

Combined SICOT/RCOST 2009 Annual Meeting

FINAL PROGRAMME



29 October – 1 November 2009

**Pattaya Exhibition and Convention Hall (PEACH)
Pattaya, Thailand**

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PRE-CONFERENCE COURSE		
	Hall A3	Pattaya 11
09:00-10:00	Lecture Session 1 Lectures	Lecture Session 1 Lectures
10:00-10:30	<i>Coffee break</i>	
10:30-11:30	Revision TKA Symposium	Regional Anaesthesia in Orthopaedic Surgery Symposium
11:30-12:30	Lunch workshop sponsored by American Taiwan	Lunch workshop sponsored by Zimmer
12:30-13:30	High Performance Hip Symposium	Rotator Cuff Problems Symposium
13:30-14:30	Lecture Session 2 Lectures	Lecture Session 2 Lectures
14:30-15:50		Bone Lengthening Symposium
CONFERENCE		
17:30-19:30	Opening Ceremony (Hall A1-A2)	
19:00-20:00	Evening symposium sponsored by MSD (Hall A3)	Welcome Reception (West Foyer)

**Thursday, 29 October 2009
Hall A3**

PRE-CONFERENCE COURSE

09:00-10:00 **Lecture Session 1**

Moderators:

Chumroonkiat LEELASESTAPORN (Thailand)
Polawat WITOOLKOLLACHIT (Thailand)

Lectures

REVISION TKA

Alfred TRIA (United States)

MANAGEMENT OF INFECTED TKA

Alfred TRIA (United States)

**PSEUDOTUMOR IN METAL ON METAL
ARTHROPLASTY**

Derek MCMINN (United Kingdom)

10:00-10:30 *Coffee break*

10:30-11:30 **Revision TKA**

Moderators:

Thana TURAJANE (Thailand)
Tanaphot CHANNOOM (Thailand)

Symposium

SURGICAL PLANNING FOR REVISION TKA

Wallob SAMRANVEDHYA (Thailand)

SURGICAL TECHNIQUE

Alfred TRIA (United States)

HYBRID FIXATION OF PROSTHESIS IN REVISION TKA

Myung Chul LEE (Korea)

MODULARITY IN REVISION TKA

Wolfgang KLAUSER (Germany)

11:30-12:30

Lunch workshop sponsored by American Taiwan

Moderator:

Chomchai VICHITRANANDA-KLEOSAKUL (Thailand)

**KETOROLAC: NEW OPTION IN ACUTE PAIN
MANAGEMENT**

Chutamane SUTHISISANG, Thana TURAJANE (Thailand)

12:30-13:30

High Performance Hip

Moderators:

Sukit SAENGNIPANTHKUL (Thailand)

Keerati CHAREANCHOLVANICH (Thailand)

Symposium

WHAT IS NEW IN POLY TODAY?

Rhys WILLIAMS (United Kingdom)

TRABECULAR METAL IN REVISION HIP SURGERY

Wolfgang KLAUSER (Germany)

HARD BEARING SURFACE

Viroj LARBPAIBULPONG (Thailand)

THE FUTURE OF HIP ARTHROPLASTY

Derek MCMINN (United Kingdom)

13:30-15:30

Lecture Session 2

Lectures

CLINICAL UPDATE IN OSTEOPOROSIS TREATMENT

Serge FERRARI (Switzerland)

**CLINICAL CONTROVERSIES IN OSTEOPOROSIS
TREATMENT**

Erik ERIKSEN (Norway)

**APPLICATION OF STEM CELL FOR DEGENERATIVE
MUSCULOSKELETAL DISEASE**

Peter GHOSH (Australia)

**SURGICAL TREATMENT OF BIFID THUMB IN
CHILDREN**

Hung NGUYEN NGOC (Vietnam)

TREATMENT OF DDH IN TODDLERS

José MORCUENDE (United States)

MIS FOR DISTAL RADIUS FRACTURE

Masahiro TOBE (Japan)

**EARLY-ONSET SCOLIOSIS: WHO SHOULD BE
TREATED SURGICALLY AND WHEN?**

George THOMPSON (United States)

COMBINED RCOST/SICOT 2009 ANNUAL MEETING

17:30-19:30 **Opening Ceremony (Hall A1-A2)**

Keynote lecture

**A TIME FOR THINKING OUT OF THE BOX AND TAKING
NO AS A QUESTION**

Mechai VIRAVAIIDYA (Thailand)

19:00-20:00 **Evening symposium sponsored by MSD**

Moderator:

Pijaya NAGAVAJARA (Thailand)

Welcome and introduction

Pijaya NAGAVAJARA (Thailand)

**EVIDENCE-BASED MEDICINE: ANALGESICS AND
SURGICAL PAIN MANAGEMENT**

Tai Cheh CHIN (Malaysia)

**PERI-OPERATIVE PAIN MANAGEMENT IN KNEE
LIGAMENT (ACL) SURGERY: MANAGING ACUTE PAIN
TO MINIMIZE PERSISTENT PAIN**

João M. ESPREGUEIRA-MENDES (Portugal)

Thursday, 29 October 2009
Pattaya 11

PRE-CONFERENCE COURSE

09:00-10:00 **Lecture Session 1**

Moderator:
Wiwat WAJANAVISIT (Thailand)

Lectures

**THE ROLE OF REGIONAL ANESTHESIA FOR
ORTHOPAEDIC SURGERY IN PATIENT OUTCOME**
Thitima CHINACHOTI (Thailand)

**ANTICOAGULATION THERAPY AND ITS IMPACT ON
REGIONAL ANESTHESIA**
Sratwadee LORSOMRADEE (Thailand)

**PRACTICAL GUIDELINE IN OSTEOARTHRITIS AND
STRUCTURE MODIFICATION**
Burkhard LEEB (Austria)

10:00-10:30 *Coffee break*

10:30-11:30 **Amazing Regional Anaesthesia**

Moderator:
Wiwat WAJANAVISIT (Thailand)

Symposium

**ANAESTHESIA AND ANALGESIA WITHOUT
PARAPLEGIA**
Petchara SUNDARATHITI (Thailand)

**ACCEPTANCE AMONG ORTHOPAEDIC SURGEONS IN
REGIONAL ANAESTHESIA FOR SPINE SURGERY?**
Thanet WATTANAWONG (Thailand)

**LOW BACK AND LEG PAIN RELATED TO K-POINT ON
THE STERNOCLEIDOMASTOID MUSCLE**
Shoichi KOKUBUN (Japan)

11:30-12:30 **Lunch workshop sponsored by Zimmer**

CURRENT CHALLENGES IN REVISION THA AND TKA
Wolfgang KLAUSER (Germany)

12:30-13:30 **Rotator Cuff Problems**

Moderators:
Vatanachai ROJVANIT (Thailand)
Sattaya ROJANASATHIEN (Thailand)

Symposium

EXPERIENCE IN TREATING ROTATOR CUFF PROBLEMS
Y.G. RHEE (Korea)

DUAL ROW ARTHROSCOPIC ROTATOR CUFF REPAIR WITH HEALIX BR AND VERSALOX ANCHORS: ANATOMY AND TECHNIQUE
Steven MEIER (United States)

13:30-14:30 **Lecture Session 2**

Lectures

SHOULDER INSTABILITY: HOW I DO?
Y.G. RHEE (Korea)

PEARL IN ACL RECONSTRUCTION
Pascal CHRISTEL (Saudi Arabia)

INTRAMEDULLARY LENGTHENING NAIL
Rainer BAUMGART (Germany)

14:30-15:50 **Bone Lengthening**

Moderators:
Vajara PHIPOBMONGKOL (Thailand)
Surapong ANURAKLEKHA (Thailand)

Symposium

UNILATERAL FRAME
Carlos SATIZABAL AZUERO (Colombia)

COMPUTERIZED MOTOR DRIVEN SYSTEM FOR BONE TRANSPORT

Rainer BAUMGART (Germany)

RING FIXATOR IN ADULT

Federico SANTOLINI (Italy)

RING FIXATOR IN YOUNG PATIENT

Theodor SLONGO (Switzerland)

COMBINED RCOST/SICOT 2009 ANNUAL MEETING

17:30-19:30

Opening Ceremony (Hall A1-A2)

Keynote lecture

A TIME FOR THINKING OUT OF THE BOX AND TAKING NO AS A QUESTION

Mechai VIRAVAIIDYA (Thailand)

19:00-20:00

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Moderator:

Pijaya NAGAVAJARA (Thailand)

Welcome and introduction

Pijaya NAGAVAJARA (Thailand)

EVIDENCE-BASED MEDICINE: ANALGESICS AND SURGICAL PAIN MANAGEMENT

Tai Cheh CHIN (Malaysia)

PERI-OPERATIVE PAIN MANAGEMENT IN KNEE LIGAMENT (ACL) SURGERY: MANAGING ACUTE PAIN TO MINIMIZE PERSISTENT PAIN

João M. ESPREGUEIRA-MENDES (Portugal)

Programme – Friday, 30 October 2009

	Hall A1	Hall A2	Hall A3	Pattaya 11
08:00-09:30	Arthroplasty: High Performance Knee Symposium	Spine Lectures & Free papers	Trauma: Humerus Lecture & Free papers	Research Lecture & Free papers
09:30-10:00		Trauma Plenary lecture		
10:00-10:30	<i>Coffee break/Poster discussion</i>			
10:30-12:00	Arthroplasty Lecture & Free papers	Spine Lectures & Free papers	Knee Trauma & Knee Osteotomy Lecture & Free papers	Vascularised Composite Tissue Allotransplantation Symposium
12:00-13:30	Lunch workshop sponsored by Servier	Lunch workshop sponsored by Novartis	Lunch workshop sponsored by TRB	Lunch workshop sponsored by MSD
13:30-15:00	Hand Lecture & Free papers	The Evidence Base of Spine Surgery – SICOT/IGASS Symposium	Knee Lecture & Free papers	Infection Free papers
15:00-15:30	<i>Coffee break/Poster discussion</i>			
15:30-17:30	Total Hip Arthroplasty Lectures & Free papers	Spine Lectures & Free papers	Trauma: Ankle Lecture & Free papers	Research: Tissue Engineering Lecture & Free papers

Friday, 30 October 2009
Hall A1

08:00-09:30 **Arthroplasty: High Performance Knee**

Moderators:

Rob NELISSEN (Netherlands)

Viroj KAWINWONGGOWIT (Thailand)

Symposium

22773 CAOS KNEE ARTHROPLASTY

Kang-II KIM (Korea)

22721 BICOMPARTMENT KNEE ARTHROPLASTY

Alfred TRIA (United States)

WHY ALL MOBILE BEARINGS ARE NOT THE SAME

Rhys WILLIAMS (United Kingdom)

ALIGNMENT AND BALANCING WITH NAVIGATOR

Mann Hong TAN (Singapore)

22744 HIGH FLEXION KNEE: CLINICAL OUTCOME AT 5- TO 6-YEAR FOLLOW UP

Aree TANAVALLEE (Thailand)

09:30-10:00 **Trauma (Hall A2)**

Plenary lecture

20315 EVOLUTION OF TRAUMA SURGERY

Suthorn BAVONRATANAVECH (Thailand)

10:00-10:30 *Coffee break/Poster discussion*

10:30-12:00 **Arthroplasty**

Moderators:

James P. WADDELL (Canada)

Pacharapol UDOMKIAT (Thailand)

Lectures

22776 THE ROLE OF CERAMIC TOTAL HIP REPLACEMENT IN THE MANAGEMENT OF HIP ARTHRITIS IN THE YOUNG ADULT

James P. WADDELL (Canada)

NEW BEARING IN TOTAL KNEE ARTHROPLASTY
Rhys WILLIAMS (United Kingdom)

Free papers

- 21828 THIRD-GENERATION CERAMIC-ON-CERAMIC BEARINGS IN REVISION TOTAL HIP ARTHROPLASTY**
Jun-Dong CHANG (Korea)
- 21777 NINE YEARS FOLLOW UP OF 100 CERAMIC ON CERAMIC TOTAL HIP ARTHROPLASTY**
Olivier GUYEN, Christophe CHEVILLOTTE, Vincent PIBAROT, Jean-Paul CARRET, Jacques BEJUI-HUGUES (France)
- 20393 RESULTS OF 144 LARGE METAL-ON-METAL FEMORAL HEAD IN THA**
Patrice MERTL, Omar BOUGHEBRI, Eric HAVET, Antoine GABRION (France)
- 21941 UNCEMENTED CUSTOM FEMORAL COMPONENTS IN PRIMARY TOTAL HIP REPLACEMENT: MEDIUM TERM RESULTS**
Nemandra SANDIFORD, John SKINNER, Sarah MUIRHEAD-ALLWOOD, Chindu KABIR (United Kingdom)
- 20847 TOTAL HIP REPLACEMENT SURGERY UTILIZING THE ECHELON PRIMARY FEMORAL STEM**
James WADDELL, Peter LEWIS, Michael OLSEN, Emil SCHEMITSCH (Canada)
- 20089 SHORT TERM RESULTS OF CEMENTLESS TOTAL HIP ARTHROPLASTY WITH ACCOLADE TMZF FEMORAL STEM**
Hyung-Ku YOON, Chang-Soo AHN, Ki-Sik NAM, Tae-Keun AHN, Dae-Guen SONG (Korea)
- 22325 ADVANTAGES AND DISADVANTAGES OF UNCEMENTED MONOBLOCK CUPS IN CASES WITH ACETABULUM POOR BONE STOCK**
Gennady KUROPATKIN, Olga SEDOVA, Uriy ELTSEV (Russia)

12:00-13:30

Lunch workshop sponsored by Servier

Moderator:

Viroj KAWINWONGGOWIT (Thailand)

FIGHTING OSTEOPOROSIS ON ALL FRONTS: FROM CREATING TO PROTECTING BONES

Serge FERRARI (Switzerland)

13:30-15:00

Hand

Moderators:

Ian LESLIE (United Kingdom)

Somsak LEECHAVENGVONG (Thailand)

Free papers

19840 MANAGEMENT OF NON-DISPLACED ESTABLISHED SCAPHOID NON-UNIONS BY PERCUTANEOUS SCREW FIXATION. SHOULD SUBSTANTIAL GAPS BE BONE GRAFTED?

Mostafa MAHMOUD HASSANEIN, Wael KOPTAN, Omar SOLIMAN, Sherif BAN (Egypt)

21636 ULTRASONOGRAPHIC AND SURGICAL CORRELATION IN DEQUERVAIN'S DISEASE

Anil BHAT, Bhaskaranand KUMAR (India)

21274 THE COMPARISON BETWEEN LIMITED OPEN CARPAL TUNNEL RELEASE USING DIRECT VISION AND TUNNELING TECHNIQUE AND TRADITIONAL OPEN CARPAL TUNNEL RELEASE – A RANDOMIZED CONTROLLED TRIAL STUDY

Sorasak SUPPAPHOL, Preecha PITTAYAWUTWINIT, Patarawan WORATANARAT, Porntip CHATCHAIPUN (Thailand)

22350 PREOPERATIVE PAIN-MANAGEMENT OF CARPAL TUNNEL SYNDROME WITH LASER-ACUPUNCTURE – A PROSPECTIVE RANDOMISED STUDY

Elisabeth MEIZER, Gert PETJE, Gerald ZOECH, Roland MEIZER, Aigner NICOLAS (Austria)

22436 NEEDLE FASCIOTOMY IS SAFE AND PROMISING IN MCP JOINT DUPUYTREN'S DISEASE

P. Nithin UNNIKRISHNAN, Atif MOHAMMED, Daniel HARLE, Mohammed WASEEM, Peter RALTE (United Kingdom)

- 21234 THE MALINGUE PROCEDURE: A NEW PLASTY FOR DUPUYTREN'S CONTRACTURE**
Thomas APARD, Yann SAINT-CAST, Prune ALLIGAND-PERRIN, Pascal BIZOT (France)
- 21402 THE COMPARISON BETWEEN PARATENDINOUS AND CONVENTIONAL TECHNIQUE OF CORTICOSTEROID INJECTION IN TRIGGER DIGITS (IN RAMATHIBODI HOSPITAL)**
Chatupon SOVIRAJ, Sorasak SUPPAPHOL, Patarawan WORATANARAT (Thailand)
- 22412 DISTRACTION APPARATUS FOR TREATMENT OF HOOK FINGER**
Saravanan ARUMUGAM, Valeriy TSAREV, Viktor VOLOSHIN, Vladimir ZUBIKOV, Igor DOROZHKO (Russia)

15:00-15:30 *Coffee break/Poster discussion*

15:30-17:30 **Total Hip Arthroplasty**

Moderators:

Maximilian RUDERT (Germany)
Vachara VILAIRATANA (Thailand)

Lectures

CEMENTLESS FEMORAL STEM FIXATION

Pornpavit SRIPROM (Thailand)

22719 TOTAL HIP ARTHROPLASTY IN DEVELOPMENTAL DYSPLASIA OF THE HIP: THE CRANIAL SOCKET SYSTEM

Maximilian RUDERT, B. HOLZAPFEL (Germany)

Free papers

21160 ANATOMIC-SPECIFIC PROXIMAL FEMORAL ALLOGRAFTS FOR BONE STOCK RECONSTRUCTION IN REVISION HIP ARTHROPLASTY

Julian NUSEM, David MORGAN (Australia)

22388 VIBRATION - GOOD OR BAD FOR THE IMPACTION BONE GRAFTING PROCEDURE?

Stephen BRENNAN, Dermot BRABAZON, John O'BYRNE (Ireland)

