG, Wan Lim KIM, Duk Yong LEE (Korea)
- 19246 MODIFIED POSTEROMEDIAL RELEASE IN INFANTS CLUBFOOT SURGERY: PERSONAL EXPERIENCE IN 142 CASES**
Irina J. KLYCHKOVA (Russian Federation)
- 19247 RELEASING SOFT TISSUE FOR CONGENITAL CLUBFOOT IN CHILDREN UNDER 24 MONTHS OF AGE**
Ngoc Hung NGUYEN (Vietnam)
- 19248 THE ATHLETIC ABILITY IN CONGENITAL CLUBFOOT PATIENTS AT SCHOOL AGE**
Tomonori KENMOKU, Makoto KAMEGAYA, Takashi SAISU, Kazuhisa TAKAHASHI (Japan)
- 19249 SELECTIVE SOFT TISSUE RELEASE FOR RESIDUAL DEFORMITY AFTER CONSERVATIVE TREATMENT OF IDIOPATHIC CLUBFOOT**
Soo-Sung PARK, Bong-Sung JUNG, Ji-Yong AHN, Ho-Seung LEE (Korea)
- 19250 GAIT ANALYSIS OF CHILDREN TREATED NON-OPERATIVELY FOR CLUBFOOT: PHYSICAL THERAPY VS PONSETI CASTING**
Lori A. KAROL, Ron EL-HAWARY, Kelly JEANS (United States)

Discussion

- 19251 EVALUATION OF DYNAMIC FOOT PRESSURES AND FOOT AND ANKLE KINEMATICS TWENTY-ONE YEARS FOLLOWING OPERATIVELY TREATED CLUBFOOT**
Peter Alan SMITH, A. GRAFT, S. HASSANI, A. FLANAGAN, A. CAUDILL, J. KRZAK, J. LONG, Ken KUO, G. HARRIS (United States)
- 19252 TWENTY-ONE YEAR FOLLOW-UP OF ADULTS AFTER COMPREHENSIVE SOFT-TISSUE RELEASE FOR CLUBFOOT DEFORMITY**
Ken N. KUO, G.F. HARRIS, J. LONG, J. KRZAK, A. CAUDILL, A. FLANAGAN, A. GRAF, S. HASSANI (United States)
- 19253 FUNCTIONAL OUTCOME OF CLUBFOOT TREATED BY SURGICAL RELEASE**
Michael Kai Tsun TO, Y.H. LI, Wang CHOW (Hong Kong)
- 18055 OUTCOME AFTER REPEATED SOFT TISSUE RELEASE IN POSTOPERATIVE RECURRENCE OF IDIOPATHIC CONGENITAL TALIPES EQUINOVARUS**
Philippe WICART, Mahtab MEHRAFSHAN, Raphael SERINGE (France)
- 19271 INITIAL MANAGEMENT OF CONGENITAL CLUBFOOT: FROM THE REGIMEN OF AN INDIVIDUAL SURGEON TO THE CAMPAIGN OF PUBLIC HEALTHCARE IN MAINLAND CHINA**
Li ZHAO¹, Ruixue MA¹, Qing DU¹, Shao-chuan PAN¹, Shi-jun JI¹, Jian-ping YANG¹, Jose MORCUENDE², Matthew DOBBS², Xin-le WU¹, Zhen-ting LIU¹, Yan-zhou WANG¹, Zhen-sheng MA¹
¹(China), ²(United States)

Discussion

10:30-11:00 *Break / Poster Discussion*

Session 6: Additional Procedures

Moderator: Jack CHENG (Hong Kong)

- 17198 SPLIT TIBIALIS ANTERIOR TRANSFER IN RELAPSED CLUBFOOT**
Hardas SANDHU, Parvinder SANDHU (India)
- 19255 TIBIALIS ANTERIOR TENDON TRANSFER (TATT) AFTER CLUBFOOT SURGERY**
George H. THOMPSON, H.A. HOYEN, T. BARTHEL (United States)
- 19256 LONG-TERM RESULTS OF ANTERIOR TIBIALIS TRANSFER IN IDIOPATHIC CLUBFEET: A FIFTY-YEAR FOLLOW UP STUDY**
Jose A. MORCUENDE, David E. OJI, Matthew LOVELL, Lori DOLAN, John YACK, Smita RAO (United States)
- 19257 THE PROGNOSTIC VALUE OF THE NAVICULA IN FAILED SURGICAL MANAGEMENT OF CLUBFOOT DEFORMITY**
Norman Y. OTSUKA, Tae Y. YANG, Anna V. CUOMO, Alaaeldin A. AHMAD (United States)
- 19258 THE ROLE OF METATARSAL OSTEOTOMIES FOR CLUBFOOT TREATMENT OF THE OLDER CHILD**
Azriel BENAROYA¹, Robert FRIDMAN¹, Ram PRABHOO², Rajesh ROHIRA², Henri BENSACHEL³
¹(United States), ²(India), ³(France)

