

Sixth SICOT/SIROT Annual International Conference

combined meeting with the

Royal College of Orthopaedic Surgeons of Thailand (RCOST)

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 (<i>Hall A1-A2</i>)	
19:00-20:00	Evening symposium sponsored by MSD (<i>Hall A3</i>)	Welcome Reception (<i>West Foyer</i>)

**Thursday, 29 October 2009
Hall A3**

PRE-CONFERENCE COURSE

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

Moderators:

Chumroonkiat LEELASESTAPORN (Thailand)

Polawat WITOOKOLLACHIT (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)

CONFERENCE

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)

CONFERENCE

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**
(Hall A3)

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	Joint: 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 **Joint: 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, SUBSIDIENCE 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 SHOAB (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 ARAS (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 DUCELLIER, Thomas APARD, Abdelhafid TALHA,
Patrick CRONIER, Pascal BIZOT (France)

**22083 FUNCTIONAL OUTCOMES OF OPERATIVE
TREATMENT OF DISTAL HUMERUS FRACTURES**

Alexander FROLOV, Nikolay ZAGORODNIY, Alexey
SEMENISTYIY, 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 SAENGNIPIANTHKUL³

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**

Yangquan 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 COMMUNUTED 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 RYDEVİK (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 HANSSEN,

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 OSTEOMYELITIS – 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-1 β -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, Tiedo 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:

Saranatra WAIKAKUL

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

Udom KACHINTORN

FIBROMYALGIA: FROM ILLUSION TO SOLUTION

Pradit PRATEEPAVANICH

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 HEINRICH, 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 TANAVALLEE, 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, Khaleeque 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, Frasn 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)

Wutipong 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**

Evgeny MALYSHEV, Alexey SMIRNOV, Andrey
VOROBYOV (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 SENARIO**

Wajahat 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 MCGLASSON, 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 GHAFAR (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, Sasvimol RATTANASIRI, Ammarin

THAKKINSTIAN (Thailand)

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

Uddin SHAHAB, 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 UNNIKRIISHNAN, 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 SLONGO (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 EIZADPANAH, 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 (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 (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, Seyed 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
Maher 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)

Api pope KRITSANEEPHAIBOON (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)

Lectures

**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

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: 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 Hussein 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 ATEALP (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, Uddin SHAHAB (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, Porntip 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 TEKESIN (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 MALUNGPAISHROPE (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 MALUNGPAISHROPE, 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, David TAYLOR, Munawar SYED (United 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 COMMINUTED 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: Ankle/Foot

- 22329 RESORBABLE MTP ARTHROPLASTY FOR HALLUX RIGIDUS: RATIONALE AND SOME CLINICAL RESULTS**
Eyal HELLER, Dror ROBINSON (Israel)

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)

Arthroplasty: 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, Teshu 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 HEINRICHS, 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 PORNATTANARAK, 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, Antonin SOSNA (Czech Republic)

22580 HIP RESURFACING - OUR EARLY EXPERIENCES UPON 25 CASES

Gabor JANOSITZ, Jozsef NEMES (Hungary)

Arthroplasty: 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, Teshu 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, Teshu 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 RADIOLOGIC 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**
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Degenerative Diseases: Elbow

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Degenerative Diseases: Femur

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Degenerative Diseases: Hand/Wrist

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- 21753 IMMUNOHISTOCHEMICAL PROFILE OF THE EXTRACELLULAR MATRIX OF THE HUMAN LUNOTRIQUETRAL LIGAMENT**
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- 22316 COMPARING CLINICAL AND ELECTRODIAGNOSIS EVALUATION IN CARPAL TUNNEL SYNDROME**

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Degenerative Diseases: Hip

- 20788 TREATMENT OF PELVIC OBLIQUITY AND HIP DEFORMITY**
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- 21183 TOTAL HIP ARTHROPLASTY FOR STAGE IV ASEPTIC
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- 21376 A NEW METHOD FOR THE TREATMENT OF THE
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- 21679 JOINT SPACE WIDENING IN SYNOVIAL CHONDROMATOSIS
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- 22464 PATHOLOGICAL DISLOCATION OF HIP: AN UNUSUAL
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Harpreet SINGH, Yuvarajan PALANISAMY, Lalit MAINI, V.K.
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Degenerative Diseases: Humerus

- 21975 GIANT CELL TUMOR (GCT) OF BONE: 3 DECADES EXPERIENCE**
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Degenerative Diseases: Knee

- 19827 MEDICAMENTAL MODIFICATION OF BLOOD SERUM AS A MEANS OF TRANSFUSION CHONDROPROTECTION OF JOINTS AT POST-TRAUMATIC OSTEOARTHRITIS**
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- 21412 GENE THERAPY IN JOINT CARTILAGE REGENERATION- EXPERIMENTAL STUDY IN SHEEP**
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- 21491 STUDY TO EVALUATE THE USEFULNESS OF HIGH TIBIAL OSTEOTOMY**
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- 21557 SHORT-TERM EVALUATION OF EFFICACY AND SAFETY OF TRANSDERMAL-FENTANYL IN MODERATE PAIN IN PATIENTS WITH KNEE OSTEOARTHRITIS**
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- 22287 SPONTANEOUS ISCHEMIC NECROSIS OF THE KNEE**
Paul Dan SIRBU, Paul BOTEZ, Adriana NITESCU, Aurora CRETU (Romania)
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- 22480 OSTEOARTHRITIC CHANGES OF THE PATELLOFEMORAL JOINT IN STR/ORTCRLJ MICE ARE THE EARLIEST DETECTABLE CHANGES AND MAY BE CAUSED BY INTERNAL TIBIAL TORSION**
Kouji NARUSE, Ken URABE, Kentaroo UCHIDA, Mritoshi ITOMAN (Japan)