- 19910 A PROSPECTIVE STUDY OF HIP REVISION SURGERY USING THE EXETER LONG STEM PROSTHESIS: FUNCTION, SUBSIDENCE AND COMPLICATIONS FOR 57 PATIENTS**
Fahad HOSSAIN, Kiran RANDAWA, Cyril MAUFFREY, Trevor LAWRENCE (United Kingdom)
- 20396 DISTALLY LOCKED STEM FOR COMPLEX FEMORAL REVISION**
Patrice MERTL, Denis VAN DE VELDE (France)
- 20963 AN ANALYSIS OF FACTORS SURROUNDING HIP REVISION SURGERY BETWEEN 2000 TO 2008**
Dushan THAVARAJAH, Bertrand ANNAN, Mohammed SHOAI B (United Kingdom)
- 20718 TOTAL HIP ARTHROPLASTY IN SICKLE CELL DISEASE**
Philippe HERNIGOU, Alexandre POIGNARD (France)
- 21944 CEMENTLESS TOTAL HIP ARTHROPLASTY FOR POST-TRAUMATIC OSTEOARTHRITIS CAUSED BY ACETABULAR FRACTURE COMPARED WITH PRIMARY OSTEOARTHRITIS AND AVASCULAR NECROSIS OF THE HIP**
Woo-Chull CHUNG (Korea)
- 20611 TOTAL HIP ARTHROPLASTY AFTER ACETABULAR FRACTURES**
Andry KAZANTCEV, Sergey PUTYATIN, Maxim ENIKEEV, Atom TER-GRIGORYAN (Russia)
- 20857 TOTAL HIP ARTHROPLASTY WITH BULK FEMORAL HEAD AUTOGRAFT FOR ACETABULAR RECONSTRUCTION IN DEVELOPMENTAL DYSPLASIA OF THE HIP: EIGHT YEAR RESULTS OF A NOVEL TECHNIQUE**
Fernando CLAROS PIZARRO, Simon YOUNG, Jorge BLACUTT, Juan Carlos CRUZ, Rolando MOJICA (Bolivia)
- 21924 TOTAL HIP ARTHROPLASTY AFTER ARTHRODESIS OF THE HIP JOINT**
Ana TORRES, Antonio MURCIA ASENSIO, Jean Michel LAFFOSSE, Antonio MURCIA MAZON (Spain)
- 20051 THE INFLUENCE OF LIMB-LENGTH DISCREPANCY ON FUNCTION, DISLOCATION, PAIN AND ACETABULAR WEAR AFTER BIPOLAR HEMIARTHROPLASTY FOR**

FEMUR NECK FRACTURES IN ELDERLY PATIENTS

Byung-ho YOON, Hyung-Ku YOON, Ju-hwan CHUNG,
Seung-Chul HAN (Korea)

**20392 BENEFITS OF MODULAR NECKS TO RESTOR
FEMORAL OFFSET IN THA**

Patrice MERTL, Jean-François LARDANCHET, Barthelemy
CLAVIER, Benoit BRUNSCHWEILER, Antoine GABRION
(France)

**22435 PREVENTION OF INSTABILITY WITH THE USE OF A
DUAL MOBILITY IMPLANT FOR PRIMARY HIP
ARTHROPLASTY IN PATIENTS AT HIGH RISK FOR
DISLOCATION**

Olivier GUYEN, Vincent PIBAROT, Christophe
CHEVILLOTTE, Julien WEGRZYN, Jacques BEJUI-
HUGUES, Jean-Paul CARRET (France)

17:30-22:00

RCOST Alumni Meeting

Friday, 30 October 2009
Hall A2

08:00-09:30

Spine

Moderators:

Shoichi KOKUBUN (Japan)

Prakit TIENBOON (Thailand)

Lectures

- 22774 ANALYSIS OF PROGNOSTIC FACTORS IN THE RESULTS OF KYPHOPLASTY**
Luis LOPEZ DURAN-STERN (Spain)
- 22771 FENESTRATION FOR LUMBAR SPINAL CANAL STENOSIS**
Tetsuro SATO (Japan)

Free papers

- 19832 DENS FRACTURES IN PATIENTS OVER 65 YEARS OF AGE: ANTERIOR SCREW FIXATION OF THE DENS VS. POSTERIOR FIXATION OF C1-C2**
Jan STULIK, Petr SEBESTA, Jan KRYL, Tomas VYSKOCIL (Czech Republic)
- 20210 LATE ANTERIOR DECOMPRESSION IN SUB- AXIAL CERVICAL SPINAL CORD INJURIES: IS IT A RELEVANT MAJOR DECISION FACTOR FOR EFFECTIVE REHABILITATION OUTCOME?**
Sandeep SHRIVASTAVA (India)
- 22191 EFFECT OF LONG-LEVEL FUSION TO THE ADJACENT SEGMENT DEGENERATION IN ANTERIOR CERVICAL ARTHRODESIS FOR THE DEGENERATIVE CERVICAL DISEASES**
Byeong Yeol CHOI, Kyung-Jin SONG, Su-Kyung LEE, Kyu-Hyung KIM (Korea)
- 21273 MORPHOLOGIC STUDY OF THE CERVICAL SPINE IN THAI POPULATION USING MULTI - DETECTOR COMPUTERIZED TOMOGRAPHY (CT) SCAN**
Kitti AROONJARATTHAM, Wiwat WAJANAVISIT, Patarawan WORATANARAT, Suphaneewan JAOVISIDHA

(Thailand)

21313 ENDOSCOPIC SURGERY FOR THE CERVICAL SPINE DISEASES

Shoji YABUKI, Koji OTANI, Shin-ichi KONNO, Shin-ichi KIKUCHI (Japan)

20805 PERCUTANEOUS VERTEBROPLASTY(PVP): AN EFFECTIVE AND ECONOMICALLY VIABLE PERSPECTIVE FROM A DEVELOPING COUNTRY FOR VERTEBRAL COLLAPSE FRACTURES (VCF'S) OF VARIOUS ETIOLOGIES

Sudeep JAIN (India)

21416 BIOMECHANICS OF MRI-SIGNAL INDUCING BONE CEMENTS FOR VERTEBROPLASTY

Florian WICHLAS, Heidi TRZENSCHIK, Phillipe REUTER, Ulf TEICHGRÄBER, Hermann BAIL (Germany)

22740 POSTERIOR DECOMPRESSION FOR THORACIC OSSIFICATION OF POSTERIOR LONGITUDINAL LIGAMENT

Hiroshi OZAWA, Hiroshi TAKEI, Takui ITO, Toshimi AIZAWA, Takashi KUSAKABE, Eiji ITOI, Tetsuro SATO (Japan)

09:30-10:00

Trauma

Plenary lecture

20315 EVOLUTION OF TRAUMA SURGERY

Suthorn BAVONRATANAVECH (Thailand)

10:00-10:30

Coffee break/Poster discussion

10:30-12:00

Spine

Moderators:

Keith D-K LUK (Hong Kong)

Wichien LAOHACHAROENSOMBAT (Thailand)

Lectures

THE SURGICAL MANAGEMENT BY THE THREE RODS AND WHOLE PEDICLE CONSTRUCT: A SAFE AND EFFECTIVE METHOD FOR THE 3D CORRECTION OF

SEVERE SCOLIOSIS

Vo Van THANH (Vietnam)

- 22723 CLASSIFICATIONS OF ADOLESCENT IDIOPATHIC SCOLIOSIS – HOW GOOD ARE THEY?**
Keith D-K LUK (Hong Kong)
- 22764 STRATEGIC SURGICAL TREATMENT FOR CERVICAL SPINE LESIONS IN RHEUMATOID ARTHRITIS**
Yushin ISHII (Japan)
- 21382 THE EVALUATION OF SHORT FUSION IN IDIOPATHIC SCOLIOSIS**
Wichien LAOHACHAROENSOMBAT, Wiwat WAJANAVISIT, Noratep KULACHOTE, Thanet WATTANAWONG, Chaiwat KRAIWATTANAPONG, Patarawan WORATANARAT (Thailand)
- 22769 THE PATTERN OF CERVICAL DISC PROLAPSED IN THE SOUTH OF IRAQ**
Thamer HAMDAN (Iraq)

Free papers

- 21379 CLINICAL OUTCOME OF POSTERIOR SPINAL FUSION WITH RSS FIXATION FOR ADOLESCENT IDIOPATHIC SCOLIOSIS CURVE MORE THAN 90 DEGREE**
Noratep KULACHOTE, Wichien LAOHACHAROENSOMBAT, Wiwat WAJANAVISIT, Gun KEOROCHANA (Thailand)
- 22282 RESULTS OF ATLANTOAXIAL FUSION FOR REDUCIBLE ATLANTOAXIAL SUBLUXATION IN RHEUMATOID ARTHRITIS**
Yutaka KOIZUMI, Yushin ISHII, Naoki MOROZUMI, Shigetsune MATSUYA, Haruo KANNO (Japan)
- 21270 INCIDENCE OF SPONDYLOLYSIS, SPONDYLOLISTHESIS AND DEGENERATIVE SCOLIOSIS OF THE LUMBAR SPINE IN PATIENTS WITH OSTEOARTHRITIS OF THE HIP**
Tetsuhito OKUDA (Japan)

12:00-13:30

Lunch workshop sponsored by Novartis

Moderator:

Thana TURAJANE (Thailand)

ZOLEDRONIC ACID ONCE YEARLY INFUSION: A STEP FORWARD IN FRACTURE PREVENTION

Erik ERIKSEN¹, Sattaya ROJANASATHIEN²
¹(Norway), ²(Thailand)

13:30-15:00

**The Evidence Base of Spine Surgery
– SICOT/IGASS
(International Group for Advancement in Spinal
Science)**

Moderator:

Cody BÜNGER (Denmark)

Symposium

22733 MANAGEMENT OF PROLAPSE INTERVERTEBRAL DISC – A LITERATURE REVIEW
Harvinder Singh CHHABRA (India)

SPINAL STENOSIS
Ahmet ALANAY (Turkey)

22779 PERCUTANEOUS VERTEBROPLASTY AND KYPHOPLASTY WITH AN EVIDENCE BASED PERSPECTIVE
Efe Levent ARAS, Cody BÜNGER, Leif Hougaard SØRENSEN (Denmark)

FUSION TECHNIQUES! DOES IT MAKE A DIFFERENCE?
Rune HEDLUND (Sweden)

THE NEW PARADIGM, FUSION VERSUS MOTION
Cody BÜNGER (Denmark)

15:00-15:30 *Coffee break/Poster discussion*

15:30-17:30 **Spine**

Moderators:

Katsuji SHIMIZU (Japan)
Wicharn YINGSAKMONGKOL (Thailand)

Lectures

22767 POSTERIOR SPINAL SHORTENING FOR TARDY

**PARALYSIS FOLLOWING VERTEBRAL BODY
COLLAPSE CAUSED BY OSTEOPOROSIS**

Yasuhisa TANAKA, Shoichi KOKUBUN (Japan)

**22717 SAGITTAL PLANE CORRECTION IN SEVERE
KYPHOSIS OF TB SPINE**

Ifran SALEH (Indonesia)

**21074 TWO STAGED (POSTERIOR AND ANTERIOR)
SURGICAL TREATMENT FOR PYOGENIC AND
TUBERCULOTIC SPONDYLITIS**

Katsuji SHIMIZU (Japan)

Free papers

**21364 CLINICAL SIGNIFICANCE OF THE RADIOLUCENT
ZONE AROUND THE PEDICLE SCREWS IN THE
LUMBAR DEGENERATIVE DISEASE**

Il Kwon CHUNG, Kyu Yeol LEE, Lih WANG, Jong Ill KWAK
(Korea)

**22125 MRI STUDY DETERMINING CORD LEVEL AND CORD
OCCUPANCY AT THORACOLUMBAR JUNCTION IN
ACHONDROPLASIA - A PROSPECTIVE STUDY**

Hitesh MODI, Seung-Woo SUH, Jae-Hyuk YANG, Jae-
Young HONG (Korea)

**21562 PATHOANATOMICAL BASIS FOR STRETCH INDUCED
NERVE ROOT INJURY: A REVIEW OF THE
LITERATURE WITH CADAVERIC OBSERVATIONS**

Sameer KITAB (Iraq)

**21855 IN VITRO KINEMATICS STUDY OF HUMAN LUMBAR
FACET JOINTS**

William LU, Wing Kit TANG, Kelvin YEUNG, Keith Dip-Kei
LUK (Hong Kong)

17:30-22:00

RCOST Alumni Meeting

**Friday, 30 October 2009
Hall A3**

08:00-09:30

Trauma: Humerus

Moderators:

Gershon VOLPIN (Israel)

Theerachai APIVATTHAKAKUL (Thailand)

Lecture

22755 MINIMAL INVASIVE FIXATION OF FRACTURES OF THE PROXIMAL HUMERUS

Gershon VOLPIN, Haim SHTARKER (Israel)

Free papers

22308 MANAGEMENT OF PROXIMAL HUMERUS FRACTURES USING SINGLE TINED PROXIMAL HUMERUS T PLATE (FIXED ANGLE)

Rohit LUTHRA, S. PRAKASH, Sharad HARDIKAR (India)

21842 HUMERAL SHAFT FRACTURES TREATED WITH INTERLOCKING NAIL OR DYNAMIC COMPRESSION PLATING – A COMPARATIVE STUDY

Ghanshyam Narayan KHARE, Amit RASTOGI, Shyam Kumar SARAF (India)

21922 INTERLOCKING NAILING A BETTER ANSWER TO HUMERAL SHAFT FRACTURES

Qamrul HODA, Arjun ARJUN SINGH (India)

22321 OPERATIVE TREATMENT OF HUMERAL SHAFT FRACTURES COMPLICATED BY RADIAL NERVE INJURY

Borislav ZLATEV, Asen BALTOV, Nedelcho TZACHEV, Tivchev NIKOLAY, Dian ENCHEV, Andrey IOTOV (Bulgaria)

21544 CLOSED ANTEGRADE HUMERAL NAILING FOR DISTAL-THIRD HUMERAL SHAFT FRACTURE

Banchong MAHAISAVARIYA, Kongkhet RIANSUWAN, Theerawoot THARMVIBOONSRI (Thailand)

21237 RETROGRADE HUMERAL NAILING : A PROSPECTIVE STUDY OF 58 PATIENTS

Florian DUCCELLIER, Thomas APARD, Abdelhafid TALHA,
Patrick CRONIER, Pascal BIZOT (France)

**22083 FUNCTIONAL OUTCOMES OF OPERATIVE
TREATMENT OF DISTAL HUMERUS FRACTURES**
Alexander FROLOV, Nikolay ZAGORODNIY, Alexey
SEMENISTIY, Evgeniy LOMTATIDZE, Sergey NIKITIN
(Russia)

**22531 RETROGRADE HUMERAL NAIL FOR TREATMENT OF
EXTRAARTICULAR DISTAL HUMERAL FRACTURES**
Anish KADAKIA, Sunil PAI, Rahul SINGH, Subhash C.
HALDER (United Kingdom)

09:30-10:00 **Trauma (Hall A2)**

Plenary lecture

20315 EVOLUTION OF TRAUMA SURGERY
Suthorn BAVONRATANAVECH (Thailand)

10:00-10:30 *Coffee break/Poster discussion*

10:30-12:00 **Knee Trauma & Knee Osteotomy**

Moderators:

Thami BENZAKOUR (Morocco)

Winyou RATANACHAI (Thailand)

Lecture

**22758 SURGICAL TREATMENT OF TIBIAL PLATEAU
FRACTURES – LONG-TERM FOLLOW-UP**
Thami BENZAKOUR, Ahmed BENZAKOUR, Abderrazak
HEFTI, Mohamed LEMSEFFER (Morocco)

Free papers

**22206 LCP PLATE, VERSUS CONVENTIONAL T PLATE,
CLINICAL OUTCOME FOR INTERNAL FIXATION OF
PROXIMAL TIBIAL FRACTURES**
Ali BIRJANDI-NEJAD, Mohammad EBRAHIMZADEH (Iran)

**21849 LOW-PROFILE PERI-ARTICULAR LOCKING PLATES IN
THE MANAGEMENT OF TYPE V AND VI TIBIAL
CONDYLE FRACTURES – A CLINICAL STUDY**
Devdatta NEOGI, Kaushal MISHRA, Vivek TRIKHA,

Chandra Shekhar YADAV (India)

22226 MICROFRACTURING OF THE KNEE: THE IMPACT OF SCORES AND RATING SYSTEMS ON THE CLINICAL OUTCOME

Florian KUTSCHA-LISSBERG, Lukas NEGRIN, Christian GAEBLER, Vilmos VECSEI (Austria)

20437 ROLE OF PATELLOPLASTY IN MANAGEMENT OF COMMINUTED FRACTURE OF PATELLA

Gautam CHAKRAVERTY, Unmesh CHAKRAVERTY (India)

20764 A MODIFIED THOMPSON QUADRICEPSPLASTY, FOR EXTENSION CONTRACTURE OF THE KNEE, VARIABLES AND THEIR EFFECTS ON CLINICAL OUTCOMES

Mohammadhosein EBRAHIMZADEH, Ali BIRJAND-NEJAD, Syed Mehdi HOSEINI (Iran)

20789 OPENING WEDGE HIGH TIBIAL OSTEOTOMY WITHOUT BONE GRAFT UP TO 14MM

Hatem G. SAID, Maher ASSAL, Yasser KHALIFA, Mohamed ABDEL HAMEED (Egypt)

22241 EVALUATION OF ARTICULAR CARTILAGE AFTER HIGH TIBIAL OSTEOTOMY USING DELAYED GADOLINIUM ENHANCED MR IMAGING OF CARTILAGE

Takeshi YAMASHITA, Atsuya WATANABE, Shunsuke OCHIAI, Hidenori HONDA, Atsushi HONDA, Tomoaki TOYONE, Yuichi WADA (Japan)

20357 TREATMENT OF RECURRENT VARUS GONARTHROSIS BY REPEATED PROXIMAL TIBIAL VALGUS OSTEOTOMY

Chanchit SANGKAEW, Peerachai DUMRONGWANICH (Thailand)

12:00-13:30

Lunch workshop sponsored by TRB

Moderator:

Saranatra WAIKAKUL (Thailand)

NEW INSIGHT IN OSTEOARTHRITIS

Burkhard LEEB¹, Johanne Martel PELLETIER², Jean-Pierre PELLETIER², Sukit SAENGNIPANTHKUL³

¹(Austria), ²(Canada), ³(Thailand)

13:30-15:00

Knee

Moderators:

Chadwick SMITH (United States)

Chanin LAMSAM (Thailand)

Lecture

- 22596 MEDIAL PATELLO FEMORAL LIGAMENT – FRIEND OR FOE?**
Chadwick SMITH (United States)

Free papers

- 21942 PATELLOFEMORAL INSTABILITY TREATMENT WITH MEDIAL PATELLOFEMORAL LIGAMENT RECONSTRUCTION USING A SEMITENDINOSUS TENDON**
Miroslav HASPL, Denis TRSEK (Croatia)
- 19344 CONTROLLED ACL REMNANT PRESERVATION AND OVERLAY, A NEW TECHNIQUE**
Adil AJUIED, Ponky FIRER (South Africa)
- 22336 FEMORAL TUNNEL-SCREW DIVERSION ANGLE IN ANTERIOR CRUCIATE LIGAMENT FIXATION USING TWO DIFFERENT PORTALS: A COMPARATIVE STUDY**
Vivek PANDEY, P. Sripathi RAO, Kiran KV ACHARYA (India)
- 22585 A NEW SURGICAL INSTRUMENTARIUM FOR ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION**
Robert FREI, M. HANDL, M. HANUS, Tomas TRC (Czech Republic)
- 20233 INTRAOPERATIVE COMPLICATIONS USING THE BIO-TRANSFIX FEMORAL FIXATION IMPLANT IN ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION. ETIOLOGY AND PREVENTION**
Magdi EL-GUINDI, Michail KOKKINAKIS, Alexander ASHMORE (United Kingdom)
- 21681 THE EFFECTS OF THE ANATOMICAL DOUBLE-BUNDLE RECONSTRUCTION OF THE ANTERIOR CRUCIATE LIGAMENT ON THE CONTACT**