Discussion

- 19259 CORRECTION OF STIFF CLUBFOOT DEFORMITY WITHOUT OSTEOTOMY OR SOFT TISSUE RELEASE USING ILIZAROV EXTERNAL FIXATOR**
Aik SAW (Malaysia)
- 19260 COMPLICATIONS IN CLUBFOOT TREATED WITH JESS DIFFERENTIAL DISTRACTION**
Azriel BENAROYA¹, Robert FRIDMAN¹, Ram PRABHOO², Rajesh ROHIRA², Henri BENSACHEL³
¹(United States), ²(India), ³(France)
- 19261 MANAGEMENT OF NEGLECTED CLUBFOOT BY ILIZAROV TECHNIQUE BASED ON PONSETI PRINCIPLES**
Ramavtar AGRAWAL (India)
- 19262 EXTERNAL MINI-FRAME FOR CONGENITAL TALIPES EQUINOVARUS IN INFANT**
Hanlin WANG (China)

Discussion & Conclusion Remark

12:15-13:00 **Plenary Lecture in Theatre 1**

13:00-14:00 **Lunch**

15:30-17:00 **Closing Ceremony in Theatre 1**

Posters

Room 401

SIROT Posters

The following posters are displayed only on Sunday, 24 August 2008 from 08:00 to 18:00.

- 15558 AN ANALYSIS OF PROXIMAL FEMORAL GEOMETRY IN PATIENTS WITH HIP FRACTURE**
Sameer MOHAMED, R. SELVARAJ, Mayil Vahanan NATARAJAN (India)
- 15569 PIGMENTED VILLONODULAR SYNOVITIS - AN UNUSUAL COMPLICATION OF OXFORD UNICOMPARTMENTAL KNEE REPLACEMENT LEADING TO FAILURE AND REVISION**
Nemandra SANDIFORD (United Kingdom)
- 15570 THE BIRMINGHAM MIDHEAD RESURFACING ARTHROPLASTY: INDICATIONS FOR ITS USE AND SHORT-TERM OUTCOME**
Chindu KABIR, Nemandra SANDIFORD, Chirag PATEL, Sarah MUIRHEAD-ALLWOOD (United Kingdom)
- 15755 THE GRAFT HAS FALLEN TO THE FLOOR!!**
Federico FERNANDEZ-PALAZZI (Venezuela)
- 15959 TREATMENT OF PERSISTENT EXTRAARTICULAR INFECTION USING A TEMPORARY CEMENT SPACER ON THE TIBIA AFTER ACL RECONSTRUCTION**
Kwang-Am JUNG, Seung-Hyun HWANG, Jong-Youl LEE, Il-Soon YANG, Su Chan LEE (Korea)
- 15976 THE ASSOCIATION OF RADIOLOGY AND PAAF FOR DIAGNOSING MYELOMAS**
Manuel GONZALEZ GAITANO, Maricarmen MARTIN CORRIENTE, C. Nieves HERNANDEZ DE LEON, Maria Candelaria GARCIA CASTRO, Mario Ulises HERRERA, Maria PORRAS SANCHEZ (Spain)
- 15980 INTERNAL LENGTHENING DEVICE FOR BONE LENGTHENING IN SKELETALLY IMMATURE PATIENTS**
Khaled EMARA, Anas HAROON (Egypt)
- 16258 PERIOPERATIVE HEMORRHAGE AND TRANSFUSION IN ORTHOPEDIC ONCOLOGY**
Samuel Eyesan UWALE, O.K. IDOWU, Obiageli NNODU, F.B. ABDULKAREEM (Nigeria)
- 16274 A NOVEL TECHNIQUE IN APPLYING SKELETAL TRACTION FOR LONG BONE FRACTURES**
Hesham AL-KHATEEB, Tim PECKHAM (United Kingdom)
- 16320 IMPLANT ORTHOPAEDICS SURGERY IN HIV ASSYMPTOMATIC CARRIERS: MANAGEMENT AND INFECTION RISK**
Jean BAHEBECK, Maurice SOSSO, Thompson KINGUE (Cameroon)
- 16605 REVISION OF INFECTED TOTAL HIP OR KNEE ARTHROPLASTY**
Stefan CRISTEA, Cristiana CRISTEA, Andrei PRUNDEANU, Florin GROSEANU, Gheorghe PANAIT (Romania)
- 16673 THE BENEFITS OF ENDOPROSTHESIS BY RESURFACING METHOD**
Catalin CIRSTOIU, Dan POPESCU, Razvan ENE, George CIRCOTA, Corina BADICEANU (Romania)
- 16692 NO EFFECT OF WET ETCHING OR PLASMA CLEANING GRIT BLASTED TITANIUM IMPLANTS ON MECHANICAL FIXATION AND OSSEOINTEGRATION**
Mikkel Sakso MORTENSEN, Stig Storgaard JAKOBSEN, Henrik SAKSO, Jorgen BAAS, Thomas JAKOBSEN, Kjeld SOBALLE (Denmark)
- 16704 TWENTY-THREE CASES OF SEPTIC SPONDYLITIS**
Sathishkumar BALASUBRAMANIAN (Germany)
- 16747 LOCKED VS. UNLOCKED PLATE OSTEOSYNTHESIS OF THE PROXIMAL HUMERUS - A**