Degenerative Diseases: Shoulder

- 20569 ADULT-ONSET STILL`S DISEASE - A RARE OSTEOARTHRITIS ENTITY FOR THE ORTHOPEDIC SURGEON**
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- 20872 SMOKING AND SLEEPING IN DECUBITUS POSITION INCREASE RISK**
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- 21184 EVALUATION OF MR IMAGING FOR LONG-TERM HEMODIALYSIS-RELATED SHOULDER**
Yasushi FUKAYA, Koji SATO, Shunsuke HAMADA, Shinji KITAMURA (Japan)

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- 19619 DECISION MAKING IN SACRAL TUMORS**
Ajay PURI, M. AGARWAL (India)
- 19753 STAND ALONE MULTIPLE LEVEL ANTERIOR CERVICAL FUSION USING POLYETHERETHERKETONE (PEEK) CAGES CONTAINING CALCIUM SULPHATE PELLETS**
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- 19773 REDUCTION OF HIGH GRADE SPONDYLOLISTHESIS WITH TRANSFORAMINAL LUMBAR INTERBODY FUSION. IS IT SAFE?**
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- 19775 UNILATERAL TRANSFORAMINAL LUMBAR INTERBODY FUSION (TLIF) FOR EARLY ONSET POST - DISCECTOMY SPONDYLODISCITIS**
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- 19780 CIRCUMFERENTIAL RESECTION OF AGGRESSIVE OSTEOLASTOMA OF THE CERVICAL SPINE**
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- 19831 TOTAL SPONDYLECTOMY OF C2: A NEW SURGICAL TECHNIQUE**
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- 20422 COMPARATIVE STUDY OF ANTERIOR VERSUS POSTERIOR DECOMPRESSION IN OLD PATIENTS OF CERVICAL MYELOPATHY WITH CO-MORBID CONDITIONS**
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Vladyslav POVOROZNYUK, Volodymyr VAYDA, Nataliia DZEROVYCH (Ukraine)
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- 20953 EFFECT OF STRONTIUM RANELATE ON VERTEBRAL PAIN SYNDROME IN POSTMENOPAUSAL WOMEN WITH SYSTEMIC OSTEOPOROSIS TREATMENT**

- Vladyslav POVOROZNYUK, Nataliia DZEROVYCH, Tetyana ORLYK (Ukraine)
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- 22315 NUMBER AND FUNCTIONAL ACTIVITY OF BONE-MARROW DERIVED ENDOTHELIAL PROGENITOR CELLS INVERSELY CORRELATE WITH DEGREE OF INTERVERTEBRAL DISC DEGENERATION**
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- 22366 DESMOPLASTIC FIBROMA OF THE SPINE: REPORT OF TWO CASES AND REVIEW OF LITERATURE**
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- 21832 BREAST CARCINOMA WITH FIRST SYMPTOMATOLOGY IN BONE - A CASE REPORT IN A YOUNG MALE**
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- 21839 TUMORAL SPINE, A CASE PRESENTATION**
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- 22040 QUALITY OF DOCUMENTATION IN ORTHOPAEDIC NOTES**
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- 22269 CLINICAL AND HISTOLOGICAL RESULTS USING OF A BIPHASIC MACROPOROUS CERAMIC (CERAFORM®) AS BONE SUBSTITUTE**
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- 22518 HIGHLY FOCUSED ULTRASOUND: MILD HYPERTHERMIA IN BONE TISSUE**
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- 20133 MINIMALLY INVASIVE SURGERY OF METATRSALGIA**
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- 21691 ENDOSCOPIC PARTIAL PLANTAR FASCIOTOMY FOR THE TREATMENT OF PLANTAR FASCIITIS**
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- 22199 INVESTIGATION OF SAFETY METHOD IN**

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- 22572 PRELIMINARY REPORT OF PERCUTANEOUS TRIGGER
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- 21977 MINIMAL INVASIVE SINGLE-INCISION IN TOTAL HIP
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A. Attila SZEPLAKI, Florin RACASAN, (Romania)

- 22071 MODIFIED HUETER APPROACH (AMIS) IN TOTAL HIP
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- 21395 ARTHROSCOPIC INDENTATION TEST TO ASSESS**

- ARTICULAR CARTILAGE STIFFNESS**
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- 21650 TRUFITM SYSTEM FOR OSTEOCHONDRAL LESION OF
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- 21936 MINIMALLY INVASIVE TOTAL KNEE ARTHROPLASTY: AN
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- 21940 CHRONIC PATELLAR INSTABILITY IN YOUNG PATIENTS:
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- 22194 ARTHROSCOPIC SYNOVECTOMY FOR THE PIGMENTED
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- 22347 INTERMEDIATE TERM RESULTS OF MULTISTAGED SURGICAL MANAGEMENT OF KNEE DISLOCATION**
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- 20765 FUNCTIONAL OUTCOME AND QUALITY OF LIFE AFTER ARTHROSCOPICALLY ASSISTED MINI OPEN ROTATOR CUFF REPAIR**
Karthik MURUGAPPAN, H.L. NAG (India)
- 21024 ARTHROSCOPIC DEBRIDEMENT COMBINED WITH BICEPS TENOTOMY IN MASSIVE IRREPARABLE ROTATOR CUFF TEARS**
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- 21500 PERCUTANEOUS METHOD FOR THE TREATMENT OF ACROMIOCLAVICULAR DISLOCATION**
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- 22062 ACJ PORTAL PLACEMENT REVISITED**
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- 22394 ARTHROSCOPIC SUBACROMIAL DECOMPRESSION FOR TYPE II AND TYPE III IMPINGEMENT SYNDROM**
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- 20006 COMPUTER AIDED PERCUTANEOUS VERTEBROPLASTY AND KYPHOPLASTY USING EFILM WORKSTATION SOFTWARE**
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- 21701 STRESS FRACTURE OF BILATERAL POSTERIOR FACET**
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- 21735 CANAL REMODELING AND NEUROLOGICAL RECOVERY IN POSTERIOR INSTRUMENTATION OF THORACOLUMBAR AND LUMBAR BURST FRACTURES**
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- 21927 LASER ASSISTED SPINAL ENDOSCOPY (LASE) FOR THE TREATMENT OF CENTRAL LUMBAR DISC HERNIATION WITH NEUROGENIC CLAUDICATION**
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- 22211 OUTCOME OF SINGLE LEVEL POSTERIOR LUMBAR INTERBODY FUSION FOR DEGENERATIVE SPONDYLOLISTHESIS**
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- 22030 SHORTCOMINGS OF THE PAYMENT BY RESULT SYSTEM: FOR ARTHROSCOPIC PROCEDURES**
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- 22587 ACETABULUM AND PELVIC RECONSTRUCTIONS WITH MASSIVE ALLOGRAFTS**
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21175 MINIMALLY INVASIVE PLATE OSTEOSYNTHESIS IN TIBIA FRACTURES
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21840 ROLE OF CALCIUM HYDROXYAPATITE IN DEPRESSED TIBIAL PLATEAU FRACTURE
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19324 OUTCOME OF OPEN REDUCTION AND INTERNAL FIXATION OF NEGLECTED LATERAL CONDYLE FRACTURE IN CHILDREN
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19950 COMPARATIVE ANALYSIS OF PODOGRAPHY AND RADIOGRAPHY IN THE MANAGEMENT OF IDIOPATHIC CLUBFOOT BY PONSSETI'S TECHNIQUE
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20768 TREATMENT OF CTEV BY THE PONSSETTI METHOD USING THE PIRANI METHOD FOR EVALUATING THE DEFORMITIES
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20791 TREATMENT OF CONGENITAL AND ACQUIRED FOOT DEFORMITIES WITH EXTERNAL FIXATIONS
Ghassan SALAMEH, Michael SCHMIDT (Syria)