CHARACTERISTICS OF THE PATELLO-FEMORAL JOINT

Goro TAJIMA, Takanori IRIUCHISHIMA, Sheila INGHAM, Wei SHEN, Albert VON HOUTEN, Maarten AERTZ, Patorick SMOLIMSKI, Tadashi SHIMAMURA, Freddie FU (Japan)

21741 THE TUNNEL PLACEMENTS IN THE ANATOMICAL DOUBLE BUNDLE ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION

Takanori IRIUCHISHIMA, Goro TAJIMA, Sheila INGHAM, Patrick SMOLINSKI, Takashi HORAGUCHI, Akiyoshi SAITO, Freddie FU (United States)

22108 NATURAL DEVELOPMENT OF THE TIBIAL ACL INSERTION IN RAT KNEE

Megumi NOYAMA, Takashi SOEJIMA, Hidetaka MURAKAMI, Takashi INOUE, Tomonoshin KANAZAWA, Koji NOGUCHI, Michihiro KATOUDA, Kousuke TABUCHI, Kensei NAGATA (Japan)

15:00-15:30 *Coffee break/Poster discussion*

15:30-17:30 **Trauma: Ankle**

Moderators:

Tomas TRC (Czech Republic)
Bavornrit CHUCKPAIWONG (Thailand)

Lecture

22506 NEW SURGICAL PROCEDURE FOR LATERAL INSTABILITY OF ANKLE

Tomas TRC, Milan HANDL (Czech Republic)

Free papers

21980 OUTCOME OF OPERATIVE STABILISATION OF UNSTABLE ANKLE FRACTURES IN PATIENTS AGED OVER EIGHTY YEARS

Peter RALTE, Prakash CHANDRAN, Deepak SHIVARATHRE, Simon PLATT (United Kingdom)

21608 SURGICAL VS. NON-SURGICAL TREATMENT OF SE4 EQUIVALENT ANKLE FRACTURES

Yangguan WU, Edward YANG, Job DORCIL (United

States)

- 22524 ANKLE SYNDESMOTIC INJURY – AN ANATOMIC FIXATION**
Faisal QAMAR, Anish KADAKIA, Bala VENKATESWARAN
(United Kingdom)
- 20974 ANKLE ARTHRODESIS USING AN EXTERNAL FIXATOR – STILL UP TO DATE?**
Gerhard HEINRICHS, Arndt P SCHULZ, Johannes KIENE,
Sebastian HILLBRICHT, Nina BORNINGER, Christian
JÜRGENS (Germany)
- 22405 PERCUTANEUS SCREW FIXATION OF THE DISPLACED CALCANEAL FRACTURE**
Gholam PAJENDA, Vilmos VÉCSEI (Austria)
- 21413 MALUNITED OS CALCIS FRACTURES: TREATMENT BY A COMBINED SALVAGE TECHNIQUE**
Sherif EL GHAZALY (Egypt)
- 21381 LATERAL TRANSMALLEOLAR APPROACH IN TALAR FRACTURES: PRELIMINARY STUDY**
Prune ALLIGAND-PERRIN, Abdelhafid TALHA, Patrick
CRONIER, Jean HEIZMANN, Laurent HUBERT, Pascal
BIZOT (France)
- 21917 METHOD OF TIBIO-CALCANEO-NAVICULO ARTHRODESIS AFTER COMMINUTED FRACTURE AND DISEASES OF THE TALUS**
Chingiz ALIZADEH (Azerbaijan)

17:30-22:00

RCOST Alumni Meeting

Friday, 30 October 2009
Pattaya 11

08:00-09:30

Research

Moderators:

Björn RYDEVIK (Sweden)

Kanyika CHAMNIPRASAS (Thailand)

Lecture

22732 TAILOR-MADE SURGICAL GUIDES FOR ORTHOPEDIC APPLICATIONS

Emmanuel AUDENAERT, Daphne VAN DEN BUSSCHE, Christophe PATTYN, René VERDONK (Belgium)

Free papers

19429 SAW CUT ACCURACY IN KNEE ARTHROPLASTY: AN EXPERIMENTAL CASE CONTROL STUDY

Adil AJUIED, Adrian CARLOS, Paul GIBB, Andrew DAVIES (United Kingdom)

22426 CONTINUOUS MONITORING AND FEED BACK OF PARTIAL WEIGHT BEARING WITH A NEW TELEMETRIC GAIT ANALYSIS DEVICE

Mathias GLEHR, Heimo CLAR, Patrick SADOGLI, Gerd KORISEK, Josef KASTNER, Gerald GRUBER, Reinhard WINDHAGER (Austria)

22334 SERUM IL-6, C-REACTIVE PROTEIN, ERYTHROCYTE SEDIMENTATION RATE, AND KNEE SKIN TEMPERATURE AFTER TOTAL KNEE ARTHROPLASTY

Sittisak HONSAWEK, Aree TANAVALEE, Benjamad DEEPAISARNSAKUL, Manoon SAKDINAKIATTIKOON, Srihatach NGARMUKOS, Pongsak YUKTANANDANA (Thailand)

21615 ELEVATED TEMPERATURE TRENDS AFTER TOTAL KNEE ARTHROPLASTY

Ta-Wei TAI, Chih-Wei CHANG, Chyun-Yu YANG (Taiwan)

21105 DECREASE IN PARTICLE-INDUCED OSTEOLYSIS IN OVARECTOMIZED MICE

Christophe NICH, Arnaud MARCHADIER, Laurent SEDEL,

Hervé PETITE, Moussa HAMADOUCHE (France)

22090 EXPERIMENTAL MODEL OF PARTICLE-INDUCED PERIPROSTHETIC OSTEOLYSIS - MICRO-SCANNER EVALUATION

Christophe NICH, Arnaud MARCHADIER, Laurent SEDEL, Hervé PETITE, Moussa HAMADOUCHE (France)

21587 DECALCIFICATION OF RAT TIBIA ON BENDING STRENGTH AND FAILURE MODE

Hamish SIMPSON, Robert WALLACE (United Kingdom)

09:30-10:00

Trauma (Hall A2)

Plenary lecture

20315 EVOLUTION OF TRAUMA SURGERY

Suthorn BAVONRATANAVECH (Thailand)

10:00-10:30

Coffee break/Poster discussion

10:30-12:00

Vascularised Composite Tissue Allotransplantation

Symposium

HAND TRANSPLANTATION – WORLD EXPERIENCE

Marco LANZETTA (Italy)

22747 VASCULARISED BONE ALLOTRANSPLANTATION

Michael DIEFENBECK, Andreas NERLICH, Gunther O. HOFMANN (Germany)

22748 RISKS OF LONG-TERM IMMUNOSUPPRESSION AND NEW PERSPECTIVES IN VASCULARIZED COMPOSITE TISSUE ALLOTRANSPLANTATION

Frédéric SCHUIND (Belgium)

Present and future indications of CTA - consensus discussion

12:00-13:30

Lunch workshop sponsored by MSD

Moderators:

João ESPREGUEIRA-MENDES (Portugal)

Weerachai KOSUWON (Thailand)

Welcome and introduction

Weerachai KOSUWON (Thailand)

**MINIMIZING THE RISK OF DEVELOPING
CHRONIC PAIN FROM ACUTE INJURIES**

João M. ESPREGUEIRA-MENDES (Portugal)

**ASIA CONSENSUS MEETING ON PAIN MANAGEMENT -
GUIDANCE FOR BETTER COMPLIANCE**

Ester Z. GONZALEZ PENSERGA (Philippines)

**MATCHING PATIENTS TO APPROPRIATE PAIN
THERAPIES - THE POWER STUDY**

Hsiao-Yi LIN (Taiwan)

Concluding remarks

João M. ESPREGUEIRA-MENDES (Portugal)

13:30-15:00

Infection

Moderators:

Syed AWAIS (Pakistan)

Wichien LAOHACHAROENSOMBAT (Thailand)

Free papers

20962 FOOT BONES TUBERCULOSIS

Vijay Kumar KHARIWAL (India)

**21639 SKELETAL TUBERCULOSIS AT LOCAL SITE
FOLLOWING FRACTURE FIXATION WITH IMPLANT**

Apurv MEHRA, Anil ARORA, Sudhir KUMAR, Sunil KINI
(India)

**21444 TREATMENT OF NEUROLOGICAL COMPLICATIONS IN
TUBERCULOSIS OF THE SPINE**

Fazlul HOQUE, Rashiduddin AHMAD, Abdur RAZZAK
(Bangladesh)

**22770 HYDATID DISEASE OF THE CERVICAL SPINE: A
REPORT ON 8 CASES**

Thamer HAMDAN (Iraq)

**21613 OUTCOME OF TWO-STAGE REVISION FOR
PERIPROSTHETIC INFECTION OF TOTAL KNEE
ARTHROPLASTY**

Bernd KUBISTA, David LEWALLEN, Arlen HANSEN,

Douglas OSMON (Austria)

22345 TAUROLIN-GEL FOR DEAD SPACE FILLING IN INFECTED TOTAL JOINT REVISIONS

Gennady KUROPATKIN, Olga SEDOVA, Timur TAZIEV (Russia)

22041 PREVENTION OF STAPHYLOCOCCAL BIOFILM MEDIATED ORTHOPAEDIC IMPLANT INFECTION – A NEW ROLE FOR BETADINE (POVIDONE-IODINE)

Kayode ODUWOLE, Olufunso ONAYEMI, Aaron GLYNN, Paul CONNOLLY, Jim O'GARA, Damian MCCORMACK (Ireland)

21164 ARTHROSCOPIC DIAGNOSIS AND TREATMENT OF SEPTIC ARTHRITIS OF THE HIP

Julian NUSEM, Goefry PLAYFORD (Australia)

21258 LIMB TO LIFE THREATENING DIABETIC FOOT: COMPARATIVE SEMIOLOGY, MANAGEMENT, CASE-AMPUTATION AND CASE-FATALITY RATE IN LOW INCOME COMMUNITIES

Jean BAHEBECK, Maurice SOSSO (Cameroon)

21875 ANTIBIOTIC IMPREGNATED DECALCIFIED BONE MATRIX CHIPS AS LOCAL ANTIBIOTIC DELIVERY VEHICLE IN PYOGENIC OSTEOOMYELITIS - AN EXPERIMENTAL STUDY

Sandeep KUMAR, Shyam Kumar SARAF, Awadesh YADAV (India)

15:00-15:30 *Coffee break/Poster discussion*

15:30-17:30 **Research: Tissue Engineering**

Moderators:

Ulrich NÖTH (Germany)

Amnuay THITHAPANDHA (Thailand)

Lecture

22761 AUTOLOGOUS CHONDROCYTE TRANSPLANTATION WITH COLLAGEN TYPE I HYDROGELS FOR ARTICULAR CARTILAGE REPAIR

Ulrich NÖTH (Germany)

Free papers

- 22493 REPAIR ARTICULAR DEFECT WITH TISSUE-ENGINEERED CARTILAGE – A CLINICAL TRAIL ON HUMAN**
Hwa-Chang LIU, Chih-Hung CHANG (Taiwan)
- 22333 AUGMENTED AUTOLOGOUS CHONDROCYTES IMPLANTATION WITH BONE MARROW MESENCHYMAL STEM CELLS**
Channarong KASEMKIJWATTANA, Suradej HONGENG, Adisak WONGKAJORN SILP, Suraphol KESPRAYURA, Kanda CHAIPINYO, Kosum CHANSIRI (Thailand)
- 22584 CULTIVATED AUTOLOGOUS CHONDROCYTE IMPLANTATION OF THE ANKLE AND KNEE JOINTS**
Robert FREI, M. HANDL, M. HANUS, Tomas TRC (Czech Republic)
- 22286 ASSOCIATION OF IL-6 (-174) G/C GENE POLYMORPHISM WITH KNEE OSTEOARTHRITIS**
Sittisak HONSAWEK, Aree TANAVALEE, Benjamad DEEPAISARNSAKUL, Manoon SAKDINAKIATTIKOON, Pongsak YUKTANANDANA, Vinai PARKPIAN (Thailand)
- 22029 IRAK-4-SPECIFIC SIRNA INHIBITS THE EXPRESSION OF MMPs IN IL-1BETA-INDUCED HUMAN OSTEOARTHRITIC CHONDROCYTES**
Baoding HUANG, Xuenong ZOU, Ming FU, Aishan HE, Puyi SHENG, Xiangwei YUAN, Yan KANG, Zixiong LEI, Zibo YANG, Weiming LIAO (China)
- 21492 THE RELATIONSHIP BETWEEN THE IN VIVO MEASURED STIFFNESS AND THE HISTOLOGICAL STAGE OF DEGENERATION OF HUMAN KNEE ARTICULAR CARTILAGE**
Imre SZERB, László HANGODY, Ibolya MIKÓ (Hungary)
- 21440 REPEATED CYCLES OF INTRA-ARTICULAR SODIUM HYALURONATE (500-730 KDA) IN FAILED CONSERVATIVE TREATMENT OF KNEE OSTEOARTHRITIS: A 54-MONTH FOLLOW-UP**
Thana TURAJANE (Thailand)
- 22054 EFFECTIVENESS OF INJECTABLE HIGH VISCOSITY CROSS-LINKED POLIMER (NOLTREX) FOR TREATMENT OF OA KNEE**

Vadim ZAR, Viktor VOLOSHIN, Dmitry MARTYNOV
(Russia)

22455 INFLUENCE OF RESVERATROL ON INTERLEUKIN 1 β STIMULATED HUMAN SYNOVIOCYTES

Mathias GLEHR, Sonja WALZER, Birgit LOHBERGER,
Florentine FUERST, Gerald GRUBER, Heimo CLAR,
Winfried GRANINGER, Reinhard WINDHAGER (Austria)

21079 NOVEL FACTORS WHICH PROMOTE PROLIFERATION AND CHONDROGENESIS OF ADULT MESENCHYMAL STEM CELLS AND THEIR APPLICATION TO THE TREATMENT OF DEGENERATIVE MUSCULOSKELETAL DISEASES

Peter GHOSH, Angela WU, Susan SHIMMON, Andrew ZANNETTINO, Stan GRONTHOS, Silviu ITESCU
(Australia)

20545 TRANSPLANTATION OF AUTOLOGOUS MESENCHYMAL STEM CELLS (MSC) IN TREATMENT OF NON-UNIONS

Elena SCHEPKINA, Pavel KRUGLIAKOV, Leonid N. SOLOMIN, Andrey ZARITSKY (Russia)

20720 GROWTH PROMOTING IN VITRO EFFECT OF SYNTHETIC CYCLIC RGD-PEPTIDES ON HUMAN OSTEOBLAST-LIKE CELLS ATTACHED TO CANCELLOUS BONE

Peter DIEHL, Wolfram MITTELMEIER, Manfred SCHMITT
(Germany)

17:30-18:30

SICOT General Assembly

Programme – Saturday, 31 October 2009

	Hall A1	Hall A2	Hall A3	Pattaya 11
08:00-09:30	Total Hip Arthroplasty Lecture & Free papers	Ankle Free papers	Paediatrics – SICOT/IFPOS Lecture & Free papers	Trauma: Deformity Correction Symposium
09:30-10:00		Spine Plenary lecture		
10:00-10:30	<i>Coffee break/Poster discussion</i>			
10:30-12:00	Total Hip Arthroplasty Lectures & Free papers	Degenerative Diseases: Spine Lecture & Free papers	Paediatrics – SICOT/IFPOS Lecture & Free papers	Tumour Lecture & Free papers
12:00-13:30	Lunch workshop sponsored by Pfizer	Lunch workshop sponsored by TRB	Lunch workshop sponsored by Medtronic	Lunch workshop sponsored by Smith&Nephew
13:30-15:00	Total Knee Arthroplasty Lecture & Free papers	Trauma Lecture & Free papers	Paediatrics – SICOT/IFPOS Lecture & Free papers	Tumour Lectures & Free papers
15:00-15:30		Paediatrics Plenary lecture		
15:30-16:00	<i>Coffee break/Poster discussion</i>			
16:00-17:30	Total Knee Arthroplasty Lecture & Free papers	Trauma Lecture & Free papers	Paediatrics – SICOT/IFPOS Lecture & Free papers	Residents' Paper Contest (RCOST only)

Saturday, 31 October 2009
Hall A1

08:00-09:30

Total Hip Arthroplasty

Moderators:

Maurice HINSENKAMP (Belgium)

Kris KANCHANAREOK (Thailand)

Lectures

- 21530 THE SAFETY AND EFFICACY OF ROUTINE PERI-OPERATIVE NSAIDS PROPHYLAXIS FOR ECTOPIC BONE FORMATION AFTER HIP REPLACEMENT SURGERY [HIPAID] - A RANDOMISED CLINICAL TRIAL**
Garnet TREGONNING, Marlene FRANSEN (New Zealand)
- 22728 SOFT TISSUE BALANCING IN TOTAL HIP ARTHROPLASTY**
Vassilios BITOUNIS (Greece)

Free papers

- 22433 AN ORIGINAL HIP NAVIGATION SYSTEM TO CONTROL LEG LENGTHENING, OFFSET AND STABILITY WITHOUT THE USE OF THE PELVIC ANTERIOR PLANE**
Olivier GUYEN, Vincent PIBAROT, Sébastien MARTRES, Jacques BEJUI-HUGUES, Jean-Paul CARRET (France)
- 21279 ACCURACY OF ACETABULAR CUP POSITIONING USING IMAGELESS NAVIGATION**
Erik HOHMANN, Michelle TAY, Kevin TETSWORTH (Australia)
- 22557 THR SIMULATOR - THE SOFTWARE FOR GENERATING RADIOGRAPHS OF THR PROSTHESIS**
Chen-Kun LIAW, Tai-Yin WU, Rong-Sen YANG, Chiou-Shann FUH, Sheng-Mou HOU (Taiwan)
- 20921 PREDICTION OF SAGITTAL PELVIC ROTATION ON PLAIN PELVIC RADIOGRAPH: A COMPARISON OF 3 METHODS IN CADAVERIC PELVIS**
Ping Keung CHAN, K.Y. CHIU, X.G. MIAO, H.L. CHEN, W.M. TANG, T.L. CHOI (Hong Kong)