BIOMECHANICAL STUDY

Noureddine BAHRI, Klaus SEIDE, Maximilian FASCHINGBAUER, Arndt-Peter SCHULTZ, Christian JÜRGENS, Martin WURM (Germany)

- 16749 CLINICAL USE OF CONCENTRATED AUTOLOGOUS BONE MARROW ASPIRATE TRANSPLANTATION (CABMAT) FOR A NONUNION**
Tomokazu YOSHIOKA, Hajime MISHIMA, Shinsuke SAKAI, Hiroshi AKAOGI, Tomoo ISHII, Naoyuki OCHIAI (Japan)
- 16824 BIOMECHANICAL AND SKELETAL MECHANICAL EVALUATION OF FORCES AROUND SHOULDER JOINT USING A NEWLY DESIGNED SHOULDER HEMIPROSTHESIS**
Amitava Narayan MUKHERJEE (India)
- 16846 TOTAL HIP ARTHROPLASTY USING CYLINDRICAL CEMENTLESS STEM IN JAPANESE PATIENTS**
Yoshihide NAKAMURA, Hiromasa MITSUI, Akira KIKUCHI, Satoshi TOH, Hiroshi KATANNO (Japan)
- 16884 BIODEGRADABLE FILMS IN TRAUMA AND ORTHOPEDIC SURGERY**
Noureddine BAHRI, Christian JÜRGENS, Arndt-Peter SCHULTZ, Maximilian FASCHINGBAUER, Klaus SEIDE (Germany)
- 16916 IMMUNOHISTOCHEMICAL ANALYSES OF BETA-CATENIN AND CYCLIN D1 EXPRESSION IN GIANT CELL TUMOUR OF BONE (GCTB): A POSSIBLE ROLE OF WNT PATHWAY IN GCTB TUMORIGENESIS**
Shohei MATSUBAYASHI, Masahiro NAKASHIMA, Kenji KUMAGAYA, Tomayoshi HAYASHI, Ichiro SEKINE, Hiroyuki SHINDO (Japan)
- 16941 OUR FIRST EXPERIENCE WITH THE PROXIMA DEPUY SURGERY**
Petra HAMRIKOVA, Dalibor DURDA, Radomir JODAS (Czech Republic)
- 16971 PROSPECTIVE ANALYSIS OF LEAKING POSTOPERATIVE WOUNDS IN HIP AND KNEE REPLACEMENT: EFFECTIVE MANAGEMENT**
Umesh NAGARE, Avinash JOSHI, Almunir YOUSEF (United Kingdom)
- 17021 GIANT CELL TUMOUR OF POSTERIOR CRUCIATE LIGAMENT (PCL)**
Serdar TOKER, Bulent AKSOY, Erden ERTURER, Faik SECKIN, Burak SENER (Turkey)
- 17050 INFLUENCE OF IMPLANT DESIGN ON METAL WEAR AND BIOLOGICAL RESPONSE FOLLOWING RESURFACING ARTHROPLASTY**
Rouin AMIRFEYZ, Martin FIGGITT, Chris LIVESEY, Steven EASTAUGH-WARING, Ashley BLOM, Patrick CASE, Gordon BANNISTER, Ian LEARMONTH (United Kingdom)
- 17132 RADIOGRAPHIC STABILITY AND POLYETHYLENE WEAR RATE IN UNIFORM CEMENTLESS TOTAL-HIP-ARTHROPLASTY FOR THE PATIENTS WITH RHEUMATOID ARTHRITIS AND OSTEONECROSIS OF THE FEMORAL HEAD - PROSPECTIVE COMPARISON STUDY FOR 10 YEARS**
Hideo OHNISHI, Hajime UTSUNOMIYA, Hiroshi FUJII, Satoshi OKABE, Hiroshi TSURUKAMI, Toshitaka NAKAMURA, Shinya TANAKA, Soshi UCHIDA (Japan)
- 17162 TUBERCULOSIS OF THE ELBOW: A CLINICO-RADIOLOGICAL CLASSIFICATION WITH PROGNOSTIC IMPLICATIONS**
M.S. DHILLON, Emal WARDAK, Prabhudev PARSAD (India)
- 17228 LATE HEMATOGENOUS INFECTION DUE TO SALMONELLA IN TOTAL HIP REPLACEMENT**
Kálmán TÓTH, Gabor JANOSITZ, Gyula KOVÁCS, Ervin RUDNER, Zoltán F. KISS (Hungary)
- 17232 COMPARING THERMAL PROPERTIES OF OSTEOARTHRITIC AND NORMAL CARTILAGE**
Gellért SOHÁR, Zoltán AIGNER, Kálmán TÓTH, Piroska SZABÓ-RÉVÉSZ, László MÉCS (Hungary)
- 17310 OSTEOARTHRITIS (OA) EMPLOYED BY BIPEDAL RATS**
Haruhito TANAKA (Japan)
- 17399 ULTRASOUND DENSITOMETRY EVALUATION IN POSTMENOPAUSAL WOMEN WITH COLLES' FRACTURE**
Vladyslav POVOROZNYUK, Vladymyr VAYDA (Ukraine)