21393 THE ISCHAEMIC FOOT IN THE INFANT - THE ORTHOPAEDIC CHALLENGE
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21702 MANAGEMENT OF NEGLECTED CTEV (THE INDIAN SCENARIO)
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- 22296 APPLICATION OF PONSETI PRINCIPLE FOR CORRECTION OF NEGLECTED AND RELAPSED CLUB FOOT WHILE CORRECTING WITH ILIZAROV FIXATOR**
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- 22414 NEUROMUSCULAR EDUCATION AS AN INTEGRAL COMPONENT OF CLUBFOOT THERAPY IN PATIENTS UNDERGOING DIFFERENTIAL DISTRACTION**
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- 22428 UNILATERAL FOOT ABDUCTION ORTHOSIS IS EFFECTIVE IN IDIOPATHIC CLUB FOOT**
L. Harvey GEORGE, P. Nithin UNNIKISHNAN, Neeraj GARG, Jayanth SAMPATH, Colin BRUCE (United Kingdom)

Paediatrics: Elbow

- 20731 SUPRACONDYLAR LATERAL CLOSING WEDGE OSTEOTOMY IS STILL AN EFFECTIVE AND SAFE TREATMENT OF CUBITUS VARUS DEFORMITY**
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- 21244 OUTCOME OF OPEN REDUCTION AND CROSSED K-WIRE FIXATION IN SEVERELY DISPLACED SUPRACONDYLAR FRACTURES OF THE HUMERUS IN CHILDREN**
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- 21396 ELBOW DISLOCATIONS ASSOCIATED WITH LATERAL CONDYLE FRACTURE IN CHILDREN**
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- 21631 LOWER HUMERAL EPIPHYSIS INJURY IN CHILDREN, AN UNCOMMON INJURY BUT COMMONLY MISDIAGNOSED: OUR EXPERIENCE OF 23 CASES**
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- 21829 MANAGEMENT OF CHRONIC RADIAL HEAD DISLOCATION IN CHILDREN AFTER MONTEGGIA FRACTURE**
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22393 PENTALATERAL OSTEOTOMY REVISITED

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Paediatrics: Femur

21247 FEMORAL SHAFT FRACTURES IN CHILDREN: STABILITY OF ESIN FIXATION

Khaled Hamed SALEM (Egypt)

Paediatrics: Forearm

20803 ANALGESIA IN PAEDIATRIC FRACTURES

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Paediatrics: Hand/Wrist

20823 LARGE GIANT CELL TUMOR OF FIRST METACARPAL: A MANAGEMENT DILEMMA – A CASE REPORT

Sudeep JAIN (India)

Paediatrics: Hip

20854 PROXIMAL FEMORAL RESECTION - INTERPOSITION ARTHROPLASTY FOR PAINFUL HIP DISLOCATION IN CEREBRAL PALSY

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21121 OUTCOME OF PELVIC SUPPORT OSTEOTOMY COMBINED WITH SIMULTANEOUS FEMORAL LENGTHENING WITH THE USE OF THE ILIZAROV METHOD FOR THE LATE SEQUELAE OF INFANTILE HIP INFECTION

- Slawomir ZACHA, Maciej KOLBAN (Poland)
- 21209 SURGICAL TREATMENT OF DEVELOPMENTAL DYSPLASIA OF THE HIP AFTER WALKING AGE GROUP**
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- 21624 SEPTIC ARTHRITIS OF THE HIP IN 73 CHILDREN**
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- 21954 THE SURGICAL TREATMENT OF THE II TYPE KALAMCHI DEFORMITIES IN CHILDREN**
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- 21956 USING OF THE POSTERIOR ROTATIONAL HIP OSTEOTOMY IN TREATMENT OF POSTSEPTIC MULTIPLANE DEFORMITY IN CHILDREN**
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- 21962 THE FORMATION OF THE II TYPE DEFORMITIES ACCORDING KALAMCHI AFTER AVASCULAR NECROSIS OF THE FEMORAL HEAD IN CHILDREN**
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- 22023 THE PROGNOSTIC SIGNIFICANCE OF VARIOUS RADIOLOGICAL "RISK SIGNS" AT PERTHES DISEASES UNFAVORABLE COURSE**
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- 22044 ADDUCTORS TENOTOMY IN CEREBRAL PALSY**
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- 22045 THE DIAGNOSTICS OF OSTEOID OSTEOMA OF THE PROXIMAL PART OF THE FEMUR IN CHILDREN**
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- 22415 PREOPERATIVE FERRITIN ESTIMATION IS IMPORTANT IN**