- 19340 PROSPECTIVE STUDY OF RED BLOOD CELL TRANSFUSION FOLLOWING UNILATERAL PRIMARY HIP ARTHROPLASTY USING POST-OPERATIVE AUTOLOGOUS BLOOD SALVAGE**
Alex WONG (United Kingdom)
- 21600 EVALUATION OF SOLUBLE FIBRIN AND D-DIMER IN THE DIAGNOSIS OF VENOUS THROMBOEMBOLISM**
Rui NIIMI, Masahiro HASEGAWA, Sudo AKIHIRO, Dequan SHI, Hiroki WAKABAYASHI, Toshiro YAMAGUCHI, Atsumasa UCHIDA (Japan)
- 21764 A POOLED ANALYSIS OF FOUR PIVOTAL STUDIES OF RIVAROXABAN FOR THE PREVENTION OF VENOUS THROMBOEMBOLISM AFTER ORTHOPAEDIC SURGERY: EFFECT ON SYMPTOMATIC VENOUS THROMBOEMBOLISM AND DEATH, AND BLEEDING**
Alexander TURPIE, Michael LASSEN, Ajay KAKKAR, Bengt ERIKSSON, Frank MISSELWITZ, Tiemo Joerg BANDEL, Martin HOMERING, Torsten WESTERMEIER, Michael GENT (Canada)
- 22263 USE OF THROMBIN FIBRO-SEALANT IN REDUCING BLOOD LOSS IN REVISION TOTAL HIP ARTHROPLASTY**
Shanmugasundaram RAJKUMAR (United Kingdom)

09:30-10:00 **Spine** (*Hall A2*)

Plenary lecture

- 22726 SPINE SURGERIES IN THE AGING SOCIETY**
Shoichi KOKUBUN (Japan)

10:00-10:30 *Coffee break/Poster discussion*

10:30-12:00 **Total Hip Arthroplasty**

Moderators:

Laszlo BUCSI (Hungary)

Wallob SAMRANVEDYA (Thailand)

Lectures

HIP RESURFACING

Derek MCMINN (United Kingdom)

- 19896 MIS THR MINI DIRECT LATERAL APPROACH. MINIMAL OR MINIMALISED PROCEDURE?**
László BUCSI, Ferenc DOBOS (Hungary)

Free papers

- 21796 FEMORAL HEAD VASCULARITY AFTER SURFACE ARTHROPLASTY OF THE HIP**
Arun KANNAN, Rajesh MALHOTRA, Chandrasekhar BAL, Ravi MITTAL, Vijay KUMAR (India)
- 21072 REVISION OF THE WELL FIXED BIRMINGHAM HIP RESURFACING ACETABULAR COMPONENT: RESULTS USING A NOVEL DEVICE**
Nemandra SANDIFORD, Sarah MUIRHEAD-ALLWOOD, John SKINNER, Chindu KABIR (United Kingdom)
- 22447 HIP RESURFACING - BONE CONSERVING SURGERY?**
Stephen BRENNAN, James HARTY, S.K. O'ROURKE (Ireland)
- 21642 ANTERIOR SUPINE INTER MUSCULAR (ASI) APPROACH TO THA**
Jens STÜRUP (Denmark)
- 21928 EARLY RECOVERY AFTER TOTAL HIP ARTHROPLASTY IMPLANTED BY MINI INVASIVE DIRECT ANTERIOR APPROACH: ISOKINETIC AND ISOMETRIC MUSCLE STRENGTH ANALYZE**
Marc JAYANKURA, Alain POTAZNIK, Marine ROTY, Marcel ROOZE, Pascal REMY, Nathalie BILTIAU, Bruno GILLARD, Frédéric SCHUIND (Belgium)
- 22503 COMPARISON OF MINIMAL INVASIVE APPROACHES TO HIP JOINT**
Tomas TRC (Czech Republic)
- 20059 BALANCE IMPROVEMENTS DURING STANCE AND GAIT FOLLOWING TOTAL HIP REPLACEMENT**
Martin MAJEWSKI, Heike Annette BISCHOFF-FERRARI, Walter DICK, John HJ ALLUM (Switzerland)

12:00-13:30

Lunch workshop sponsored by Pfizer

Moderator:

Warat TASSANAWIPAS (Thailand)

NEW INSIGHTS AND EMERGING CONCEPTS OF ANTI-INFLAMMATORY THERAPY ON THE ENTIRE GASTROINTESTINAL TRACT

Udom KACHINTORN (Thailand)

FIBROMYALGIA: FROM ILLUSION TO SOLUTION

Pradit PRATEEPAVANICH (Thailand)

13:30-15:00

Total Knee Arthroplasty

Moderators:

Rob NELISSEN (Netherlands)

Alfred TRIA (United States)

Lecture

PERIPROSTHETIC FRACTURES AFTER KNEE REPLACEMENT

Vilmos VÉCSEI (Austria)

Free papers

20947 POLYAXIAL LOCKED IMPLANTS IN THE TREATMENT OF PERIPROSTHETIC FRACTURES OF THE FEMUR

Gerhard HEINRICHS, Arndt P SCHULZ, Jan MEINERS, Sebastian HILLBRICHT, Benjamin KIENAST, Max FASCHINGBAUER (Germany)

21535 ALLOGRAFT RECONSTRUCTION IN REVISION TKA

Thanainit CHOTANAPHUTI (Thailand)

22155 REVISION WITHIN THE FIRST 5 YEARS AFTER PRIMARY TOTAL KNEE ARTHROPLASTY

Takeshi SHOJI, Yoshinori SODA, Tsuyoshi TAKADA, Takayoshi KAWANISHI, Takahiko TAJIRI, Ko-ichirou NISHIKAWA, Osamu ISHIDA (Japan)

21824 EXTRA-ARTICULAR STRESS FRACTURES OF PROXIMAL TIBIA AND TOTAL KNEE REPLACEMENT

Sharad PRABHAKAR, Mandeep DHILLON (India)

21643 REVISION TOTAL KNEE ARTHROPLASTY: CLINICAL RESULTS AND PATIENTS SATISFACTION

Filippo BONIFORTI, Francesco GIANGRASSO, Francesco GIACCO (Italy)

- 22461 COMPUTER ASSISTED SURGERY: INTEREST ON TKR - PROSPECTIVE AND COMPARATIVE STUDY**
Ana TORRES, Eduardo SOLIS, Antonio MURCIA MAZON (Spain)
- 22411 THE LEARNING CURVE IN USING IMAGE FREE NAVIGATION SYSTEM IN TOTAL KNEE ARTHROPLASTY**
Fahad Siddique HOSSAIN, Faizal RAYAN, Augustine SOLER, Sujith KONAN, Fares HADDAD (United Kingdom)
- 21759 COMPARING RESULTS OF MINIMALLY INVASIVE TOTAL KNEE ARTHROPLASTY PERFORMED WITH AND WITHOUT COMPUTER-ASSISTED NAVIGATION**
Aree TANAVALEE, Sukree KHUMRAK, Thana ROJPORNPRADIT, Satit THIENGWITTAYAPORN, Manoon SAKDINAKIATTIKOON, Srihatach NGARMUKOS (Thailand)
- 21282 ALIGNMENTS OF COMPONENT IN COMPUTER ASSISTED TOTAL KNEE ARTHROPLASTY: EARLY EXPERIENCE**
Punjapol RUJITHARANAWONG, Thanaphot CHANNOOM, Patarawan WORATANARAT (Thailand)
- 21609 THE EFFECTS OF POSTERIOR CRUCIATE LIGAMENT RESECTION IN GAP BALANCING DURING TOTAL KNEE ARTHROPLASTY: CAS MEASUREMENT**
Pruk CHAIYAKIT, Surapoj MEKNAWIN (Thailand)

15:00-15:30

Paediatrics (Hall A2)

Plenary lectures

NONOPERATIVE TREATMENT OF CLUBFEET: WHAT'S THE EVIDENCE?

José MORCUENDE (United States)

22641

PEDIATRIC PELVIC OSTEOTOMIES: INDICATIONS, CONTRAINDICATIONS AND TECHNIQUES

George THOMPSON (United States)

15:30-16:00

Coffee break/Poster discussion

16:00-17:30

Total Knee Arthroplasty

Moderators:

Peter K.Y. CHIU (Hong Kong)

Pornpavit SRIPHIROM (Thailand)

Lecture

- 21457 QUADRICEPS-SPARING, MINIMAL-INCISION TOTAL KNEE ARTHROPLASTY AT 2-YEAR FOLLOW-UP – A COMPARATIVE STUDY**
Ching-Chuan JIANG (Taiwan)

Free papers

- 22264 TOTAL KNEE ARTHROPLASTY WITH AND WITHOUT PATELLA IMPLANT - PRELIMINARY RESULTS**
Ana TORRES, Eduardo SOLIS, Angel TORRES, Antonio MURCIA ASENSIO, Antonio MURCIA MAZON (Spain)
- 20154 CHANGE IN THE LENGTH OF THE PATELLAR TENDON; A METHOD OF ASSESSMENT WHICH CAN BE APPLIED IN PATELLO-FEMORAL JOINT REPLACEMENT**
Richard JONES, Damian CLARK, Vipul MANDALIA, Andrew HUGHES, Steve MITCHELL, Atanu BHATTACHARJEE, Jonathan ELDRIDGE (United Kingdom)
- 20395 FEMORO-PATELLAR PROSTHESIS FOR ISOLATED PATELLO-FEMORAL ARTHRITIS: STUDY OF 60 CONSECUTIVE CASES WITH 10 YEARS FOLLOW-UP**
Patrice MERTL, Barthelemy CLAVIER, Jean-François LARDANCHET, Frederic LEIBER (France)
- 20150 A NEW METHOD OF SETTING ROTATION OF THE FEMORAL COMPONENT IN PATELLO-FEMORAL REPLACEMENT SURGERY; REFERENCING THE MEDIAL MALLEOLUS OF THE ANKLE**
Lucy HARTEN-ASH, Damian CLARK, Neil UPADHYAY, Gordon GILLESPIE, Jonathan ELDRIDGE (United Kingdom)
- 21252 PATELLA RESURFACING DURING TOTAL KNEE REPLACEMENT: HAVE WE GOT THE ISSUE COVERED?**
Nemandra SANDIFORD, Waziri SALAMUT (United Kingdom)
- 21659 PATIENT SPECIFIC TEMPLATING WITH SIGNATURE**

SYSTEM: EARLY EXPERIENCE

Emmanuel THIENPONT, Arnaud DELTOUR, Jean
LOCQUET (Belgium)

**19534 ANTHROPOMETRIC MEASUREMENTS OF KNEE JOINT
IN INDIAN POPULATION: CO-RELATION WITH
CURRENT KNEE ARTHROPLASTY SYSTEMS**

N.S. HARSHAVARDHANA, Vaibhav BAGARIA, Abhay
KUTHE (United Kingdom)

Saturday, 31 October 2009
Hall A2

08:00-09:30

Ankle

Moderators:

Frankie Ka Li LEUNG (Hong Kong)

Dussadee TATTANOND (Thailand)

Free papers

- 21794 MANAGEMENT OF BIMALLEOLAR FRACTURES IN YOUNG ELDERLY AGE GROUP USING MINIMAL INVASIVE TECHNIQUE**
Nitin SAINI, Sunil PRAKASH, Madan HARDIKAR (India)
- 21171 OUTCOMES OF THE MODIFIED-BROSTROM PROCEDURE FOR CHRONIC LATERAL ANKLE INSTABILITY USING SUCHOR ANCHOR-A PROSPECTIVE, RANDOMIZED COMPARISON WITH THE BONE TUNNEL TECHNIQUE**
Byung-Ki CHO, Yong-Min KIM, Hyun-Chul LEE, Seung-Hwan BAE (Korea)
- 21520 ARTHROSCOPIC AND MRI APPEARANCE AND RECONSTRUCTION OF THE ANTERIOR TALOFIBULAR LIGAMENT IN CASES OF APPARENT FUNCTIONAL ANKLE INSTABILITY**
Masato TAKAO, Ken INNAMI, Fumito KOMATSU, Takashi MATSUSHITA (Japan)
- 21223 PERCUTANEOUS REPAIR OF ACUTE ACHILLES TENDON RUPTURE**
Jean-Louis ROUVILLAIN, Thomas NAVARRE, Octavio LABRADA BIANCO, Emmanuel GARRON, Wael DAOUD, Yan COTONEA, Chafiq ZEKHNINI (Martinique)
- 19955 SUTURE ANCHOR REPAIR OF DISTAL TENDOACHILIS RUPTURE IN THE PRESENCE OF HUGOLAND DEFORMITY**
Wael AM NASSAR (Saudi Arabia)
- 21087 TREATMENT OF ACHILLES TENDON RUPTURE: LONG-TERM EVALUATION**
Esmat ELABJER, Gojko BULJAT, Breda GUSTINCIC,

Zelimir SURJAK (Croatia)

22186 ACHILLES TENDINOSIS RUPTURE: RESULTS OF TREATMENT WITH DEBRIDEMENT AND FLEXOR HALLUCIS LONGUS TRANSFER

Piyachart SUTTINARK (Thailand)

21173 CORRECTION OF ANKLE & FOOT DEFORMITIES BY ILIZAROV METHOD

Asadullah MAKHDOOM, Abdullatif QURESCHI, Khaleeqe Ahmed SIDDIQUI (Pakistan)

21939 EARLY RESULTS OF POSTERIOR ANKLE ARTHROSCOPY FOR HINDFOOT IMPINGMENT

Nemandra SANDIFORD, Stefan WEITZEL (United Kingdom)

09:30-10:00

Spine

Plenary lecture

22726 SPINE SURGERIES IN THE AGING SOCIETY

Shoichi KOKUBUN (Japan)

10:00-10:30

Coffee break/Poster discussion

10:30-12:00

Degenerative Diseases: Spine

Moderators:

Kandiah RAVEENDRAN (Malaysia)

Thanut VALLEENUKUL (Thailand)

Lectures

REVISION LUMBAR DISC ARTHROPLASTY

Darrel BRODKE (United States)

REVISION STRATEGIES FOR COMPLEX LUMBAR INSTABILITY AND DEFORMITY

Darrel BRODKE (United States)

Free papers

19854 REFINEMENT OF THE CLINICAL INDICATIONS FOR DYNAMIC NEUTRALISATION SYSTEM FOR THE SPINE FOR THE TREATMENT OF BACKPAIN

Amandeep KHARAY, Fras DAKHIL-JEREW, G. JOSAN, J.A.N. SHEPPERD (United Kingdom)

- 21275 CLINICAL OUTCOME OF LUMBAR DISC HERNIATION IN YOUNG PATIENTS (UP TO 25 YEARS OF AGE)**
Tetsuhito OKUDA (Japan)
- 22300 RECURRENT DISC HERNIATION AND MEDICAL OUTCOMES AFTER PRIMARY LUMBAR DISCECTOMY - MINIMUM FOUR YEARS FOLLOW UP**
Miro GORENSEK, Matevz GORENSEK, Sandro EUSTACCHIO, Martin TRUMMER, Péter VARGA, Milorad VILENDECIC, Darko LEDIC, Emir KAMARI, Oscar YEH, Jacob EINHORN, Greg LAMBRECT (Slovenia)
- 22304 IMPLANTATION OF CULTIVATED ELASTIC CHONDROCYTES AS REPLACEMENT FOR NUCLEUS PULPOSUS**
Miro GORENSEK, Matevz GORENSEK, Kregar-Velikonja NEVENKA (Slovenia)
- 21700 IN-VIVO KINEMATICS OF THE IVD ALLOGRAFT TRANSPLANTATION**
Keith D K LUK, Stephen Ka Lok LAM, Dike RUAN, Yu DING, William LU (Hong Kong)
- 21210 ENDOSCOPY AND PERCUTANEOUS ARTHRODESIS IN RELAPSED DISCAL HERNIAS**
Daniel GASTAMBIDE, Pierre FINIEL, Patrice MOREAU (France)
- 21566 CORRELATION BETWEEN THE NANO-STRUCTURE AND MACRO-MECHANICS OF HUMAN NUCLEUS PULPOSUS**
William W. LU, Darwesh M. K. ALADIN, Kenneth MC CHEUNG, Alfonso HW NGAN, Danny CHAN, Victor YL LEUNG, Chwee Teck LIM, Keith D-K. LUK (China)
- 21346 SELF-ASSEMBLY OF CO-POLYMERIC MEMBRANES ON 3-D POROUS BIODEGRADABLE POLYMERS TO PROMOTE TISSUE-ENGINEERED BONE**
Xuenong ZOU, Muwan CHEN, Dang LE, Jens NYGAARD, Cody BÜNGER (Denmark)

12:00-13:30

Lunch workshop sponsored by TRB

Moderator:

Thana TURAJANE (Thailand)

IA-HA: FROM THE BENCH TO THE BEDSIDE. FROM THE PRECLINICAL TO THE CLINICAL PRACTICE

Peter GHOSH¹ , Saw Khay YONG²

¹(Australia), ²(Malaysia)

13:30-15:00

Trauma

Moderators:

Shantharam SHETTY (India)

Wuttipong CHANPRADAB (Thailand)

Lecture

21882 OSTEOPOROTIC FRACTURES - THE INDIAN SCENARIO

Shantharam SHETTY, Ajith Kumar SHETTY, Kanthi Kiran GANGURI (India)

Free papers

20613 SURGICAL TREATMENT OF PELVIC FRACTURES

Andry KAZANTCEV, Sergey PUTYATIN, Valery GOLUBEV, Maxim ENIKEEV, Atom TER-GRIGORYAN (Russia)

21591 THE RESULTS OF OPERATIVE TREATMENT OF ACETABULAR FRACTURES

Alexey SMIRNOV, Dmytriy PAVLOV, Andrey VOROBYOV, Evgeny MALYSHEV (Russia)

20966 AN AIMING DEVICE FOR PIN FIXATION AT THE ILIAC CREST FOR EXTERNAL FIXATION IN UNSTABLE PELVIC FRACTURE

Saranatra WAIKAKUL (Thailand)

20894 MANAGEMENT OF NEGLECTED ACETABULAR FRACTURES IN INDIAN SCENARIO

Wajahat Jamal ASHRAF (India)

20589 RANDOMISED CONTROLLED TRIAL TO COMPARE THE UNION RATES IN TRAUMATIC FRESH INTRACAPSULAR FEMORAL NECK FRACTURES AFTER OSTEOSYNTHESIS WITH AND WITHOUT PRIMARY VALGUS OSTEOTOMY IN YOUNG ADULTS (20-50 YEARS)

Apurv MEHRA, Anil ARORA, Sudhir KUMAR, Sunil KINI (India)

- 21496 BONE GRAFTING AND INTERNAL FIXATION OF INTRACAPSULAR FEMORAL NECK FRACTURES USING THE WAIS-FIX 100 I DEVICE**
Marc WAISMAN (Israel)
- 21189 THE IMPORTANCE OF EARLY SURGICAL TREATMENT OF GERIATRIC PATIENTS WITH HIP FRACTURES**
Gershon VOLPIN, Haim SHTARKER, Alexander KAUSHANSKI (Israel)
- 21192 THE SECOND HIP FRACTURE IN THE ELDERLY**
Gershon VOLPIN, Bernard GRIMBERG, Tim YACOBI, Haim SHTARKER (Israel)
- 20706 A PROVINCIAL INTEGRATED MODEL TO IMPROVE CARE FOR PATIENTS FOLLOWING HIP FRACTURE**
James WADDELL, Janet LEGGE-MCMULLAN, Rhona MCGLOSSON, Nizar MAHOMED, John FLANNERY (Canada)

15:00-15:30

Paediatrics

Plenary lectures

NONOPERATIVE TREATMENT OF CLUBFEET: WHAT'S THE EVIDENCE?