- 17436 STRONTIUM FORTIFIED CALCIUM COMPOUND STIMULATES OSTEOGENIC FACTORS EXPRESSION AND NEW BONE FORMATION IN LARGE ANIMAL MODEL**
William W LU, Zhaoyang LI, Peter K.Y. CHIU, Wing Moon LAM, Chi Tak WONG, David FANG, Kenneth MC CHEUNG, John CY LEONG, Keith DK LUK (Hong Kong)
- 17474 FEMORAL NECK ANTEVERSION - COMPARATIVE EVALUATION BY CLINICAL, BIPLANE RADIOGRAPHY, CT AND INTRAOPERATIVE (IN SAME SUBJECT) AND DRY FEMORA**
Anil JAIN¹, Aditya Vikram MAHESHWARI²
¹(India), ²(United States)
- 17475 PRELIMINARY RESULTS OF USING THE VIBRATION PLATFORM IN TREATMENT OF OSTEOPOROSIS**
Stefan CRISTEA, Tudor ATASIEI, Dorel BRATU, Vlad PREDESCU, Florin GROSEANU, Andrei PRUNDEANU, Ion MICU (Romania)
- 17517 BOROSILICATE SCAFFOLD FOR TISSUE ENGINEERING**
W.H. HUANG¹, A.H. YAO¹, D.P. WANG¹, H.B. PAN², William W. LU²
¹(China), ²(Hong Kong)
- 17568 TUMOURS OF BONES AND JOINTS AMONG TANZANIANS; ARE THEY INCREASING?**
Alfred C. T. KANGOLLE, Christina Anthony LYIMU (Tanzania)
- 17613 PRIMARY SJOGREN'S SYNDROME WITH RENAL TUBULAR ACIDOSIS MIMICKING SPINAL METASTASIS**
Kook Jin CHUNG, Hoi Soo YOON (Korea)
- 17623 PREDICTION OF SAGITTAL PELVIC ROTATION IN PLAIN PELVIS X-RAY**
P.K. CHAN, X.G. MIAO, W.M. TANG, Peter K.Y. CHIU (Hong Kong)
- 17687 EVALUATION OF ENDOPROSTHETIC REPLACEMENT IN GIANT CELL TUMOURS OF BONE**
Shishir RASTOGI, Shah Alam KHAN, Ashok KUMAR, Manish VARSHNEY (India)
- 17704 SURGICAL CORRECTION OF POSTOPERATIVE HALLUX VARUS DEFORMITY**
E. MIKHNOVICH, Mikhail GERASIMENKO (Belarus)
- 17714 FATE OF ETHYLENE OXIDE STERILIZED ALLOGRAFTS**
Kisan PATOND, J. MALIK (India)
- 17728 10 YEARS OF EXPERIENCE IN SURGICAL TREATMENT OF THE THORACOLUMBAR SPONDYLODISCITIS**
Gheorghe PAVELESCU (Romania)
- 17732 SPINAL SEPSIS AND SURGICAL TREATMENT**
Gheorghe PAVELESCU (Romania)
- 17738 THE SURGICAL TREATMENT OF LIMB LENGTH INEQUALITY, BONE LOSS AND NONUNIONS OF LONG BONES WITH EXTERNAL FIXATOR ILIZAROV**
Gheorghe PAVELESCU (Romania)
- 17772 MODIFICATION OF THE FEMORAL STEM "IMPLANT-S"**
Nikolay ZAGORODNIY, Denis ELKIN, Alexander ILYIN, Andrey MAMONOV, Aram KHACHATRYAN, Andrey KARDANOV (Russian Federation)
- 17939 SACROILIAC JOINT TUBERCULOSIS - A CASE REPORT AND REVIEW OF LITERATURE**
Kiran Kumar SINGISETTI, Deepu BHASKAR, Shyam Sundar SWARNA (United Kingdom)
- 17983 IN VIVO OXIDATION OF RETRIEVED UHMWPE INSERTS WITH GAMMA-RAY AND ETHYLENE OXIDE GAS STERILIZATION IN TOTAL KNEE PROSTHESES**
Mikio IWAMOTO, Sok Chol KIM, Hiroyuki OONISHI, Masayuki KYOMOTO, Masaru UENO, Hironobu OONISHI (Japan)
- 18017 EXPERIMENTAL AND CLINICAL RESEARCH INTO EFFECTIVENESS OF CALCEMIN FOR PROPHYLAXIS AND TREATMENT OF OSTEOPOROSIS**
Vladyslav POVOROZNYUK, Nataliya GRYGORIYEVA (Ukraine)