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P. Nithin UNNIKRISHNAN, L. Harvey GEORGE, Deepak SHIVARATHRE, Jayanth SAMPATH, Alf BASS (United Kingdom)

- 22423 THE USE OF BOTULINUM TYPE A IN 84 CHILDREN WITH CEREBRAL PALSY**
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- 20251 FRACTURES AFTER BONE LENGTHENING**
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- 20806 ANTERIORLY DISPLACED SUPRACONDYLAR FRACTURES OF THE HUMERUS ARE CAUSED BY LATERAL ROTATION INJURY: A NEW HYPOTHESIS**
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- 22133 CAMPANICCI TYPE 5 ABC TREATED WITH NON VASCULARIZED FIBULA & AUTOGENIC CANCELLOUS GRAFT - A CASE REPORT**
Ashish GOHIYA, Arjun JAIN, Anoop MEHROTRA, Nirbhay SHRIVASTAVA (India)

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- 19921 A CASE STUDY OF CONGENITAL DISLOCATION OF BOTH KNEE ITS EARLY TREATMENT AND OUT COME**
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- 20493 BIL-MEGAPATELLARS WITH CHRONIC INFANTILE NEUROLOGIC CUTANEOUS ARTICULAR (CINCA) SYNDROME**
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- 21640 ROLE OF MRI IN DETECTING EARLY PHYSEAL CHANGES DUE TO ACUTE OSTEOARTICULAR INFECTION AROUND THE KNEE JOINT**
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- 21745 THE ROLE OF MRI IN DIAGNOSIS OF KNEE**

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Mohamed ALKENINI, Adnan ALZAHRANI, Mohamed Al Hossan FACHRTZ, Maher ALZAHRANI (Saudi Arabia)

22080 USE OF ASYMETRIC STAPLING FOR TREATMENT BLOUNT DISEASE

Mihail GERASIMENKO, Alexandr BELETSKI, Aleh SAKALOUSKI, Sergey SEDJUCHENKO, Andrei DZEMIANTSOU, Uryi LIHACHEVSKIY (Belarus)

22195 STAPLING GROWTH PLATE FOR CORRECTION LEG LENGTH DISCREPANCY AND ANGULAR DEFORMITY

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Paediatrics: Shoulders

20809 MASSIVE OSTEOCHONDROMA OF SCAPULA REQUIRING TOTAL SCAPULECTOMY - A CASE REPORT AND BRIEF REVIEW OF LITERATURE

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21397 PYOGENIC OSTEOMYELITIS OF THE CLAVICLE IN CHILDREN

Mahomed Noor RASOOL (South Africa)

22270 OPEN REDUCTION AND INTERNAL FIXATION OF IRREDUCIBLE DISPLACED FRACTURES OF THE CLAVICLE SHAFT IN CHILDREN

Javier MASQUIJO, Baxter WILLIS (Canada)

Paediatrics: Spine

19752 THREE-STAGED CORRECTION OF SEVERE RIGID IDIOPATHIC SCOLIOSIS USING HALO-GRAVITY TRACTION

Mohammed ELSHARKAWI, Wael KOPTAN, Yasser ELMILIGUI, Wael HAMAD (Egypt)

19763 THREE DIMENSIONAL CORRECTION OF NEUROFIBROMATOSIS SCOLIOSIS

Mohammed ELSHARKAWI, Wael KOPTAN, Yasser ELMILIGUI, Wael HAMAD (Egypt)

- 19952 THE ROLE OF POSTERIOR SPINAL FUSION IN HEALED POST-TUBERCULAR KYPHOSIS IN CHILDREN**
Vikas TRIVEDI (India)
- 20669 COMBINED ANTERIOR AND POSTERIOR CORRECTION OF ADOLESCENT IDIOPATHIC SCOLIOSIS IN THE LATERAL DECUBITUS POSITION - A DIFFERENT TECHNIQUE**
Raju KARUPPAL (India)
- 20820 PEDICLE SHIFTING OR MIGRATION AS A CAUSE OF CURVE PROGRESSION AFTER POSTERIOR FUSION: AN INTERESTING CASE REPORT AND REVIEW OF LITERATURE**
Sudeep JAIN (India)
- 20891 RAPID PROTOTYPING TECHNOLOGY (RPT) FOR SPINAL DEFORMITY: A CASE REPORT**
Nanjundappa S. HARSHAVARDHANA, Brian J.C. FREEMAN, Vaibhav B. BAGARIA, Abhaykumar M. KUTHE (United Kingdom)
- 20892 MANAGEMENT OF MULTI-PLANAR CERVICO-THORACIC DEFORMITIES IN PEDIATRIC SPINE: MINIMUM THREE YEAR FOLLOW-UP RESULTS**
Nanjundappa S. HARSHAVARDHANA, Mihir R. BAPAT, Kshitij C. CHAUDHARY, Vinod J. LAHERI (United Kingdom)
- 21140 GIANT CERVICAL EXOSTOSIS - A CASE REPORT**
Harish RAO, Subhash JAKHERIA (India)
- 21454 THE EFFECT OF PROXIMAL JUNCTIONAL KYPHOSIS (PJK) IN PATIENTS THAT UNDERWENT SPINAL SURGERY FOR SCOLIOSIS: TWO YEARS OF FOLLOW UP**
Cristina SACRAMENTO-DOMINGUEZ, Luis COLL-MESA, Raquel VAYAS-DIEZ, Alejandro JIMENEZ-SOSA (Spain)
- 21476 INFLUENCE OF THE MODIFICATION OF THE LUMBAR CURVE ON THE BALANCE OF THE SHOULDERS IN THE PATIENTS INTERVENED BY SCOLIOSIS**
Cristina SACRAMENTO-DOMINGUEZ, Luis COLL-MESA, Raquel VAYAS-DIEZ, Patricia SANCHEZ, Angeles AYALA-RODRIGO, Alejandro JIMENEZ-SOSA (Spain)
- 21715 A META-ANALYSIS OF THE CLINICAL EFFECTIVENESS OF SCHOOL SCOLIOSIS SCREENING**
Chun Fan LEE, Daniel Yee Tak FONG, Kenneth Man Chee CHEUNG, Jack Chun Yiu CHENG, Bobby Kin Wah NG, Kwok Hang MAK, Paul Siu Fai YIP, Keith Dip Kei LUK (China)