José MORCUENDE (United States)

22641 PEDIATRIC PELVIC OSTEOTOMIES: INDICATIONS, CONTRAINDICATIONS AND TECHNIQUES

George THOMPSON (United States)

15:30-16:00

Coffee break/Poster discussion

16:00-17:30

Trauma

Moderators:

Dariush GOURAN SAVADKOOHI (Iran)

Chanakarn PHORNPHUTKUL (Thailand)

Lecture

21204 RESULTS OF USING RECONSTRUCTION NAIL IN THE TREATMENT OF FIBROUS DYSPLASIA

Dariush GOURAN SAVADKOOHI, Babak SIAVASHI, Seyyed Alireza AMIN JAVAHERI, Mohammad GOURAN SAVADKOOHI (Iran)

Free papers

- 21620 GOTFRIED PERCUTANEOUS COMPRESSION PLATING COMPARED TO SLIDING HIP SCREW FIXATION OF PERTROCHANTERIC HIP FRACTURES; A PROSPECTIVE RANDOMIZED STUDY**
Edward YANG, Sheeraz QURESHI, Shawn TROKHAN, David JOSEPH (United States)
- 19461 CLINICAL AND EXPERIMENTAL COMPARISON OF EXTERNAL FIXATION DEVICES ON THE BASE OF COMPUTER NAVIGATION**
Leonid N. SOLOMIN, Viktor VILENSKY, Alexander UTEKHIN (Russia)
- 22512 UNLOCKED NAILS A SOLUTION TO DISTAL FEMORAL FRACTURES IN ELDERLY**
Rajeev Rao MADDILA, M. RAMESH, Chacko MANEESH, Joseph Paulose YOGESH (India)
- 21551 SUPINE WITH FLEXED HIP POSITION FOR ANTEGRADE FEMORAL NAILING: AN ALTERNATIVE POSITION FOR OBESE PATIENTS OR PROXIMAL FEMORAL FRACTURES**
Banchong MAHAISAVARIYA, Pairash SAIVIROONPORN, Kongkhet RIANSUWAN, Panupan SONGCHAROEN (Thailand)
- 21091 PLATE AUGMENTATION AND BONE GRAFTING LEAVING NAIL INSITU: TREATMENT OF ASEPTIC NONUNIONS OF FEMUR FOLLOWING INTRAMEDULLARY NAILING**
Avtar SINGH, Rajeev VOHRA (India)
- 20807 EXPANDABLE SELF-LOCKING NAIL IN THE MANAGEMENT OF CLOSED DIAPHYSEAL FRACTURES OF FEMUR AND TIBIA – OUR EXPERIENCE**
Aashish CHAUDHRY, Sudhir K. KAPOOR (India)
- 21870 ROLE OF LCP IN THE MANAGEMENT OF DISTAL FEMORAL FRACTURES – A PROSPECTIVE COMPARATIVE STUDY**
Naveen TAHASILDAR, Vijay GONI, Nirmal RAJ (India)
- 21883 MINIMAL INVASIVE PLATE OSTEOSYNTHESIS – THE INDIAN PERSPECTIVE**
Shantharam SHETTY, Ajith Kumar SHETTY, Kanthi Kiran

GANGURI (India)

**22072 MANAGEMENT OF INFECTED NONUNION FEMORAL
SHAFT AFTER INTRAMEDULLARY NAILING USING
BONE CEMENT WITH ANTIBIOTICS ROD**

Ahmed Naeem ATIYYA, Khalid EMARA, Wail SAMIR,
Mohamed NABIL, El Hussani MOTASSEM (Egypt)

Saturday, 31 October 2009
Hall A3

08:00-09:30

Paediatrics – SICOT/IFPOS
(International Federation of Paediatric
Orthopaedic Societies)

Moderators:

Juan COUTO (Argentina)

Parichart THIABRATANA (Thailand)

Lecture

- 22777 CORRECTION OF STIFF CLUB FOOT DEFORMITY WITH ILIZAROV METHOD**
Saw AIK (Malaysia)

Free papers

- 20498 ARTHRODIASTASIS IN TREATMENT OF LEGG-CALVE'-PERTHES' DISEASE**
Wael A. M. NASSAR, Osama SHATA, Abdelfattah SAOUD, Khaled EMARA, Khaled ABDEL GHAFFAR (Egypt)
- 22028 TRIPLE PELVIC OSTEOTOMYS EFFECT ON INDICATORS OF THE FEMORAL HEADS COVERING AT PERTHES DISEASE**
Oleg SAKALOUSKI, Alexander BELETSKI, Ludmila PASHKEVICH, Andrei DZEMIANTSOU (Belarus)
- 20981 FALSE ACETABULUM OSTEOTOMY FOR NEGLECTED DISLOCATION HIP IN OLDER CHILDREN**
Elsayed MORSI MOHAMED (Egypt)
- 20590 LONG TERM OUTCOME IN CHILDHOOD FEMORAL NECK FRACTURES: THE LESSONS LEARNT**
Sunil KINI, Anil ARORA, Sudhir KUMAR, Apurv MEHRA (India)
- 19951 THE ROLE OF HIP ARTHROSCOPY IN THE TREATMENT OF SEPTIC HIP IN CHILDREN**
Vikas TRIVEDI, Tomonori KENMOKU (India)
- 22207 TIBIA LENGTHENING IN THE CASES OF LIMB LENGTH DISCREPANCY DUE TO SEVERE HIP JOINT**

PATHOLOGY

Pyotr VVEDENSKY, Alexander BOGOSYAN, Irina MUSIHINA, Nikolay TENILIN, Ekaterina DONCHENKO, Konstantin MIKHEEV (Russia)

20259 TIBIAL NON-UNION IN CHILDREN

Gamal HOSNY (Egypt)

09:30-10:00

Spine (Hall A2)

Plenary lecture

22726 SPINE SURGERIES IN THE AGING SOCIETY

Shoichi KOKUBUN (Japan)

10:00-10:30

Coffee break/Poster discussion

10:30-12:00

**Paediatrics – SICOT/IFPOS
(International Federation of Paediatric
Orthopaedic Societies)**

Moderators:

Patricia FUCS (Brazil)

Yuddhasert SIRIRUNGRUANGSARN (Thailand)

Lecture

**22509 LENGHTENNING OF BONE ON AN INTRAMEDULLARY
ROD – 15 YEARS EXPERIENCES**

Tomas TRC (Czech Republic)

Free papers

**21287 CROSS VERSUS LATERAL PINNING IN
SUPRACONDYLAR FRACTURE OF THE HUMERUS IN
CHILDREN: SYSTEMATIC REVIEW AND META-
ANALYSIS**

Chanika ANGSANUNTSUKH, Patarawan WORATANARAT, Sasivimol RATTANASIRI, Ammarin THAKKINSTIAN (Thailand)

**20651 SUPRACONDYLAR HUMERAL FRACTURE IN
CHILDREN: MANAGEMENT BY PERCUTANEOUS
LATERAL-ENTRY PIN FIXATION**

Shahab UD-DIN, Faseeh SHAHAB, Khadim HUSSAIN, Mohammad ISHAQ (Pakistan)

- 21547 LATERAL CONDYLAR PROMINENCE POST CORRECTIVE OSTEOTOMY OF CUBITUS VARUS: A STUDY USING 3-DIMENSIONAL REVERSE ENGINEERING TECHNIQUE**
Banchong MAHAISAVARIYA, Kriskrai SITTHISERIPRATIP (Thailand)
- 21638 LATERAL CONDYLAR FRACTURES OF THE HUMERUS IN CHILDREN - A 13 YEAR FOLLOW UP STUDY**
Sunil KINI, Anil ARORA, Sudhir KUMAR, Apurv MEHRA (India)
- 22258 MANAGEMENT OF PEDIATRIC SCAPHOID NONUNIONS WITH BONE GRAFTING AND INTERNAL FIXATION**
Javier MASQUIJO, Baxter WILLIS (Canada)
- 22636 SURGICAL TREATMENT FOR BIFID THUMB IN CHILDREN**
Ngoc Hung NGUYEN (Vietnam)
- 22452 OUTCOME OF THE SCARF OSTEOTOMY IN ADOLESCENT HALLUX VALGUS**
L. Harvey GEORGE, J. CASALETTO, P Nithin UNNIKRISHNAN, Deepak SHIVARATHRE, Leroy JAMES, Alf BASS, Colin BRUCE (United Kingdom)
- 22022 PRIMARY SURGICAL TREATMENT OF ARTHROGRYPOTIC FOOT: SYSTEMATIC REVIEW AND META-ANALYSIS**
Patricia M. Moraes Barros FUCS, Simone SIMIS, Celso SVARTMAN, Rodrigo Montezuma Cesar de ASSUMPCÃO (Brazil)

12:00-13:30

Lunch workshop sponsored by Medtronic

13:30-15:00

**Paediatrics – SICOT/IFPOS
(International Federation of Paediatric
Orthopaedic Societies)**

Moderators:

Gamal HOSNY (Egypt)

Thammanoon SRISAARN (Thailand)

Lecture

22724 PELVIC SUPPORT OSTEOTOMY
Gamal HOSNY (Egypt)

Free papers

**21667 ASSOCIATION OF SUBTALAR AND
CALCANEONAVICULAR COALITIONS IN THE SAME
FOOT**
Julio Javier MASQUIJO, James JARVIS (Canada)

**22175 COMPARISON OF POSTEROMEDIAL RELEASE AND
COMPLETE SUBTALAR RELEASE IN RESISTANT
CONGENITAL TALIPES EQUINO VARUS: A
RANDOMIZED CONTROLLED TRIAL**
Sumit GUPTA (India)

**22070 THE PONSETI METHOD IN A DISTRICT GENERAL
HOSPITAL? YES WE CAN!**
Juan de Dios ROBINSON (United Kingdom)

**20831 BOTULINUM TOXIN A TREATMENT FOR
OPISTHOTONUS IN CHILDREN WITH CEREBRAL
PALSY**
Makoto RYU (Japan)

**22097 MULTIPLE TENDON RELEASE OF LOWER EXTREMITY
FOR CEREBRAL PALSY PATIENTS**
Mehmet Bulent BALIOGLU, Ozgur KORKMAZ, Mehmet Akif
KAYGUSUZ (Turkey)

**20262 ONE-STAGE RECONSTRUCTION VERSUS FEMORAL
OSTEOTOMY (VDRO) ALONE IN THE TREATMENT OF
HIP SUBLUXATION AND DISLOCATION IN CEREBRAL
PALSY**
Julio Javier MASQUIJO, Baxter WILLIS, Muaz AL-GHADIR
(Canada)

**22037 CHIARI OSTEOTOMY IN SUBLUXATED HIPs OF
CEREBRAL PALSY**
Patricia M. Moraes Barros FUCS, Celso SVARTMAN,
Rodrigo Montezuma Cesar DE ASSUMPCAO, Helder
Henzo YAMADA, Dulce Egydio DE CARVALHO (Brazil)

**21801 A NEW SIMPLE METHOD OF FIXATION OF VARUS
DEROTATION OSTEOTOMY OF THE PROXIMAL FEMUR
IN CEREBRAL PALSY CHILDREN WITH HIP**

DISLOCATION USING MULTIPLE K-WIRES: THE REVERSED WAGNER TECHNIQUE

Mohammed EL-SOBKY, Atef HANNA, Maged Ramsis HANNA, Yehia TARRAF (Egypt)

22033 MEDIAL COLUMN ARTHRODESIS IN SPASTIC PLANOVALGUS FOOT

Patricia M. Moraes Barros FUCS, Celso SVARTMAN, Rodrigo Montezuma Cesar DE ASSUMPCAO, Simone Dota SIMIS, Helder Henzo YAMADA (Brazil)

15:00-15:30

Paediatrics (Hall A2)

Plenary lectures

NONOPERATIVE TREATMENT OF CLUBFEET: WHAT'S THE EVIDENCE?

José MORCUENDE (United States)

22641 PEDIATRIC PELVIC OSTEOTOMIES: INDICATIONS, CONTRAINDICATIONS AND TECHNIQUES

George THOMPSON (United States)

15:30-16:00

Coffee break/Poster discussion

16:00-17:30

**Paediatrics – SICOT/IFPOS
(International Federation of Paediatric
Orthopaedic Societies)**

Moderators:

Carlo MILANI (Brazil)

Panya SURIJAMORN (Thailand)

Free papers

20670 ANTERIOR CORRECTION OF ADOLESCENT IDIOPATHIC SCOLIOSIS: A CLINICAL STUDY OF THORACIC AND THORACOLUMBAR CURVES

Raju KARUPPAL (India)

20818 ACCURACY OF THORACIC PEDICLE SCREW IN SCOLIOSIS USING IDEAL PEDICLE ENTRY POINT DURING FREE HAND TECHNIQUE IN SEVERE AND RIGID CURVES MORE THAN 90 DEGREES

Sudeep JAIN (India)

22419 ADOLESCENT IDIOPATHIC SCOLIOSIS RELATIONSHIP

TO OSTEOPOROSIS

Mehmet Bulent BALIOGLU, Mine GULER, Mehmet Akif KAYGUSUZ (Turkey)

- 20895 CAPASSOS METHOD REVISITED: VALIDATION AGAINST CONVENTIONAL MEASUREMENT TOOLS IN EVALUATION OF COBB ANGLE FOR SCOLIOSIS**
Nanjundappa S. HARSHAVARDHANA, Harshad V. DABKE, Ujjwal K. DEBNATH, Brian J.C. FREEMAN (United Kingdom)
- 22114 CORRELATION AND COMPARISON OF RISSER SIGN VERSUS BONE AGE DETERMINATION (TW3) BETWEEN CHILDREN WITH AND WITHOUT SCOLIOSIS IN KOREAN POPULATION**
Hitesh MODI, Seung-Woo SUH, Jae-Hyuk YANG, Jae-Young HONG (Korea)
- 19835 SPINAL INJURIES IN CHILDREN AND ADOLESCENTS**
Jan STULIK, Petr SEBESTA, Jan KRYL, Tomas VYSKOCIL (Czech Republic)
- 19774 SINGLE STAGE FRONT AND BACK RESECTION TO CORRECT NEGLECTED CONGENITAL ANGULAR DEFORMITIES**
Mohammed ELSHARKAWI, Yasser ELMILIGUI, Wael KOPTAN, Motaz SALAHELDIN, Wael HAMAD (Egypt)
- 20814 ACUTE SEPTIC ARTHRITIS REVISITED: A PROSPECTIVE STUDY IN 93 PATIENTS CORRELATING C REACTIVE PROTEIN LEVELS WITH DURATION OF INTRAVENOUS ANTIBIOTIC THERAPY, CLINICAL AND RADIOLOGICAL OUTCOMES**
Sudeep JAIN (India)
- 21288 ORTHOPAEDIC PROBLEMS IN THAI OBESE CHILDREN**
Ukris GUNADHAM, Patarawan WORATANARAT, Pornchai MULPRUEK, Umaporn SUTATWORAWUT, Suthawadee SUKCHAROENSIN (Thailand)
- 20252 HUMERAL LENGTHENING**
Gamal HOSNY (Egypt)

Saturday, 31 October 2009
Pattaya 11

08:00-09:30

Trauma: Deformity Correction

Moderators:

Suthorn BAVONRATANAVECH (Thailand)

Vajara PHIPOBMONGKOL (Thailand)

Symposium

**TIPS AND TRICKS FOR EXTERNAL FIXATION IN
DEFORMITY CORRECTION**

Dankward HÖNTZSCH (Germany)

DEFORMITY CORRECTION WITH UNILATERAL FRAME

Carlos SATIZABAL AZUERO (Colombia)

REVERSE PLANNING METHOD

Rainer BAUMGART (Germany)

DEFORMITY CORRECTION WITH RING FIXATOR

Wade SMITH (United States)

**ROTATIONAL DEFORMITY CORRECTION WITH RING
FIXATOR**

Federico SANTOLINI (Italy)

**DEFORMITY CORRECTION IN CHILDREN AND YOUNG
ADULT**

Theodor SLOGO (Switzerland)

09:30-10:00

Spine (*Hall A2*)

Plenary lecture

22726

SPINE SURGERIES IN THE AGING SOCIETY

Shoichi KOKUBUN (Japan)

10:00-10:30

Coffee break/Poster discussion

10:30-12:00

Tumour

Moderators:

Rainer KOTZ (Austria)

Thipachart PUNYARATABANDHU (Thailand)

Lecture

- 22775 MANAGEMENT OF PELVIC AND SACRAL TUMORS AT SIRIRAJ HOSPITAL**
Saranatra WAIKAKUL (Thailand)