- 18048 THE ILIZAROV HEXAPOD EXTERNAL FIXATOR FOR DEFORMITY CORRECTION AND FRACTURE REDUCTION**
Noureddine BAHRI, Klaus SEIDE, Philipp INDEN, Uwe SCHÜMANN, Ulf-Joachim GERLACH, Arndt-Peter SCHÜMANN (Germany)
- 18147 "DEAD SPACE" FILLING IN ORTHOPAEDIC OPERATIONS WITH HIGH RISK OF INFECTED COMPLICATIONS**
Gennady KUROPATKIN, Olga SEDOVA, Uri ELTSEV (Russian Federation)
- 18173 PARECOXIB HAS NO LONG-TERM EFFECTS ON FRACTURE HEALING IN RATS**
Panagiotis AKRITPOULOS, Paraskevi PAPAIOANNIDOU, Maria KOTOULA, Ippocrates HATZOKOS, Elias FOTIADIS, Vassiliki MIRTOSU-FIDANI, Afrodite HARITANTI (Greece)
- 18174 FUNCTIONAL AND ONCOLOGICAL OUTCOME IN LYMPHOMA OF BONE TREATED BY LIMB SALVAGE SURGERY AND RECONSTRUCTION WITH CUSTOM PROSTHESIS**
Paraskumar MOHANLAL¹, Mayil Vahanan NATARAJAN², J.C. BOSE²
¹(United Kingdom), ²(India)
- 18182 INCIDENCE OF OSTEOPOROSIS IN MEN**
Liviú IOVANESCU, Dana IOVANESCU (Romania)
- 18194 PLAIN RADIOGRAPH BASED SCREENING TOOL FOR ASSESSMENT OF BONE DENSITY**
Kiran Kumar Vedavyasa ACHARYA, Keerthana PRASAD (India)
- 18203 GRANULOMATOUS OSTEOMYELITIS DUE TO BURKHOLDERIA PSEUDOMALLEI - RESURGENCE AFTER TSUNAMI**
Kiran Kumar Vedavyasa ACHARYA, Vivek PANDEY (India)
- 18209 INTERNAL FIXATION OF FEMUR. FINITE ELEMENT ANALYSIS**
Branko RISTIC, Miodrag BOGOSAVLJEVIC, Vladimir RANKOVIC, Milos KOJIC (Serbia)
- 18302 A METHOD FOR CLASSIFYING THE GRADE OF THE PIVOT SHIFT TEST OF THE KNEE**
David LABBE, Jacques DE GUISE, Julio FERNANDES, Veronique GODBOUT, Nicola HAGEMEISTER, Guy GRIMARD (Canada)
- 18341 A NEW DESIGN SUTURE ANCHOR**
Alan J JOHNSTONE, Saravana Vail KARUPPIAH (United Kingdom)
- 18354 SUTURE STRENGTH AND STIFFNESS IN ORTHOPAEDIC SOFT TISSUE SURGERY**