- 21851 RELIABILITY AND VALIDITY OF ADAPTED THAI VERSION OF SCOLIOSIS RESEARCH SOCIETY-22 (SRS-22) QUESTIONNAIRE**
Pittavat LEELAPATTANA, Gun KEAWROJANA (Thailand)
- 21897 A PRACTICAL CLASSIFICATION OF THE DISTAL RADIUS AND ULNA RADIOGRAPH FOR ASSESSING SKELETAL MATURITY**
L.B. SAW, Kenneth M.C. CHEUNG, Samuel GROZMAN, Keith Dip-Kei LUK (Malaysia)
- 22015 DIAGNOSTICS AND TREATMENT OF INITIAL DEGREES OF CONGENITAL HIGH POSITION OF SCAPULA (CHPS)**
Dmitry KOLCHIN (Russia)
- 22020 DIAGNOSTICS AND TREATMENT OF INITIAL STAGES OF DYSPLASTIC SCOLIOSIS**
Dmitry KOLCHIN (Russia)
- 22055 THE RADIOLOGICAL THREE-DIMENSIONAL METHODOLOGY OF SCOLIOTIC SPINE DEFORMITIES EXPRESSIVENESS ESTIMATION**
Darya TESAKOVA, Alexander BELETSKY, Dmitry TESAKOV, Nataliya MICHASEVICH, Sergej MAKAREVICH (Belarus)
- 22078 RADIOLOGICAL INDICATORS OF SURGICAL SPINE DEFORMITIES MOBILITY AND CORRECTION**
Darya TESAKOVA, Dmitry TESAKOV (Belarus)
- 22102 EISENMENGGERS SYNDROME WITH SCOLIOSIS: CASE REPORT**
Mehmet Bulent BALIOGLU, Mehmet Akif KAYGUSUZ, Kadir ABUL (Turkey)
- 22104 OBSERVATIONS OF SPINAL DEFORMITIES IN PATIENTS WITH SPINA BIFIDA**
Mehmet Bulent BALIOGLU, Mehmet Akif KAYGUSUZ, Aysegul BURSALI (Turkey)
- 22110 AN ANALYSIS OF INTRAOPERATIVE BLOOD LOSS DURING DIFFERENT STAGES OF SCOLIOSIS SURGERY- A RANDOMIZED PROSPECTIVE STUDY IN 34 PATIENTS**
Hitesh MODI, Seung-Woo SUH, Jae-Hyuk YANG, Jae-Young HONG (Korea)
- 22117 PEDICLE-SCREW-ONLY CONSTRUCTS WITH LUMBAR OR PELVIC FIXATION FOR SPINAL STABILIZATION IN**

PATIENTS WITH DUCHENNE MUSCULAR DYSTROPHY

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

22123 SURGICAL CORRECTION AND FUSION USING POSTERIOR-ONLY PEDICLE SCREW CONSTRUCT FOR NEUROPATHIC SCOLIOSIS IN PATIENTS WITH CEREBRAL PALSY - A THREE YEAR FOLLOW-UP STUDY

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

Paediatrics: Systemic**20356 MULTICENTRIC TUBERCULOSIS OF TWO RARE SITES IN AN IMMUNOCOMPETENT CHILD**

Saurabh SINGH, Anil K. RAI, Chethan NAGRAJ (India)

21285 LONG-TERM OUTCOMES OF BONE AND JOINT INFECTION IN CHILDREN

Peerapat JIRARATTANANUKUL, Patarawan WORATANARAT (Thailand)

21884 BENIGN CARTILAGE TUMORS: OUR EXPERIENCE IN DIAGNOSTICS AND SURGICAL TREATMENT

Ludmila PASHKEVICH, Ihar SHPILEUSKI, Oleg SAKALOUSKI, Natalia GOLUTVINA (Belarus)

22001 RADIOLOGICAL EVALUATION OF ATYPICAL PRESENTATIONS AND DIFFICULT IMAGING SITES OF MUSCULOSKELETAL TUBERCULOSIS

Aashish CHAUDHRY, Sudhir K. KAPOOR (India)

22165 USING AN ACTIVE HYDROXYAPATITE OSTIM WITH AUTOGENOUS BONE GRAFTING IN BENIGN CYSTIC LESION OF BONE - AN EXPERIENCE OF 10 CASES

Atul JAIN, Amite PANKAJ (India)

22255 MULTIPLE EXOSTOSIS DISEASE: FINDING THE PATIENTS AT RISK

Ana TORRES, Joaquin FERNANDEZ TORAL, Roberto IGLESIAS, Antonio MURCIA ASENSIO, Antonio MURCIA MAZON (Spain)

Paediatrics: Tibia/Fibula

- 20629 CHRONIC RECURRENT MULTIFOCAL OSTEOMYELITIS (CRMO) AS AN INDIRECT CAUSE OF STRESS FRACTURE**
Sandor ROTH (Croatia)
- 20790 NEW HINGE SYSTEM IN THE TREATMENT OF LIMB LENGTHENING AND AXIAL DEVIATIONS**
Ghassan SALAMEH, Michael SCHMIDT (Syria)
- 21032 NEOPLASTIC PRESENTATION OF HYDATID CYST: A CASE REPORT**
Anubhav AGARWAL, Amit AGARWAL (India)
- 22131 PHYSEAL INJURIES OF THE DISTAL TIBIA - LONG TERM RESULTS IN 376 PATIENTS**
Mark SCHURZ, Harald BINDER, Patrick PLATZER, Stefan HAJDU, Martin SCHULZ, Vilmos VECSEI (Austria)

Sports Medicine

- 19345 A PAEDIATRIC FEMORAL PCL SOFT TISSUE AVULSION**
Adil AJUIED, Ponky FIRER (South Africa)