Free papers

- 21220 TOTAL EN BLOC SPONDYLECTOMY FOR ANGIOSARCOMA OF THE SPINE – REPORT OF TWO CASES**
Munehisa KOIZUMI, Yurito UEDA, Toshitika TAKESHIMA, Nobuhisa SATO, Hiroaki MATSUMORI, Masato TANAKA, Yoshinori TAKAKURA (Japan)
- 22529 EN BLOC VERSUS INTRALESIONAL RESECTION OF PRIMARY EXTRADURAL TUMORS OF THE SPINE**
Mahmonir EIZADPANA, Ebbe STENDER HANSEN, Kristian HØY, Haisheng LI, Katrin SCHÄTTIGER, Peter HELMIG, Bent NIEDERMANN, Cody BÜNGER (Denmark)
- 22567 ESTIMATING RISK OF PULMONARY NEOPLASTIC EMBOLISM DURING VERTEBROPLASTY**
Miao WANG, Yu WANG, Martin AXELSEN, Line Dahl THOMASSEN, Michael BENDTSEN, Xuenong ZOU, Christian FLO, Michael REHLING, Cody BÜNGER (Denmark)
- 19833 INJURY TO MAJOR BLOOD VESSELS IN ANTERIOR THORACIC AND LUMBAR SPINAL SURGERY**
Jan STULIK, Petr SEBESTA, Jan KRYL, Tomas VYSKOCIL (Czech Republic)
- 22330 POSTERIOR EXCISION OF SPINAL METASTASIS AND COMPOSITE FIXATION**
Mohammad EL-SHARKAWI, Wael KOPTAN, Yaser EL-MELIGUI, Galal Zaki SAID (Egypt)
- 21480 CORE NEEDLE BIOPSY IS ACCURATE IN DIAGNOSING BONE AND SOFT-TISSUE LESIONS**
Piya KIATISEVI (Thailand)
- 22017 PHOSPHATURIC MESENCHYMAL TUMOR REMOVAL USING HANDHELD GAMMA PROBE**
Chris CHAROENLAP, Chandhanarat CHANDHANAYINGYONG, Rapin PHIMOLSARNTI, Apichat

ASAVAMONGKOLKUL, Paweena CHUNHAROJRITH,
Apiradee SRIWIJITKAMOL, Pawana PUSUWAN (Thailand)

**20971 WARM RINGER LACTATE SOLUTION AS A LOCAL
TREATMENT IN GIANT CELL TUMOR OF BONE**
Rapin PHIMOLSARNTI, Chandhanarat
CHANDHANAYINGYONG, Apichat ASAVAMONGKOLKUL,
Saranatra WAIKAKUL (Thailand)

**22564 NEUROLOGICAL IMPROVEMENT AND SURVIVAL
AFTER SURGICAL TREATMENT IN PATIENTS WITH
METASTASES ACCORDING TO SUBGROUPS OF
PRIMARY CANCER**
Miao WANG, Kristian HØJ, Ebbe Stender HANSEN, Bent
NIEDERMANN, Peter HELMIG, Haisheng LI, Yu WANG,
Efe Levent ARAS, Katrin SCHÄTTIGER, Cody BÜNGER
(Denmark)

12:00-13:30

Lunch workshop sponsored by Smith&Nephew

**DEVELOPMENT OF BMHR THE BONE CONSERVATIVE
PRIMARY OPTION IN TOTAL HIP ARTHROPLASTY**
Derek MCMINN (United Kingdom)

13:30-15:00

Tumour

Moderators:

Rainer KOTZ (Austria)

Apichat ASAVAMONGKOLKUL (Thailand)

Lectures

**EXPANDABLE TUMOR ENDOPROSTHESIS FOR
MALIGNANT BONE TUMORS IN CHILDREN**
Rainer BAUMGART (Germany)

**22586 RECONSTRUCTION OF THE UPPER PART OF THE
FEMUR WITH MEGAHIP PROSTHESIS SURROUNDED
BY ALLOGRAFTS**
Dominique POITOUT, R. VOLPI, A. MERGER, P. MAMAN,
P. PARIS (France)

**22778 23 YEARS EXPERIENCE WITH GROWING
PROSTHESES**
Rainer KOTZ (Austria)

Free papers

- 22077 MANAGEMENT OF SEPTIC COMPLICATIONS IN MEGAPROSTHESES OF THE PROXIMAL FEMUR**
Philipp T. FUNOVICS, Christian HIPFL, Rainer I. KOTZ, Martin DOMINKUS (Austria)
- 21194 OUTCOMES OF KNEE RECONSTRUCTION USING HINGED KNEE PROSTHESIS**
Dariush GOURAN SAVADKOOHI, Babak SIAVASHI, Seyyed Siamak REZANEZHAD, Mohammad GOURAN SAVADKOOHI (Iran)
- 20605 FIBULAR CENTRALISATION FOR THE RECONSTRUCTION OF DEFECTS OF THE TIBIAL DIAPHYSIS AND DISTAL METAPHYSIS AFTER EXCISION OF BONE TUMOURS**
Ajay PURI, M.G. AGARWAL (India)
- 21277 LIMB SALVAGE SURGERY FOR MALIGNANT BONE AND SOFT TISSUE SARCOMA IN RAMATHIBODI HOSPITAL**
Pipat WONGTHANAKITCHAROEN, Thanya SUBHADRABANDHU, Patarawan WORATANARAT (Thailand)

15:00-15:30

Paediatrics (*Hall A2*)

Plenary lectures

NONOPERATIVE TREATMENT OF CLUBFEET: WHAT'S THE EVIDENCE?

José MORCUENDE (United States)

22641

PEDIATRIC PELVIC OSTEOTOMIES: INDICATIONS, CONTRAINDICATIONS AND TECHNIQUES

George THOMPSON (United States)

15:30-16:00

Coffee break/Poster discussion

16:00-17:30

**Residents' Paper Contest
(RCOST only)**

Programme – Sunday, 1 November 2009

	Hall A1	Hall A2	Hall A3	Pattaya 11
08:00-09:30	Trauma: Foot Injury Symposium & Free Papers	Sports Medicine: Multiple Ligament Reconstruction Symposium	Trauma: Polytrauma & Trauma Management Lecture & Free papers	Shoulder & Upper Extremities Free papers
09:30-10:00		Hip Arthroplasty Plenary lecture		
10:00-10:30	<i>Coffee break/Poster discussion</i>			
10:30-12:00	Trauma: Foot Lecture & Free papers	Trauma: Tibia Free papers	Best Papers Session	Arthroplasty: Shoulder & Elbow Lecture & Free papers
12:00-13:30		Lunch workshop sponsored by American Taiwan		
13:30-15:00	Total Knee Arthroplasty Lecture & Free papers	Foot Free papers	Trauma: Hand & Forearm Free papers	
15:00-16:30	Closing Ceremony			

**Sunday, 1 November 2009
Hall A1**

08:00-09:30

Trauma: Foot Injury

Moderators:

Vilmos VÉCSEI (Austria)

James WADDELL (Canada)

Symposium

- 22763 PILON ORIF**
Reinhard SCHNETTLER (Germany)
- 22757 TREATMENT OF PILON FRACTURES BY ILIZAROV EXTERNAL FIXATION SYSTEM**
Gershon VOLPIN, Haim SHTARKER (Israel)
- 21399 COMMON PITFALLS IN ANKLE FRACTURES**
Frankie LEUNG (Hong Kong)
- 22759 DO SYNDESMOSIS LESIONS WORSEN TRIMALLEOLAR FRACTURES OUTCOME?**
Thami BENZAKOUR, Abderrazak HEFTI, Mohamed LEMSEFFER, Ahmed BENZAKOUR (Morocco)

Free papers

- 22409 PILON FRACTURE**
Dariush GOURAN SAVADKOOHI, Babak SIAVASHI, Mohammad GOURAN SAVADKOOHI (Iran)
- 21604 CAPSULO-LIGAMENTOTAXIS AND DEFINITIVE FIXATION BY TENSIONED WIRE RING FIXATOR: IS IT THE SOLUTION FOR SOFT TISSUE CATASTROPHE IN HIGH-ENERGY PILON FRACTURES?**
Satya Ranjan PATRA, Sudhir KAPOOR, Himanshu KATARIA, Tankeswar BORUAH (India)
- 21505 CADAVER EVALUATION OF TIBIO-FIBULAR SYNDESMOSIS WITH ROTATIONAL ABNORMALITY OF THE FIBULA: A CT SCAN STUDY**
Vincent STEIGER, Vincent STEIGER, Patrick CRONIER, Abdelhafid TALHA, Laurent HUBERT, Thomas APARD, Pascal BIZOT (France)

21728 ANKLE INJURY EVALUATION AND ASSESSMENT IN EMERGENCY DEPARTMENT

Maheer ALZHRANI, Adnan ALZHRANI, Abdullaziz AL-AMMARI, Mohamed Al Hossan FACHRTZ (Saudi Arabia)

09:30-10:00 **Hip Arthroplasty** (Hall A2)

Plenary lecture

20220 A DIRECT ANTERIOR APPROACH FOR HIP ARTHROPLASTY - TECHNIQUE, POTENTIAL, AND CRITICAL VALUATION

Martin KRISMER (Austria)

10:00-10:30 *Coffee break/Poster discussion*

10:30-12:00 **Trauma: Foot**

Moderators:

Vilmos VÉCSEI (Austria)

Apipope KRITSANEPPHAIBOON (Thailand)

Lectures

22749 OPERATIVE TREATMENT OF THE CENTRAL TALUS FRACTURE

Gholam PAJENDA (Austria)

20779 MANAGEMENT OF RECENT AND NEGLECTED FRACTURES OF OS CALCIS

Galal Zaki SAID (Egypt)

LISFRANCE DISLOCATION AND DISLOCATION FRACTURES

James WADDELL (Canada)

SOFT TISSUE LESIONS

Vilmos VECSEI (Austria)

Free papers

21958 SUBTALAR DISLOCATIONS: EXPERIENCE OVER 10 YEARS

Rajinder KANOJIA, Mandeep DHILLON, Devinder CHAUHAN, Sharad PRABHAKAR (India)

21477 DIFFERENTIAL SCANNING CALORIMETRIC EXAMINATION OF THE RUPTURED ACHILLES TENDON

IN HUMAN

Norbert WIEGAND, László VÁMHIDY, Dénes LÔRINCZY
(Hungary)

**21726 OPERATIVE TREATMENT OF LISFRANC FOOT
INJURIES**

Dusko PERICIC, Dragan DJURDJEVIC, Breda GUSTINCIC
(Croatia)

12:00-13:30 *Lunch*

13:30-15:00 **Total Knee Arthroplasty**

Moderators:

Luis LOPEZ-DURAN STERN (Spain)
Surapoj MEKNAVIN (Thailand)

Lecture

**22765 THE AUSTRALIAN NATIONAL JOINT REPLACEMENT
REGISTRY**

Ian DICKINSON (Australia)

Free papers

**22384 OBJECTIVE OUTCOME OF A NEW ULTRA-
CONGRUENT POSTERO-STABILIZED TOTAL KNEE
ARTHROPLASTY AT ONE YEAR OF FOLLOW-UP**

Antoine EUDIER, Charlotte HANDSCHIN, Kamiar
AMINIAN, France NICOLAS, Florence BURDET, Pierre-
François LEYVRAZ, Brigitte M. JOLLES (Switzerland)

**22192 SAFETY AND EFFICACY OF SINGLE STAGE
BILATERAL TOTAL KNEE ARTHROPLASTY IN A DGH**

S. MUKHOPADHYAY, A. GUHA, C.U. DUSSA, K.
SINGHAL (United Kingdom)

**22346 A 15-YEAR FOLLOW-UP OF POROUS COATED
ANATOMIC PROSTHESIS IN PRIMARY TOTAL KNEE
ARTHROPLASTY**

Yoshinaga EGAWA, Hiroshi HASHIGUCHI, Kazuhumi
MINAMI, Norishige IIZAWA, Hiromoto ITO (Japan)

**21286 THE RELATIONSHIP BETWEEN SUBJECTIVE AND
OBJECTIVE OUTCOME DATA AFTER TOTAL KNEE
REPLACEMENT**

Erik HOHMANN, Christy COYLE, Michelle TAY, Adam BRYANT (Australia)

21018 LATERAL APPROACH HAS AN ADVANTAGE IN TOTAL KNEE ARTHROPLASTY FOR VALGUS DEFORMED KNEE

Hitoshi SEKIYA, Hisashi TAKADA, Kenzo TAKATOKU, Hideyuki SASANUMA (Japan)

22320 NERVE INJURY FOLLOWING KNEE SURGERY – IS IT THE TIP OF AN ICEBERG?

Dhamotharan KAMATCHI, Jaydeep SHAH, Amit CHANDRATREYA (United Kingdom)

21999 INTRAOPERATIVE FLEXION CONTRACTURE IMPROVES AFTER TOTAL KNEE ARTHROPLASTY

Sukree KHUMRAK, Aree TANAVALEE, Thana ROJPORNPRADIT, Manoon SAKDINAKIATIKOON, Srihatach NGARMUKOS (Thailand)

15:00-16:30

Closing Ceremony

**Sunday, 1 November 2009
Hall A2**

08:00-09:30

**Sports Medicine:
Multiple Ligament Reconstruction**

Moderators:

Teerawat KULTHANAN (Thailand)

Suraphol KESPRAYURA (Thailand)

Symposium

**22762 A STRATEGY TO ACUTE KNEE DISLOCATION
WITHOUT NEUROVASCULAR INJURIES**

Pascal CHRISTEL (Saudi Arabia)

Steven MEIER (United States)

09:30-10:00

Hip Arthroplasty

Plenary lecture

**22220 A DIRECT ANTERIOR APPROACH FOR HIP
ARTHROPLASTY - TECHNIQUE, POTENTIAL, AND
CRITICAL VALUATION**

Martin KRISMER (Austria)

10:00-10:30

Coffee break/Poster discussion

10:30-12:00

Trauma: Tibia

Moderators:

Jean-Louis ROUVILLAIN (France)

Vajarin PHIPOBMONGKOL (Thailand)

Free papers

**22184 FRACTURES OF THE PROXIMAL THIRD OF THE TIBIAL
SHAFT TREATED WITH INTRAMEDULLARY NAILS
WITH MODIFIED TECHNIQUE**

Lokesh ARAKOTARAM VEERAPPA (India)

**22474 EVALUATION OF PRE CONTOURED LATERAL
PROXIMAL TIBIAL PLATES IN INDIAN TIBIA**

Harpreet SINGH, Yuvarajan PALANISAMY, Lalit MAINI,

V.K. GAUTAM (India)

21908 THE NEW LOCALLY MADE MULTIFUNCTION DYNAMIC EXTERNAL FIXATOR SYSTEM FOR DEFINITIVE TREATMENT IN 70 CASES OF OPEN FRACTURES AND ITS COMPLICATIONS

Yingyong SUKSATHIEN, Rachawan SUKSATHIEN (Thailand)

21174 SIGN NAILING IN TIBIA FRACTURES: FOLLOW-UP RESULTS OF FIRST 60 CONSECUTIVE CASES

Alexandre SITNIK, Siarhei KAZAUEU, Alexandre BELETSKY, Lewis ZIRKLE (Belarus)

21827 DISTAL THIRD TIBIAL FRACTURE OSTEOSYNTHESIS BY A 'COMB TECHNIQUE'

Jean-Louis ROUVILLAIN, Octavio LABRADA BIANCO (Martinique)

22528 EVALUATION OF THE TECHNIQUE OF BLOCKING SCREW IN TREATMENT OF FRACTURE OF THE DISTAL THIRD OF TIBIA

Nehad EL MAHBOUB, Nagy SABET (Egypt)

22183 THE USE OF A CALCIUM HYDROXYAPATITE ANTIBIOTIC CARRIER (PEROSSAL*) IN LONG BONE CHRONIC OSTEOMYELITIS

Androniki DRAKOU, Georgios KARALIOTAS, Vasileios SAKELLARIOU, Georgios MAZIS, Konstantinos STARANTZIS, Sofia ATHANASIA (Greece)

12:00-13:30

Lunch workshop sponsored by American Taiwan

Moderator:

Viroj KAWINWONGGOWIT (Thailand)

THE CHANGING PARADIGM IN THE MANAGEMENT OF GOUT AND HYPERURICEMIA

Kitti TOTEMCHOKCHYAKARN

13:30-15:00

Foot

Moderators:

Stephen P. ABELOW (United States)

Thanut VALLEENUKUL (Thailand)

Free papers

- 22295 MID TERM RESULTS AFTER SALTO TOTAL ANKE ARTHROPLASTY**
Katja SCHENK, Sebastian LIESKE, Wolfram NEUMANN
(Germany)
- 22074 PLANTAR FASCIITIS TREATED BY SHOCK WAVE THERAPY – FOUR YEARS OR MORE FOLLOW-UP**
Eli PELED, Tali PORTAL-BANKER, Eyal MELAMED
(Israel)
- 21810 EXTRACORPOREAL SHOCK WAVE THERAPY VERSUS MODIFIED ENDOSCOPIC PLANTAR FASCIOTOMY IN THE TREATMENT OF CHRONIC HEEL PAIN**
Yasser RADWAN, Ali REDA, Walid Salah BADAWY, Sherif KHALID (Egypt)
- 21850 OUTCOME PREDICTORS OF THE EXTRACORPOREAL SHOCK WAVE FOR CHRONIC PROXIMAL PLANTAR FASCIITIS**
Bavornrit CHUCKPAIWONG, George THEODORE
(Thailand)
- 21929 ENDOSCOPIC PLANTAR FASCIA RELEASE - ANATOMICAL CONSIDERATIONS FOR PORTAL CHOICE AND CLINICAL RESULTS**
Eyal HELLER, Dror ROBINSON (Israel)
- 22149 OSTEOTOMY VERSUS FUSION IN MANAGEMENT OF COMPLEX FOOT DEFORMITY IN ADULTS USING ILIZAROV TECHNIQUE**
Ahmed Naeem ATIYYA, Khalid EMARA, EL Husseini MOTASSEM, Wael Samir EL BEHAIRY (Egypt)
- 21452 FREIBERG DISEASE IN FOOTBALLERS TREATED WITH DEBRIDEMENT, SYNOVIECTOMY AND DORSAL WEDGE OSTEOTOMY**
Engin Ilker CICEK, Cengiz YILDIRIM, Selahattin OZYUREK, Bahtiyar DEMIRALP, Ali Sabri ATESALP
(Turkey)
- 22187 REVERSE SCARF OSTEOTOMY FOR BUNIONETTE CORRECTION: INITIAL RESULTS OF A NEW SURGICAL TECHNIQUE**
S. MUKHOPADHYAY, A. GUHA, M.K. REDDY, Rhys THOMAS (United Kingdom)

**21521 HINDFOOT ENDOSCOPY FOR THE OS TRIGONUM
SYNDROME**

Masato TAKAO, Ken INNAMI, Fumito KOMATSU, Takashi
MATSUSHITA (Japan)

15:00-16:30

Closing Ceremony

**Sunday, 1 November 2009
Hall A3**

08:00-09:30

Trauma: Polytrauma & Trauma Management

Moderators:

Thamer A. HAMDAN (Iraq)

Arun SAWASDIPONG (Thailand)

Lecture

- 22756 DAMAGE CONTROL ORTHOPAEDICS IN POLYTRAUMATIZED PATIENTS**
Gershon VOLPIN, Haim SHTARKER, Jordan SAVESKI (Israel)