Ilias BISBINAS, Stylianos VAVALETOSKOS, Theodoros BESLIKAS, Ioannis CHRISTOFORIDIS, Evangelos MAGNISSALIS (Greece)
- 18415 INVESTIGATING THE POTENTIAL ADVANTAGES OF A NEW DESIGN SMALL JOINT ARTHROPLASTY**
Alan J JOHNSTONE, Saravana Vail KARUPPIAH, Duncan SHEPHERD (United Kingdom)
- 18582 EXCESS MORTALITY AFTER HIP FRACTURE AMONG OLDER WOMEN AND MEN: EVIDENCE FROM DATA SEARCHES AND LIFE-TABLE ANALYSES**
Patrick HAENTJENS, Brigitte VELKENIERS, Steven BARETTE (Belgium)
- 18593 RISK OF RENAL FAILURE IN ELDERLY PATIENTS TREATED WITH AINS FOR HIP ARTHRITIS**
Ioana Dana ALEXA, Radu MALANCEA, Ovidiu ALEXA (Romania)
- 18681 AN EXTENDED SPECTRUM BACTERICIDAL TITANIUM DIOXIDE (TiO₂) COATING FOR METALLIC IMPLANTS: IN VITRO EFFECTIVENESS AGAINST MRSA AND MECHANICAL PROPERTIES**
Maximilian HAENLE, Andreas FRITSCHKE, Rainer BADER, Frank HEIDENAU, Wolfram MITTELMEIER, Hans GOLLWITZER (Germany)
- 18772 RHODOTORULA RUBRA AS A CAUSE OF PERSISTENCE OF INFECTED FEMORAL NONUNION IN AN IMMUNE COMPETENT PATIENT: FUNGAL NONUNION IN A LONG BONE!**
Anil ARORA, S. KUMAR, Anil AGARWAL, Apurv MEHRA (India)
- 18774 SEQUEL TO OSTEOMYELITIS VARIOLOSA - A FORGOTTEN ENTITY**
Anil ARORA, S. KUMAR, Anil AGARWAL, Apurv MEHRA (India)

SICOT Best Posters Sessions

The following SICOT posters are displayed from Monday, 25 August to Thursday, 28 August 2008. They should be set up on Monday from 08:00 onwards and taken down on Thursday afternoon after the Closing Ceremony. Authors are invited to present their abstracts during the coffee/tea breaks for two minutes, followed by a two-minute discussion. The schedule is available at the speakers' desk in the registration area.