Sports Medicine: Ankle/Foot

- 21025 TREATMENT OF RUPTURE OF THE ACHILLES TENDON WITH FIBRIN SEALANT**
Cüneyt TAMAM, Mesih KUSKUCU (Turkey)
- 21519 ACCELERATED REHABILITATION AFTER RECONSTRUCTION OF THE CHRONIC ACHILLES TENDON RUPTURE**
Ken INNAMI, Masato TAKAO, Fumito KOMATSU, Kazuhiro OTSUKA, Takashi MATSUSHITA (Japan)
- 22293 ANALYSIS OF FOOT PRESSURE IN PATIENTS WITH HALLUX VALGUS DURING STAIR ASCENDING AND DESCENDING**
Shih KAO-SHANG, Chang CHU-FEN, Lu TUNG-WU (Taiwan)

Sports Medicine: Elbow

- 21050 MINI-OPEN MUSCLE RESECTION PROCEDURE FOR LATERAL AND MEDIAL EPICONDYLITIS**
Byung-Ki CHO, Yong-Min KIM, Hyun-Chul LEE, Seung-Hwan BAE (Korea)
- 21053 INCOMPLETE COMPRESSIVE NEUROPATHY OF POSTERIOR INTEROSSEOUS NERVE CAUSED BY GANGLION-MISDIAGNOSED AS THE RUPTURE OF COMMON EXTENSOR MUSCLE**
Byung-Ki CHO, Yong-Min KIM, Hyun-Chul LEE, Seung-Hwan BAE (Korea)

Sports Medicine: Knee

- 20660 LONG TERM RESULTS OF ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION: A COMPARISON WITH NON-OPERATIVE TREATMENT WITH A FOLLOW-UP OF 15 TO 20 YEARS**
Radovan MIHELIC, Tea SCHNURRER L VRBANIC, Hari JURDANA (Croatia)
- 20924 EFFECT OF TUNNEL POSITION FOR ANATOMIC SINGLE-BUNDLE ACL RECONSTRUCTION ON KNEE BIOMECHANICS IN A PORCINE MODEL**
Yuki KATO, Sheila INGHAM, Cesar ANTONIO DE QUADROS MARTINS, Patrick SMOLINSKI, Freddie FU (United States)
- 21075 RESIDUAL LAXITY AND FUNCTION OF THE KNEE AFTER SCREW FIXATION OF THE ISOLATED PCL AVULSION FROM THE TIBIAL ATTACHMENT**
Pariyut CHIARAPATTANAKOM, Kanchai MALUNGPAISHROPE, Charoenchai PAKPIANPAIROJ, Prasert LIUPOLVANISH (Thailand)
- 21214 MEDIAL PATELLOFEMORAL LIGAMENT REPAIR FOR POST-TRAUMATIC DISLOCATION OF PATELLA - OUR EXPERIENCE**
Ashok MARUDANAYAGAM, David WILLIAMS, Mohammad YAQOOB, Satish DHOTRE (United Kingdom)
- 21230 TIBIAL FIXATION OF HAMSTRING TENDON WITHOUT HARDWARE FOR ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION - A NEW TECHNIQUE**

- Taher EID, Elsayed MORSI MOHAMED (Egypt)
- 21289 POSTERIOR TIBIAL SLOPE: IS IT A RISK FACTOR FOR ACL INJURIES?**
Erik HOHMANN, Michelle TAY, Kevin TETSWORTH, Adam BRYANT (Australia)
- 21292 THE LEARNING CURVE IN TUNNEL PLACEMENT IN ACL RECONSTRUCTION**
Erik HOHMANN, Adam BRYANT, Kevin TETSWORTH (Australia)
- 21365 THE SLOPE OF ACL BUNDLES FOR ACCURATE TRANSTIBIAL ANATOMIC RECONSTRUCTION: A CADAVERIC STUDY**
Ayman Farouk ABDEL-KAWI, Hisham EL KADY, Mohammed ABD ELHAMID, Hatem Galal SAID, Said Anwar HASSAN, Maher Abd Elsalam ASSAL (Egypt)
- 21490 ARTHROSCOPIC ACL RECONSTRUCTION USING BONE PATELLAR TENDON BONE AUTOGRAFT VERSUS QUADRUPLE HAMSTRING TENDON GRAFT**
Karthik NEELAKANDAN, Kanthimathi BALASUBRAMANIAN, Naveen Chowdary TUMMALA (India)
- 21765 CORRELATION BETWEEN SYNOVIAL FLUID AND SERUM IL-1 β LEVELS**
Nikica DARABOS, Zeljka HUNDRIC HASPL, Miroslav HASPL, Carsten MOSER, Esmat ELABJER, Marko PECINA (Croatia)
- 21820 CARTILAGE INJURY OF KNEE: A DESCRIPTIVE STUDY**
Kiran Kumar Vedavyasa ACHARYA, Vivek PANDEY, Sripathi RAO (India)
- 21823 STUDY THE PATTERN OF MENISCAL INJURIES IN ANTERIOR CRUCIATE LIGAMENT DEFICIENT KNEE**
Kiran Kumar Vedavyasa ACHARYA, Vivek PANDEY, Sripathi RAO (India)
- 21899 SEMITENDINOSUS REGROWTH TO ANATOMICAL TIBIAL INSERTION IN RABBIT**
Kousuke TABUCHI, Takashi SOEJIMA, Hidetaka MURAKAMI, Tomonoshin KANAZAWA, Michihiro KATOUDA, Megumi NOYAMA, Takashi INOUE, Koji NOGUCHI, Hideki YASUNAGA, Hiizu HARA, Kensei NAGATA (Japan)
- 21948 MENISCUS REGENERATION BY A TENDON AUTOGRAFT**

WITH RECOMBINANT HUMAN BONE MORPHOGENETIC PROTEIN-2

Yoshifumi NAKA, Yusuke HASHIMOTO, Kunio TAKAOKA
(Japan)