Free papers

- 21792 MANAGEMENT OF BOMB BLAST INJURIES: AN ORTHOPAEDIST'S PERSPECTIVE**
Shahab UD-DIN, Faseeh SHAHAB (Pakistan)
- 20760 TO STUDY INCIDENCE, ETIOLOGICAL PROFILE AND TREATMENT OF SURGICAL SITE INFECTIONS IN PATIENTS OF GUNSHOT INJURIES AND BOMB BLAST INJURIES**
Faseeh SHAHAB, Shahab UD-DIN (Pakistan)
- 21398 STRATEGISING MUSCULO-SKELETAL POLYTRAUMA IN INDIA - THE IMPORTANCE OF MICRO PLANNING**
Arindam BANERJEE, Rajiv CHATTERJEE, Arindam GANGULY (India)
- 21166 OUTCOME OF 105 NEGLECTED TRAUMA CASES MANAGED BY ILIZAROV TECHNIQUE IN 3RD WORLD COUNTRY LIKE BANGLADESH**
Amjad M. HOSSAIN, Zubayer ASHRAF (Bangladesh)
- 20876 USE OF SERUM LACTATE IN PREDICTING THE DEVELOPMENT OF FAT EMBOLISM SYNDROME IN POLYTRAUMA PATIENTS**
Nirmal RAJ, Ramesh Kumar SEN (India)
- 21901 CK-MM (CREATINE KINASE MM ISOENZYME) LEVELS AS AN INDICATOR OF THE MAGNITUDE OF SKELETAL TRAUMA**

Raja VENKATARAMAN, Samuel CHITTRANJAN, R.
SELVAKUMAR (United Kingdom)

20969 MAJOR REPLANTATION OF THE LOWER LIMB
Saranatra WAIKAKUL (Thailand)

09:30-10:00 **Hip Arthroplasty** (Hall A2)

Plenary lecture

**20220 A DIRECT ANTERIOR APPROACH FOR HIP
ARTHROPLASTY - TECHNIQUE, POTENTIAL, AND
CRITICAL VALUATION**
Martin KRISMER (Austria)

10:00-10:30 *Coffee break/Poster discussion*

10:30-12:00 **Best Papers Session**

Moderators:

Andrzej BOHATYREWICZ (Poland)

Hatem SAID (Egypt)

**21018 LATERAL APPROACH HAS AN ADVANTAGE IN TOTAL
KNEE ARTHROPLASTY FOR VALGUS DEFORMED
KNEE.**

Hitoshi SEKIYA, Hisashi TAKADA, Kenzo TAKATOKU,
Hideyuki SASANUMA (Japan)

**20058 THE USE OF PLATELET GROWING FACTORS IN THE
TREATMENT OF CHRONIC ACHILLEUS TENDONITIS**

Elisabetta DIOTTI, Maurizio LOVATO, Claudio MANZINI,
Roberto PELUCCHI, Gianluca POZZI, Pasquale GIFUNI
(Italy)

**21520 ARTHROSCOPIC AND MRI APPEARANCE AND
RECONSTRUCTION OF THE ANTERIOR TALOFIBULAR
LIGAMENT IN CASES OF APPARENT FUNCTIONAL
ANKLE INSTABILITY**

Masato TAKAO, Ken INNAMI, Fumito KOMATSU, Takashi
MATSUSHITA (Japan)

**21215 REPAIR OF TEARS OF THE SUBSCAPULARIS:
MINIMUM TWO YEAR FOLLOW-UP RESULTS OF 84
CASES**

István SZABó, Gilles WALCH, Pascal BOILEAU (Hungary)

20718 TOTAL HIP ARTHROPLASTY IN SICKLE CELL DISEASE

Philippe HERNIGOU, Alexandre POIGNARD (France)

22461 COMPUTER ASSISTED SURGERY: INTEREST ON TKR - PROSPECTIVE AND COMPARATIVE STUDY

Ana TORRES, Eduardo SOLIS, Antonio MURCIA MAZON (Spain)

21274 THE COMPARISON BETWEEN LIMITED OPEN CARPAL TUNNEL RELEASE USING DIRECT VISION AND TUNNELING TECHNIQUE AND TRADITIONAL OPEN CARPAL TUNNEL RELEASE - A RANDOMIZED CONTROLLED TRIAL STUDY

Sorasak SUPPAPHOL, Preecha PITTAYAWUTWINIT, Patarawan WORATANARAT, Porn-tip CHATCHAIPUN (Thailand)

22333 AUGMENTED AUTOLOGOUS CHONDROCYTES IMPLANTATION WITH BONE MARROW MESENCHYMAL STEM CELLS

Channarong KASEMKIJWATTANA, Suradej HONGENG, Adisak WONGKAJORN-SILP, Suraphol KESPRAYURA, Kanda CHAIPINYO, Kosum CHANSIRI (Thailand)

22493 REPAIR ARTICULAR DEFECT WITH TISSUE-ENGINEERED CARTILAGE - A CLINICAL TRIAL ON HUMAN

Hwa-Chang LIU, Chih-Hung CHANG (Taiwan)

21700 IN-VIVO KINEMATICS OF THE IVD ALLOGRAFT TRANSPLANTATION

Stephen Ka Lok LAM, Dike RUAN, Yu DING, William LU, Keith D K LUK (Hong Kong)

12:00-13:30 *Lunch*

13:30-15:00 **Trauma: Hand & Forearm**

Moderators:

Horia-Bogdan ORBAN (Romania)

Piyawan CHATUPARISUTE (Thailand)

Free papers

22209 A NEWLY DESIGNED PROXIMAL INTERLOCKING SCREW SYSTEM AT INTRAMEDULLARY NAILING OF THE ULNA

Fatih KUCUKDURMAZ, Fuat AKPINAR, Necdet SAGLAM,
Mustafa TEKKESIN (Turkey)

- 22418 VOLAR PLATING OF INTRA-ARTICULAR DISTAL RADIUS FRACTURES**
Gerald GRUBER, Heimo CLAR, Mathias GLEHR, Gerwin BERNHARDT (Austria)
- 21982 TREATMENT OF COLLES – FRACTURES WITH K-WIRES VERSUS PALMAR PLATES WITH LOCKING CREWS**
Nadine HOLLEVOET (Belgium)
- 20329 PROXIMAL INTERPHALANGEAL JOINT FRACTURE DISLOCATIONS: CLOSED MANAGEMENT WITH THE SUZUKI EXTERNAL FIXATOR**
Naveen Chowdary TUMMALA, Ashok Sunil GAVASKAR (India)
- 21830 TITANIUM MINI-PLATE FOR DIFFICULT HAND AND FINGER FRACTURES**
Takashi HORIUCHI, Shohei OMOKAWA, Ryotaro FUJITANI, Masayoshi OKUDA, Akio IIDA (Japan)
- 21442 SIMULTANEOUS NERVE TRANSFER TO DELTOID AND TRICEPS LONG HEAD MUSCLE USING 4 INTERCOSTAL NERVES: AN ANATOMIC STUDY AND FIVE CASE REPORTS**
Kanchai MALUNGAISHROPE (Thailand)
- 20883 NERVE TRANSFER FOR WRIST EXTENSION USING NERVE TO FLEXOR DIGITORUM SUPERFICIALIS IN C5, C6, AND C7 ROOT AVULSIONS: AN ANATOMIC STUDY AND A REPORT OF TWO CASES**
Asamon UKRIT, Somsak LEECHAVENGVONGS, Kanchai MALUNGAISHROPE, Chairaj UERPAIROJKIT, Sukumal CHONGTHAMMAKUN, Kan WITOONCHART (Thailand)
- 21686 FUNCTIONING FREE-MUSCLE TRANSFER FOR DELAY PRESENTATION BRACHIAL PLEXUS INJURY PATIENTS: SIRIRAJ PROCEDURE**
Panupan SONGCHAROEN, Saichol WONGTRAKUL, Banchong MAHAISAVARIYA, Torpon VATHANA (Thailand)

15:00-16:30

Closing Ceremony

**Sunday, 1 November 2009
Pattaya 11**

08:00-09:30

Shoulder & Upper Extremities

Moderators:

Charles SORBIE (Canada)

Bancha CHERNCHUJITT (Thailand)

Free papers

- 22266 COPELAND SURFACE SHOULDER REPLACEMENT ARTHROPLASTY FOR CUFF TEAR ARTHROPATHY – EARLY AND MID TERM FUNCTIONAL RESULTS**
Shanmugasundaram RAJKUMAR (United Kingdom)
- 22179 ACUTE ACROMIOCLAVICULAR JOINT INJURIES - SURGICAL MANAGEMENT USING MODIFIED CADENATS PROCEDURE (CORACOACROMIAL LIGAMENT TRANSFER)**
Lokesh ARAKOTARAM VEERAPPA (India)
- 21965 MANAGEMENT OF CHRONIC ACROMIOCLAVICULAR DISRUPTION BY LARS LIGAMENT RECONSTRUCTION**
Devinder CHOUHAN, Mandeep DHILLON, Sharad PRABHAKAR (India)
- 21711 OUTCOMES OF ARTHROSCOPIC DOUBLE-ROW REPAIR FOR LARGE OR MASSIVE ROTATOR CUFF TEAR**
Hiroshi HASHIGUCHI, Hiromoto ITO, Yoshinaga EGAWA, Kazuhiko NAWASHIRO (Japan)
- 22441 ROTATOR CUFF TEAR – A COMPARISON OF MRI, USG AND ARTHROSCOPIC FINDINGS**
Robert FREI, Tomas TRC, Petr CHLADEK (Czech Republic)
- 22201 A LONG TERM FOLLOW UP OUTCOME AFTER ARTHROSCOPIC ROTATOR CUFF REPAIR**
Sandeep TIWARI, Umesh NAGARE, Shyam RAJAGOPALAN, W.A. NIEZYWINSKI (United Kingdom)
- 22098 TUBEROPLASTY FOR MASSIVE IRREPAIRABLE ROTATOR CUFF TEARS**
John TAYLOR, Arshad BHATTI, Munawar SHAH (United Kingdom)

Kingdom)

- 21215 REPAIR OF TEARS OF THE SUBSCAPULARIS: MINIMUM TWO YEAR FOLLOW-UP RESULTS OF 84 CASES**
István SZABÓ, Gilles WALCH, Pascal BOILEAU (Hungary)
- 21106 LONG-TERM CLINICAL AND MRI RESULTS OF OPEN REPAIR OF THE SUPRASPINATUS TENDON**
Christophe NICH, Céline MÜTSCHLER, Eric VANDENBUSSCHE, Bernard AUGEREAU (France)
- 21385 PERCUTANEOUS PINNING FOR DISPLACED 2-PART AND 3-PART FRACTURES OF THE PROXIMAL HUMERUS: OUTCOME OF 60 CASES**
Amjad HOSSAIN, Zubayer ASHRAF, Abdus SALAM (Bangladesh)
- 19871 CLOSED REDUCTION AND PERCUTANEOUS PINNING IN ELDERLY PATIENTS WITH THREE-PART FRACTURES OF THE PROXIMAL HUMERUS**
Omar SOLIMAN, Wael KOPTAN, Mostafa MAHMOUD (Egypt)

09:30-10:00 **Hip Arthroplasty** (Hall A2)

Plenary lecture

- 20220 A DIRECT ANTERIOR APPROACH FOR HIP ARTHROPLASTY - TECHNIQUE, POTENTIAL, AND CRITICAL VALUATION**
Martin KRISMER (Austria)

10:00-10:30 *Coffee break/Poster discussion*

10:30-12:00 **Arthroplasty: Shoulder & Elbow**

Moderators:

Frederic SCHUIND (Belgium)
Vatanachai ROJVANIT (Thailand)

Lecture

- 22625 ACROMIOCLAVICULAR DISLOCATIONS AND FRACTURES OF THE DISTAL CLAVICLE TREATED WITH HOOK PLATE**
Kandiah RAVEENDRAN (Malaysia)

Free papers

- 19622 IS JOINT REPLACEMENT A SUCCESSFUL THERAPY FOR CHRONIC-LOCKED POSTERIOR DISLOCATION OF THE SHOULDER?**
Jörn KIRCHER, Iosif GAVRIILIDIS, Peter HABERMEYER (Germany)
- 21115 THE SMR REVERSE SHOULDER PROSTHESIS IN THE TREATMENT OF CUFF DEFICIENT SHOULDER CONDITIONS**
Simon YOUNG, Ngozi EVERTS, Craig BALL, Tim ASTLEY, Peter POON (New Zealand)
- 21116 COMPARISON OF FUNCTIONAL OUTCOMES OF REVERSE SHOULDER ARTHROPLASTY VERSUS HEMIARTHROPLASTY IN THE PRIMARY TREATMENT OF ACUTE PROXIMAL HUMERUS FRACTURE**
Simon YOUNG, Barak SEGAL, Perry TURNER, Peter POON (New Zealand)
- 21195 SHOULDER HEMIARTHROPLASTY IN GERIATRIC PATIENTS WITH COMMUNUTED FRACTURES OF THE PROXIMAL HUMERUS**
Gershon VOLPIN, Genadi KIRSHNER, Leonid LICHTENSTEIN, Haim SHTARKER (Israel)
- 22076 MID-TERM RESULTS AFTER LATITUDE® ELBOW ARTHROPLASTY – EVALUATION OF ELBOW FUNCTION WITH A ASSESSMENT SET**
Michael JOHN, Wolfram NEUMANN, Katja SCHENK, Sebastian LIESKE (Germany)

12:00-13:30 *Lunch*

15:00-16:30 **Closing Ceremony**

Posters

Arthroplasty

Hand/Wrist

- 22420 GIANT CELL TUMOR OF METACARPAL BONES: UNCOMMON LOCALIZATION**
Engin Ilker CICEK, Bahtiyar DEMIRALP, Selahattin OZYUREK, Cengiz YILDIRIM, Yuksel YURTTAS, Mustafa BASBOZKURT (Turkey)
- 22444 PYROCARBON INTERPOSITION ARTHROPLASTY IN TRAZIUM-METACARPAL ARTHROSIS**
M. Dolores GIMENO, Juan Carlos MARQUEZ, David SEFATY, Beatriz DE FRANCISCO, Luis LOPEZ-DURAN (Spain)

Hip

- 19388 THE INCIDENCE OF DETECTION OF DVT AND PE BY MULTI DETECTOR ROW CT IN THA**
Kenji FUKUNAGA, Hiroyoshi IWAKI, Yukihide MINODA, Mitsuhiro IKEBUCHI, Tesshu IKAWA, Takahiro IIDA, Yusuke HASHIMOTO, Kunio TAKAOKA (Japan)
- 20309 IMPLANT STABILITY IN CEMENTLESS HIP ARTHROPLASTIES**
Olivera LUPESCU, Mihail NAGEA, Cristina PATRU, Cornelia Letitia VASILACHE, Mihai-Vlad NAGEA, Doriana LUPESCU (Romania)
- 20405 SURGICAL OPTION FOR BILATERAL PROTRUSIO HIP SECONDARY TO JUVENILE RHEUMATOID ARTHRITIS: IS METAL ON METAL THE ONLY VIABLE OPTION IN THE DEVELOPING COUNTRIES?**
Anil ANIL, Saurabh SINGH, Ratnav RATNAV (India)
- 20638 FINITE ELEMENT ANALYSIS OF THE ACETABULAR CUP IN THA FOR SUB-OPTIMAL POSITIONS**
Christian WONG, Jens-Erik VARMARKEN, Arne BORGWARDT, Peter GEBUHR (Denmark)
- 20926 HANDMADE CEMENT SPACERS FOR TWO STAGE REVISION HIP ARTHROPLASTY**
Ayman EBIED, Ashraf ABU HUSSEIN, Ahmed SHAHIN (Egypt)
- 20927 TOTAL HIP REPLACEMENT IN EGYPTIAN PATIENTS LESS**

THAN 35 YEARS

Ayman EBIED, Ashraf ABU HUSSEIN, El Sayed MORSI (Egypt)

- 20928 CONVERSION FROM HEMI TO TOTAL HIP REPLACEMENT CAUSES FOR CONVERSION AND RECOMMENDATIONS FOR YOUNG PATIENTS**
Ayman EBIED, Ashraf ABU HUSSEIN (Egypt)
- 20945 CEMENTED MODULAR METAL BACKED HIP PROSTHESIS FOR THA IN THE ELDERLY – A CLINICAL INVESTIGATIONAL STUDY IN 30 PATIENTS**
Gerhard HEINRICH, Andreas PAECH, Arndt P. SCHULZ, Susanne WIND (Germany)
- 20958 RAPID PROGRESSION OF IDIOPATHIC BILATERAL AVASCULAR NECROSIS OF THE FEMORAL HEADS: AN UNUSUAL CASE**
Elias FOTIADIS, Apostolos GKANTSOS, Theodoros SVARNAS, Alexis PAPADOPOULOS, Efthimios ILIOPOULOS, Alexandra ARSENA, Petros PETRIDIS (Greece)
- 21004 CEMENTED TOTAL HIP REPLACEMENT IN VARIOUS DISORDERS OF HIP**
Sandip GHOSH (India)
- 21011 ISOLATED LINER EXCHANGE WITH CEMENT IN REVISION TOTAL HIP ARTHROPLASTY**
Myung PARK, Hong CHO, Woo CHUNG (Korea)
- 21013 THE MATTE SURFACE FINISH CEMENTED FEMORAL STEM IN SECOND GENERATION METAL ON METAL TOTAL HIP ARTHROPLASTY**
Myung PARK, Woo CHUNG, Hong CHO (Korea)
- 21069 REVISION OF THE WELL FIXED UNCEMENTED BIRMINGHAM HIP RESURFACING ACETABULAR COMPONENT - A TECHNICAL NOTE**
Nemandra SANDIFORD, Sarah MUIRHEAD-ALLWOOD, John SKINNER, Chindu KABIR (United Kingdom)
- 21159 THE USE OF STRUCTURAL ALLOGRAFTS IN TWO-STAGE RECONSTRUCTION FOR INFECTED TOTAL HIP ARTHROPLASTY**
Iulian NUSEM, David MORGAN (Australia)
- 21170 COMBINED FIXATION OF ENDOPROTHESIS USING HIP ARTHROPLASTY**