- 15392 QUALITY OF LIFE IN PATIENTS WITH VARUS GONARTHROSIS TREATED WITH HIGH TIBIAL OSTEOTOMY USING THE CIRCULAR EXTERNAL FIXATOR**
Taner GUNES, Mehmet ERDEM, Bora BOSTAN, Kursad YENIEL, Cengiz SEN (Turkey)
- 15479 COMPLIANCE WITH DEEP VEIN THROMBOSIS PROPHYLAXIS IN PATIENTS UNDERGOING LOWER LIMB ARTHROPLASTY**
Hooman JAFARI, Will EARDLEY, Anthony HUI, Margaret NORMAN, Susan DRYSDALE (United Kingdom)
- 15871 "Z-EFFECT PHENOMENON" IN INTERTROCHANTERIC FRACTURES TREATED WITH A PFN**
Kyung-Jae LEE, Byung-Woo MIN, Kwang-Soon SONG (Korea)
- 15944 THE CHILDREN TRAUMATISM DURING TWO DECADES (TOGLIATTI)**
Dmitriy KOLCHIN, Bahtiar RAHIMOV, Vladimir SHATOHIN, Anatoli GUBA (Russian Federation)
- 15963 LATERAL MENISCUS AND LATERAL FEMORAL CONDYLE CARTILAGE INJURY BY RETAINED CEMENT AFTER MEDIAL UNICONDYLAR KNEE ARTHROPLASTY**
Kwang-Am JUNG, Su-Chan LEE, Moon-Bok SONG, Choon Key LEE, Seung-Hyun HWANG, Duck-Su KIM, Soong-Hyun JUNG (Korea)
- 15974 CEMENT FIXATION USING THE WOOLLEY TIBIA PUNCH IN TOTAL KNEE ARTHROPLASTY**
Kunio YAMADA, Naoya TAKADA, Hiroyuki SUZUKI, Tsunetoshi HATO, Masahiro NISHINO, Kenji KATO, Makoto FUKUTA, Tsukasa IMAIZUMI (Japan)
- 16024 TREATMENT OF AO TYPE C2-C3 FRACTURES OF THE DISTAL END OF THE RADIUS WITH EXTERNAL FIXATION**
Stefanos TSOURVAKAS, Christos ALEXANDROPOULOS, Savas KOURKOUVELAS, Christos POUTSIKAKAS, Athanasios MILONAS, Heleni POLIZOU (Greece)
- 16046 WEAR OF POLYETHYLENE IS LESS IN LATERAL THAN IN MEDIAL UNICOMPARTMENTAL TIBIAL COMPONENTS**
Philippe HERNIGOU, Alexandre POIGNARD, Sebastien ZILBER (France)
- 16077 INTERNAL FIXATION OF CALCANEAL INTRA-ARTICULAR FRACTURES**
Christos ALEXANDROPOULOS, Stefanos TSOURVAKAS, Savas KOURKOUVELAS, Christos POUTSIKAKAS, Nikolaos PAPANIKOLAOU, Konstantinos KESOGLOU (Greece)
- 16078 ANKLE TUBERCULOSIS: A CASE REPORT**
Stefanos TSOURVAKAS, Christos ALEXANDROPOULOS, Konstantinos GOUVALAS, Maria MOUSIA, Georgios SAVIDIS, Evagelia MASTORA (Greece)
- 16079 V-Y PLASTY (TRANQUILLI-LEALI) AS TREATMENT OF FINGER TIP AMPUTATIONS**
Christos ALEXANDROPOULOS, Stefanos TSOURVAKAS, Savas KOURKOUVELAS, George SAVIDIS, Eleni POLIZOU, Evagelia MASTORA (Greece)
- 16080 KNEE REPLACEMENT AFTER FAILED TIBIAL OSTEOTOMY DONE WITH AN OPENING OR A CLOSED WEDGE TECHNIQUE**
Philippe HERNIGOU, Alexandre POIGNARD, Sebastien ZILBER (France)
- 16293 ILOPROST FOR THE TREATMENT OF BONE MARROW EDEMA IN THE HINDFOOT**
Roland MEIZER, Nicolas AIGNER, Elisabeth MEIZER, Spyridon KOTSARIS, Franz LANDSIEDL (Austria)
- 16294 HALLUX VARUS DEFORMITY - TREATMENT WITH DIFFERENT OPERATIVE PROCEDURES**
Roland MEIZER, Nicolas AIGNER, Elisabeth MEIZER, Christian RADDI, Franz LANDSIEDL, Gunther STEINBOECK (Austria)