22008 THE ROLE OF ARTHROSCOPY OF THE KNEE IN SPORTS INJURIES - 24 YEARS EXPERIENCES

Miroslav LAZAROV, Snezana LAZAROVA (Macedonia)

22381 ANATOMICAL STUDY OF BONY LANDMARKS OF THE ANTERIOR CRUCIATE LIGAMENT FEMORAL AND TIBIAL FOOTPRINTS

Chanin LAMSAM, Korakot CHARAKORN, Nutchaya AMORNMETTAJIT (Thailand)

22400 SUPERIOR POLE SLEEVE FRACTURE POST PATELLAR STABILISATION

Stephen BRENNAN, Ray MORAN (Ireland)

Sports Medicine: Shoulder

20388 ISOLATED SUBSCAPULARIS TEAR IN 12-YEAR-OLD ADOLESENT PLAYER: A CASE REPORT

Saurabh SINGH (India)

20934 AUTOGENOUS SEMITENDINOSIS HAMSTRING GRAFT FOR ACROMIOCLAVICULAR JOINT CAPSULAR RECONSTRUCTION IN HIGH GRADE ACROMIOCLAVICULAR JOINT DISLOCATIONS

Saurabh SINGH, Ghanshyam KHARE (India)

21228 2 CASES OF THE CLAVICLE FRACTURES CAUSED BY NECK BRACE FOR PROFESSIONAL MOTOCROSS RIDERS

Ichiro NAKAYAMA (Japan)

21549 COMPARATIVE EVALUATION OF OPEN VERSUS ARTHROSCOPIC SURGERY FOR ANTERIOR TRAUMATIC INSTABILITY OF THE SHOULDER

Tae-Soo PARK, Kee-Cheol PARK (Korea)

21554 ARTHROSCOPIC EN BLOC RESECTION OF THE DISTAL CLAVICLE IN THE ACROMIOCLAVICULAR JOINT LESION

Tae-Soo PARK, Jong-Heon KIM (Korea)

22458 VOLUNTARY DISLOCATION OF SHOULDER

Harpreet SINGH, Yuvarajan PALANISAMY, Lalit MAINI, V.K. GAUTAM (India)

Sports Medicine: Spine

- 19750 DIRECT REPAIR OF MULTIPLE LEVEL LUMBAR SPONDYLOLYSIS BY A CABLE SCREW CONSTRUCT**
Mohammed ELSHARKAWI, Wael KOPTAN, Yasser ELMILIGUI, Wael HAMAD (Egypt)

Sports Medicine: Systemic

- 21016 MEDICAL SUPPORT FOR PROFESSIONAL FOOTBALL PLAYERS**
Yoshihisa YATABE (JAPAN)
- 21253 TRAMPOLINE INJURIES - WE MUST JUMP TO PREVENT THEM!**
Nemandra SANDIFORD, Sudhir RAO, Alexandrios HOTOURAS (United Kingdom)
- 22324 THE EPIDEMIOLOGY OF SPORTS INJURY DURING THE THAILAND NATIONAL GAMES 2008 IN PHITSANULOK**
Artit LAORUENGTHANA, Paisan POOSAMSAI, Tharinee FANGSANAU, Pattrawan SUPANPAIBOON, Kasame TUNGKASAMESAMRAN (Thailand)
- 22607 ICE-SKATING INJURIES: AN ANALYSIS OF 341 CONSECUTIVE CASES**
Roman OSTERMANN, Nina PETRAS, Silke ALDRIAN, Patrick PLATZER, Vilmos VECSEI (Austria)

Trauma

- 19350 THE MODULE TRANSFORMATION (MT) OF THE EXTERNAL FIXATION DEVICES**
Leonid SOLOMIN, Pavel KULESH, Maxim ANDRIANOV, Dmitry MYKALO, Vladimir NAZAROV, Roman INJUSHIN (Russia)
- 19351 THE FOOT ATLAS FOR INSERTION OF WIRES AND PINS REFERENCE POSITIONS**

Leonid SOLOMIN, Nikolay FOMIN, Sergej MAIKOV, Sergej TOROPOV (Russia)

Trauma: Ankle/Foot

- 21415 FOOT COMPARTMENT SYNDROME: PRESSURE MEASUREMENT AND FASCIOTOMY TECHNIQUE**
Abdelhafid TALHA, Patrick CRONIER, Prune ALLIGAND-PERRIN, Laurent HUBERT, Pascal BIZOT (France)
- 21515 PULMONARY EMBOLISM IN A PATIENT WITH LATERAL MALLEOLUS FRACTURE**
Elias FOTIADIS, Christos CHATZIS, Prodromos DIMITRIADIS, Apostolos GKANTSOS, Theodoros SVARNAS, John VOGIATZIS, Petros KIRITTOPOULOS (Greece)
- 21791 UNUSUAL FRACTURE DISLOCATION OF TALUS: MECHANISM OF INJURY AND MANAGEMENT**
Satya Ranjan PATRA, Sudhir KAPOOR, Himanshu KATARIA, Tankeswar BORUAH (India)
- 21816 IS THERE A PLACE FOR THE CONSERVATIVE SURGICAL TREATMENT OF NEGLECTED BIMALLEOLAR FRACTURES SUCH THAT THOSE SEEN IN AFRICA?**
Ibrahima FARIKOU, Bernadette NGO NONGA, Mathieu MOTAH (Cameroon)

Trauma: Elbow

- 19965 MODIFIED STANDARD SURGICAL PROTOCOL TO TREAT ELBOW DISLOCATIONS WITH RADIAL HEAD AND CORONOID FRACTURES**
Vasu PAI (New Zealand)
- 21606 A CASE REPORT ON MYOSITIS OSSIFICANS TRAUMATICA**
Karthik NEELAKANDAN, Kanthimathi BALASUBRAMANIAN, Naveen Chowdary TUMMALA, Udhayashankar SELVARAMAN (India)
- 21655 COMPARISON OF CLINICAL RESULTS WITH A NEW TYPE ELBOW FIXED ANGLED PLATE, CONVENTIONAL IMPLANTS, AND LCP PLATES**
Laszlo VAMHIDY, Istvan NAUMOV, Norbert WIEGAND