- Ildar AKHTYAMOV, Rustam ZARIPOV, Marat KHAIRULLOV,
Bulat ZIATDINOV (Russia)
- 21203 PREVENTION AND TREATMENT OF FEMORAL NECK FRACTURE IN METAL-ON-METAL RESURFACING HIP ARTHROPLASTY**
Dariush GOURAN SAVADKOOHI, Babak SIAVASHI, Seyyed Alireza AMIN JAVAHERI, Mohammad GOURAN SAVADKOOHI (Iran)
- 21246 BLOOD LOSS AND LENGTH OF STAY FOLLOWING REVISION TOTAL HIP REPLACEMENT**
Devendra MAHADEVAN, Christopher CHALLAND (United Kingdom)
- 21291 INCIDENCE OF DEEP PROSTHETIC JOINT INFECTIONS IN RAMATHIBODI HOSPITAL**
Satit PORNPATTANARAK, Patarawan WARATANARAT (Thailand)
- 21349 AUTOLOGOUS TRANSFUSION IN THE PERIOPERATIVE PERIOD FOR PRIMARY HIP OPERATION REDUCE THE RATE OF BLOOD TRANSFUSION**
Alex WONG (United Kingdom)
- 21391 CLINICAL AND RADIOGRAPHIC EVALUATION OF A POROUS TANTALUM ACETABULAR CUP: 5 YEARS RESULTS**
Francesco PISANU, Mario FADDA, Andrea MANUNTA, Giuseppe ZIRATTU (Italy)
- 21626 TREATMENT OF VANCOUVER TYPE B1 PERIPROSTHETIC FRACTURES OF HIP USING AO-DCP AND AUTOLOGOUS BONE GRAFTING**
Shaligram PUROHIT, Jawahar PACHORE (India)
- 21688 ACETABULAR OSTEOLYSIS AFTER BIPOLAR HEMIARTHROPLASTY FOR OSTEONECROSIS OF THE FEMORAL HEAD**
Sang Won PARK, Seong Beom HAN, Soon Hyuck LEE, Jong Hoon PARK, Bong Soo KYEONG, Won-Seok LEE, Eun-Su AHN (Korea)
- 21719 LOW MOLECULAR WEIGHT HEPARIN PREVENTS THE PROGRESSION OF THE IDIOPATHIC OSTEONECROSIS OF THE HIP**
Thanainit CHOTANAPHUTI (Thailand)

- 21731 THE USE OF STERILE OCCLUSIVE SANITARY NAPKIN DRESSING IN HIP AND KNEE REPLACEMENT WOUNDS**
Vijay SHETTY, Bhushan SHITOLE (India)
- 21766 DOUBLE SETUP OPERATIONS FOR METAL-ON-METAL HIP RESURFACING OR ARTHROPLASTY IN OSTEONECROSIS OF THE FEMORAL HEAD - A BETTER AND EFFECTIVE APPROACH FOR SELECTION BONE PRESERVATION ARTHROPLASTY IN THE YOUNG**
Viroj LARBPAIBOONPONG, Thana TURAJANE, Jatupon KONGTHARVONSKUL (Thailand)
- 21768 THE EARLY OUTCOME OF BIRMINGHAM HIP RESURFACING - AN INDEPENDENT THAI SURGEON EXPERIENCE**
Viroj LARBPAIBOONPONG, Thana TURAJANE, Jatupon KONGTHARVONSKUL (Thailand)
- 21807 TREATMENT OF THE SEQUELAE OF SLIPPED CAPITAL FEMORAL EPIPHYSIS USING CUNEIFORM OSTEOTOMY OF THE FEMORAL NECK THROUGH SURGICAL HIP DISLOCATION**
Javier BESOMI, Dante PARODI, Jaime LOPEZ, Luis MOYA, Joaquin LARA, Claudio MELLA (Chile)
- 21813 EFFECTS OF TRANEXAMIC ACID IN TOTAL HIP ARTHROPLASTY**
Jagwant SINGH, Moiz BALLAL, Mitchell PAULINE, P.G DENN (United Kingdom)
- 21815 WORSE CLINICAL PROGNOSIS FACTORS IN THE SURGICAL TREATMENT OF FEMOROACETABULAR IMPINGEMENT**
Javier BESOMI, Dante PARODI, Luis MOYA, Jaime LOPEZ, Claudio MELLA, Joaquin LARA, Fernando LIRA (Chile)
- 21880 DOES TRANEXAMIC ACID REDUCE BLOOD LOSS IN JOINT REPLACEMENT SURGERIES?**
Sandeep KUMAR (India)
- 21926 BIOLOX®DELTA: NANOCOMPOSITE CERAMICS FOR ARTHROPLASTY**
Matthias GRAESSEL, Thomas PANDORF (Germany)
- 21930 RELATIONSHIP BETWEEN DISLOCATION AFTER TOTAL HIP ARTHROPLASTY AND PREOPERATIVE RANGE OF HIP MOTION: MULTIPLE LOGISTIC REGRESSION ANALYSIS**

- Masamori SHIGEMATSU, Hirofumi TANAKA, Masaru KITAJIMA,
Kazuyasu UEMICHI, Masaaki MAWATARI, Takao
HOTOKEBUCHI (Japan)
- 21945 THE BIRMINGHAM MIDHEAD RESECTION ARTHROPLASTY-
ANOTHER RESURFACING OPTION**
Nemandra SANDIFORD, John SKINNER, Sarah MUIRHEAD-
ALLWOOD, Chindu KABIR (United Kingdom)
- 21950 INFLUENCE OF MENTAL ACTIVITY ON THE
REHABILITATION PROCESS AFTER TOTAL HIP
ARTHROPLASTY - A PROSPECTIVE RANDOMISED STUDY**
Matthias H. BREM, Johannes GUSINDE, Anna Katarina REIN,
Sylvia MASSUTE, Harald JACOB, Stefan SCHULZ-DROST,
Friedrich F. HENNIG, Alexander OLK, Siegfried LEHRL
(Germany)
- 21997 HIP RESURFACING FOR AVASCULAR NECROSIS IN INDIA:
A LIGHTHOUSE IN THE DESERT?**
Vijay SHETTY (India)
- 22004 REVISION HIP ARTHROPLASTY IN PATIENTS WITH FAILED
PREVIOUS REVISIONS WITH HIGH PLACEMENT OF AN
ACETABULAR COMPONENT**
Ranko LISOV (Montenegro)
- 22057 AUTOHEMOTRANSFUSION IN PLANNED ORTHOPAEDICS**
Saravanan ARUMUGAM, Igor DOROZHKO, Viktor VOLOSHIN,
Vladimir LITVINOV (Russia)
- 22081 CLINICAL ASPECTS OF THE OSSEOINTEGRATION OF SLPs
(SELF LOCKING POROUS SYSTEM) HIP JOINT
ENDOPROSTHESIS**
Alexey MASLOV, Alexander RUTSKY, Alexander MASLOV
(Belarus)
- 22099 EARLY RESULTS AFTER THE TREATMENT WITH TOTAL
HIP ARTHROPLASTY USING A LARGER DIAMETER
FEMORAL HEAD VERSUS BIPOLAR ARTHROPLASTY IN
PATIENTS WITH FEMORAL NECK FRACTURES**
Myung-Rae CHO, Hyun-Seop LEE (Korea)
- 22106 A USE OF LARGE FEMORAL HEAD IN TOTAL HIP
ARTHROPLASTY**
Hyun-Seop LEE, Myung-Rae CHO (Korea)
- 22240 SURGICAL TREATMENT OF BILATERAL COXARTHROSIS**

- WITH ENDOPROSTHESIS SLPS ALTIMED**
Anatoly DOSTA, Oleg KEZLYA, Vladislav JARMOLOVICH,
Alexander BENKO (Belarus)
- 22242 ENDOPROSTHESIS SLPS OF ALTIMED JSC IN TREATMENT OF PATIENTS WITH BLAND NECROSIS OF FEMORAL HEAD**
Oleg KEZLYA, Anatoly DOSTA, Vladislav JARMOLOVICH,
Alexander BENKO (Belarus)
- 22247 USING ENDOPROSTHESIS SLPS OF ALTIMED JSC IN TREATING PATIENTS WITH COXARTHROSIS**
Anatoly DOSTA, Oleg KEZLYA, Vladislav JARMOLOVICH,
Alexander BENKO (Belarus)
- 22248 PATIENT COMPLIANCE WITH DEEP VEIN THROMBOSIS PROPHYLAXIS FOLLOWING LOWER LIMB ARTHROPLASTY SURGERY**
Shanmugasundaram RAJKUMAR (United Kingdom)
- 22368 TOTAL HIP ARTHROPLASTY AS TREATMENT FOR COXARTHROSIS SECONDARY TO TUBERCULOSIS OSTEOARTHRITIS OF THE HIP**
Paul Dan SIRBU, Paul BOTEZ, Aurora CRETU, Constantin BARBAROSIE (Romania)
- 22395 THE TREATMENT OF THE TROCHANTERIC FRACTURES BY PRIMARY HIP PROSTHESIS**
Paul Dan SIRBU, Paul BOTEZ, Constantin BARBAROSIE,
Aurora CRETU, Adriana NITESCU (Romania)
- 22396 CEMENTLESS METAL-ON-METAL HIP ARTHROPLASTY IN YOUNG PATIENT, LESS THAN 55 YEARS OF AGE - PRELIMINARY RESULTS**
Paul Dan SIRBU, Paul BOTEZ, Constantin BARBAROSIE
(Romania)
- 22425 THE DISLOCATING HIP - TO BRACE OR NOT TO BRACE?**
Stephen BRENNAN, John O'BYRNE (Ireland)
- 22442 LEARNING CURVE FOR DIRECT ANTERIOR APPROACH ON ORTHOPAEDIC TABLE IN PRIMARY TOTAL HIP REPLACEMENT: COMPLICATIONS AND EARLY RESULTS OF THE FIRST 100 CASES**
Marc JAYANKURA, Alain POTAZNIK, Marcel ROOZE, Katia CERMAK, Pierre PANDIN, Frédéric SCHUIND (Belgium)
- 22501 NEW REVISION CUP FOR DEFECTED ACETABULUM**

Tomas TRC, Eduard STASTNY (Czech Republic)

22550 METHODS OF DETERMINATION OF OXIDATIVE DEGRADATION AND RESIDUAL RADICALS CONCENTRATION IN ULTRA-HIGH MOLECULAR WEIGHT POLYETHYLEN

David POKORNY, Miroslav SLOUF, David JAHODA, Antonín SOSNA (Czech Republic)

22580 HIP RESURFACING - OUR EARLY EXPERIENCES UPON 25 CASES

Gabor JANOSITZ, Jozsef NEMES (Hungary)

Knee

19389 EARLY CLINICAL RESULTS OF TOTAL KNEE ARTHROPLASTY BETWEEN CT-BASED, CT-FREE NAVIGATION AND CONVENTIONAL TECHNIQUE

Kenji FUKUNAGA, Yukihide MINODA, Hiroyoshi IWAKI, Mitsuhiro IKEBUCHI, Tesshu IKAWA, Takahiro IIDA, Takuya UEMURA, Yusuke HASHIMOTO, Kunio TAKAOKA (Japan)

19390 INFLUENCE OF POSTERIOR CONDYLAR OFFSET ON MAXIMUM KNEE FLEXION AFTER A MODERN MOBILE-BEARING PS TYPE TOTAL KNEE ARTHROPLASTY

Kenji FUKUNAGA, Yukihide MINODA, Hiroyoshi IWAKI, Mitsuhiro IKEBUCHI, Tesshu IKAWA, Takahiro IIDA, Takuya UEMURA, Yusuke HASHIMOTO, Kunio TAKAOKA (Japan)

19513 SINGLE RADIUS KNEE DESIGN - ARE THEY BETTER THAN CONVENTIONAL MULTI-RADIUS

Vaibhav KASODEKAR (India)

20310 LONG TERM RESULTS AFTER KNEE ARTHROPLASTY

Gheorghe Ion POPESCU (Romania)

20441 PATELLOFEMORAL ARTHROPLASTY RESULTS ARE IN RELATION WITH ROTATION OF THE FEMORAL COMPONENT

Philippe HERNIGOU, Charles Henri FLOUZAT LACHIENETTE, Alexandre POIGNARD (France)

20495 EARLY RESULTS OF HIGH FLEXION TKA

Wael NASSAR, Rafik SADIK, Abdelfattah SAOUD, Ashraf ELSADDAWY, Sherif ABDELDAYEM (Egypt)

20582 ADVANCEMENTS IN 3D IMAGING TO AID IN

- RECONSTRUCTIVE SURGERY OF THE KNEE**
Emmanuel AUDENAERT, Peter MAHIEU, Fredrik ALMQVIST,
René VERDONK (Belgium)
- 20995 INDICATIONS OF THE MASSIVE PROSTHESES IN THE TREATMENT OF BONES TUMORS EXPLORATORY RESULTS BY THE WAY OF 10 CASES**
Mourad HAMIDANI, Zoubir KARA, Reda HARRAR (Algeria)
- 21081 FLEXION BALANCE WOULD NOT BE MAINTAINED IN TOTAL KNEE ARTHROPLASTY**
Yoshinori SODA, Takeshi SHOJI, Ko-ichiro NISHIKAWA, Osamu ISHIDA, Mitsuo OCHI (Japan)
- 21083 THE EFFECTS OF FEMORAL COMPONENT ROTATION ON FLEXION BALANCE IN TOTAL KNEE ARTHROPLASTY**
Yoshinori SODA, Takeshi SHOJI, Ko-ichiro NISHIKAWA, Osamu ISHIDA, Mitsuo OCHI (Japan)
- 21400 REPLACING SEVERELY VARUS KNEES IN RURAL INDIA USING EXTENSIVE MEDIAL RELEASES AND WIDER FEMORAL CUTS TO PREVENT USE OF WEDGES AND EXTENDERS**
Arindam BANERJEE, Rajiv CHATTERJEE, Arindam GANGULY (India)
- 21432 PREDICTION OF POSTOPERATIVE DEEP VEIN THROMBOSIS BY D-DIMER PLASMA MEASUREMENT IN PATIENTS UNDERGOING TOTAL KNEE ARTHROPLASTY**
Thanainit CHOTANAPHUTI (Thailand)
- 21434 POSTOPERATIVE BLOOD LOSS OF COMPUTER NAVIGATED MINI-INCISION SUBVASTUS APPROACH TKA (CMS-TKA) WITH AND WITHOUT TRANXAMINE**
Jatupon KONGTHARVONSKUL (Thailand)
- 21439 EVALUATION OF GASTROINTESTINAL AND CARDIOVASCULAR RISK OF NON-SELECTIVE NSAIDS AND COX-2 INHIBITORS IN ELDERLY PATIENTS WITH KNEE OSTEOARTHRITIS: AN EPIDEMIOLOGY STUDY**
Thana TURAJANE (Thailand)
- 21447 RESULT OF COMPUTER ASSISTED AND MINI-INCISION SUBVASTUS APPROACH TOTAL KNEE ARTHROPLASTY**
Jatupon KONGTHARVONSKUL, Thana TURAJANE (Thailand)
- 21471 PHYSICAL ASSESSMENT OF FUNCTION DIFFERS FROM**

- PATIENT REPORTED OUTCOME FOLLOWING TOTAL KNEE ARTHROPLASTY**
Hamish SIMPSON, David HAMILTON, Paul GASTON (United Kingdom)
- 21484 ASSESSMENT OF RADIOLOUCENT LINE AFTER CEMENTLESS TOTAL KNEE ARTHROPLASTY WITH TWO DIFFERENT IMPLANTS**
Kousuke SASAKI, Junichi ARIMA, Soichiro NAKANO, Takayuki TANAKA, Hiroshi NOMURA, Osamu TONO, Koji SAKURABA, Masayoshi OGA (Japan)
- 21537 CAUSATIVE FACTORS FOR PIN TRACT FRACTURE IN NAVIGATED TKA**
Teong-Wan EWE, Eng Keong CHEE, Wuey-Min NG (Malaysia)
- 21553 PRESSURE DISTRIBUTION ON PATELLOFEMORAL JOINT OF KNEE PROSTHESIS**
Takatomo MINE, Kazuhiko ICHIHARA, Itsuo SAKURAMOTO, Koichiro IHARA, Hiroyuki KAWAMURA, Yosikazu KUWABARA (Japan)
- 21617 SILENT CARDIAC CO-MORBIDITIES IN JOINT REPLACEMENT PATIENTS: A CAUSE FOR CONCERN?**
Vijay SHETTY, Bhushan SHITOLE (India)
- 21657 MANAGEMENT OF ISOLATED PATELLOFEMORAL OSTEOARTHRITIS WITH FACETTED DESIGNED PATELLOFEMORAL REPLACEMENT - EARLY EXPERIENCES**
Zoltan KOOS, Lehel BALINT (United Kingdom)
- 21690 GAIT ANALYSIS FOLLOWING CONTRALATERAL TOTAL KNEE REPLACEMENT FOR BILATERAL KNEE OSTEOARTHRITIS**
Yoshikazu KUWABARA, Takatomo MINE, Takashi YAMADA, Hiroyuki ENDO, Kouji MORI, Takasi SAITO, Koichiro IHARA, Hiroyuki KAWAMURA (Japan)
- 21714 THE RELATIONSHIP OF ANTEROPOSTERIOR, TRANSEPICONDYLAR AND POSTERIOR CONDYLAR AXIS OF THE FEMUR: A CADAVERIC STUDY**
Sukit SAENGNIPANTHKUL, Chatchawal SARNTIPIPHAT, Amnart CHAICHOON, Gowit CHAISIWAMONGKOL (Thailand)
- 21761 MINIMUM TEN YEAR RESULTS OF CEMENTLESS KNEE JOINT PROSTHESIS T.A.C.K.**

Miloslav PINK, Tomas PINK (Czech Republic)

- 21788 THE FATE OF GENDER SPECIFIC PROSTHESIS IN TOTAL KNEE ARTHROPLASTY**
Thana ROJPORNPRADIT, Aree TANAVALLEE, Sukree KHUMRAK, Srihatach NGARMUKOS (Thailand)
- 21798 COMBINATION OF CALCIUM HYDROXYAPATITE ANTIBIOTIC CARRIER (PEROSSAL*) WITH SPACERS IN PERIPROSTHETIC KNEE INFECTIONS**
Androniki DRAKOU, Vasileios SAKELLARIOU, Georgios KARALIOTAS, George BABIS, Panayiotis PAPAGELOPOULOS (Greece)
- 21852 BLOOD LOSS AFTER MINIMALLY INVASIVE TOTAL KNEE ARTHROPLASTY: COMPARISON BETWEEN PROCEDURES PERFORMED WITH AND WITHOUT ELECTROMAGNETIC COMPUTER NAVIGATION**
Satit THIENGWITTAYAPORN, Detchart JUNSRI, Aree TANAVALLEE (Thailand)
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