- 16366 TREATMENT OF A RARE CASE OF INDIVIDUAL ANKLE'S DISLOCATION**
Anastasios HYTAS, Christos LYRTZIS, Elias FOTIADIS, Theodoros SVARNAS, Petros PETRIDIS, Miltos KOIMTZIS (Greece)
- 16542 FEMORAL BOWING DEFORMITY WITH KNEE OSTEOARTHRITIS IN JAPANESE WOMEN: 2D-CT IMAGE ANALYSIS**
Kei SHIMIZU, Harumichi OKA (Japan)
- 16585 DERQUI PROCEDURE FOR THE CHILDREN WITH REDISLOCATED HIPS AFTER SURGERY ON ACCOUNT OF DEVELOPMENTAL DISLOCATION OF HIP**
Xin Hua PAN (China)
- 16621 TRANSVERSE VERTEBRAL FRACTURE IN ANKYLOSED OSTEOPOROTIC SPINE**
Kazuo SAITA, Ooyama MOTOHIKO, Kennichi YAMAMURO, Yuuki IJIMA, Natsuko KUBO, Minoru ENDO (Japan)
- 16793 CORRELATION BETWEEN TIBIAL COMPONENT MALPOSITION IN FRONTAL PLANE AND SURVIVAL OF TOTAL KNEE ARTHROPLASTY**
Vlad GEORGEANU, Lucian GRUIONU (Romania)
- 16801 OPERATIVE MANAGEMENT OF SCAPHOID BONE FRACTURES**
Michal KARLINSKI, Lukasz NAGRABA, Tomasz MITEK, Artur STOLARCZYK, Jaroslaw DESZCZYNSKI, Marcin SIUDA (Poland)
- 16944 NO EFFECT OF ETCHING OR PLASMA CLEANING ON OSSEOINTEGRATION OF POROUS COATED TITANIUM IMPLANTS - A STUDY IN TEN DOGS**
Henrik SAKSO, Thomas JAKOBSEN, Mikkel Sakso MORTENSEN, Jorgen BAAS, Stig Storgaard JAKOBSEN, Kjeld SOBALLE (Denmark)
- 16963 COMPARISON OF MODIFIED LINDGREN-TURAN OPERATION AND PROXIMAL CRESCENTIC OSTEOTOMY COMBINED WITH DISTAL SOFT TISSUE PROCEDURE IN THE TREATMENT OF HALLUX VALGUS**
Bora BOSTAN, Taner GUNES, Mehmet ERDEM, Murat ASCI, Cengiz SEN (Turkey)
- 16966 A NEW MENISCUS REPAIR TECHNIQUE: BUTTERFLY TECHNIQUE**
Taner GUNES, Bora BOSTAN, Mehmet ERDEM, Murat ASCI, Cengiz SEN, Mehmet Halidun KELESTEMUR (Turkey)
- 16967 EVALUATION OF A NEW ARTHROSCOPIC ALL-INSIDE MENISCAL REPAIRING TECHNIQUE**
Taner GUNES, Bora BOSTAN, Mehmet ERDEM, Murat ASCI, Cengiz SEN, Mehmet Halidun KELESTEMUR
- 17051 EFFECTS OF FUSION ANGLE ON FUNCTIONAL RESULTS IN PATIENTS TREATED CONSERVATIVELY FOR FRACTURES OF THE NECK OF THE FIFTH METACARPAL**
Irfan OZTURK, Erden ERTURER, Metin UZUN, Faik SECKIN, Fusun SAHIN, Serdar TOKER, Suner SAHIN (Turkey)
- 17072 MYOPERICYTOMA, PERIVASCULAR SMOOTH MUSCLE TUMOUR OF BONE, PREVIOUSLY CLASSIFIED AS HEMANGIOPERICYTOMA, HISTOPATHOLOGICAL AND IMMUNOHISTOCHEMICAL PROFILE**
Doina Mihaela POP, Cristian STOICA, Mihai POPESCU (Romania)
- 17138 OUTCOMES OF MULTILEVEL ANTERIOR CERVICAL DECOMPRESSION AND STRUT GRAFTING: 10-YEAR FOLLOW-UP**
Hiromichi MISAWA, Mitsuhiko SHIMOGATA, Takahiro TSUTSUMIMOTO, Hiroshi OHTA, Yoshinori KYOH, Mutsuki YUI (Japan)
- 17192 FACTORS AFFECTING FIXATION FAILURE IN TREATMENT OF INTERTROCHANTERIC FRACTURE OF THE FEMUR TREATED WITH DCS**
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