- (Hungary)
- 21689 STABILITY OF CROSS-PIN TENSION BAND CONSTRUCT FOR SIMULATED OLECRANON FRACTURE**
Kongkhet RIANSUWAN, Joy VROEMEN, Halil BEKLER, Tom GARDNER, Melvin ROSENWASSER (Thailand)
- 22046 A NEW TYPE IV MONTEGGIA EQUIVALENT LESION IN AN ADULT**
Satya Ranjan PATRA, Sudhir KAPOOR, Himanshu KATARIA, Tankeswar BORUAH (India)
- 22176 THE CONCOMITANT FRACTURES OF THE CAPITELLUM AND THE RADIAL HEAD**
Jihoon CHANG, Yoon Tae LEE, Dongeun SHIN, Ju-Hyung YOO (Korea)
- 22198 INCIDENCE AND ANALYSIS OF SIMULTANEOUS BILATERAL RADIAL HEAD AND NECK FRACTURES AT A LEVEL I TRAUMA CENTER**
Florian KUTSCHA-LISSBERG, Lukas NEGRIN, Patrick PLATZER, Tomas BRAUNSTEINER, Vilmos VÉCSEI (Austria)
- 22511 RARE CASE OF A CONGENITAL ARTERIOVENOUS MALFORMATION (PARK WEBER ANGIODYSPLASIA) AROUND THE ELBOW WITH MEDIAN NERVE COMPRESSION**
Sunil KINI, Vijay KUMAR, Justin MOSES, Sandeep DIXIT, Apurv MEHRA, Phani MADHURI (India)

Trauma: Femur

- 19732 SUBTROCHANTERIC FRACTURE FIXED WITH VARIOUS IMPLANTS AND OUTCOM A STUDY OF 78 CASES**
Dhiren FALDU, (India)
- 20211 INTERTROCHANTERIC FRACTURES: DYNAMIC HIP SCREW PLATE FIXATION? SUPERIORITY IN NAILING ER**
Sandeep SHRIVASTAVA (India)
- 20653 TREATMENT OF COMPLICATED DISTAL FEMORAL FRACTURE BY DFN - A STUDY IN 43 CASES**
Ashok Kumar DAS (India)
- 20830 BRIDGE PLATE IN TREATMENT OF CLOSED COMMUNATED**

- DIAPHYSEAL FEMORAL FRACTURES**
Mohammed Ali Fadhil AL BAYATI, Daa Hussein AL AUQABI
(Iraq)
- 21044 SEGMENTAL FRACTURE OF THE FEMUR WITH CONCOMITANT GENU VALGUM - A ONE STAGE SOLUTION.**
Moez BALLAL, Selvadurai NAYAGAM (United Kingdom)
- 21651 SALMONELLA OSTEOMYELITIS WITHOUT ANY COEXISTING DISEASE**
Sunil KINI, Anil ARORA, Sudhir KUMAR, Apurv MEHRA (India)
- 21654 RHODOTORULA RUBRA AS A CAUSE OF PERSISTENCE OF INFECTED FEMORAL NONUNION IN AN IMMUNE COMPETENT PATIENT**
Sunil KINI, Anil ARORA, Aditya AGGARWAL, Apurv MEHRA (India)
- 21770 THE TREATMENT OF TROCHANTERIC FRACTURES BY PC.C.P.PLATE**
Miloslav PINK, Tomas PINK, Martin SKLADAL (Czech Republic)
- 21893 THE EFFICACY OF LOCAL TRANSPLANTATION OF GRANULOCYTE COLONY STIMULATING FACTOR-MOBILIZED HUMAN PERIPHERAL BLOOD MONONUCLEAR CELLS FOR UNHEALING BONE FRACTURE**
Tomoaki FUKUI, Tomoyuki MATSUMOTO, Yutaka MIFUNE, Takayuki ASAHARA, Ryosuke KURODA, Masahiro KUROSAKA (Japan)
- 22024 PROXIMAL FEMORAL LOCKING COMPRESSION PLATE (PF-LCP) FOR TREATMENT OF PATHOLOGIC FRACTURES**
Chandhanarat CHANDHANAYINGYONG, Chris CHAROENLAP, Kongkhet RIANSUWAN, Rapin PHIMOLSARNTI, Apichat ASAVAMONGKOLKUL (Thailand)
- 22140 SHORT TERM RESULTS OF COMPLEX SUPRACONDYLAR FRACTURE**
Sanjib Kumar BEHERA, Raghobabu M. (India)
- 22299 MODULAR ADAPTIVE ORTOPHEDIC BONE PLATE BASED ON SHAPE MEMORY ALLOYS**
Dan TARNITA, Daniela TARNITA, Dan GRECU, Roxana TARNITA, Dragos NICULESCU (Romania)
- 22361 ARE THE PLATES WITH ANGULAR STABILITY THE UNIQUE ANSWER IN DISTAL FEMORAL FRACTURES TYPE C3/AO?**

- Paul-Dan SIRBU, Razvan ASAFTEI, Tudor PETREUS, Eugen CARATA, Grigore BEREA, Bogdan BARBIERU, Paul BOTEZ (Romania)
- 22404 LCP IN OPERATIVE TREATMENT OF PERIPROSTHETIC FEMORAL FRACTURES AFTER HIP REPLACEMENT**
Nedelcho TZACHEV, Asen BALTOV, Borislav ZLATEV, Danail LILYANOV, Vladimir IVANOV, Andrey IOTOV (Bulgaria)
- 22454 THE ROLE OF PFNA BLADE IN THE TREATMENT OF FEMORAL NECK FRACTURES**
Gabor JANOSITZ, Laszlo GERA, Levente POCS, Tamas BANYAI (Hungary)
- 22462 MODIFIED JIG FOR BIOLOGICAL DCS**
Harpreet SINGH, Yuvarajan PALANISAMY, Lalit MAINI, V.K. GAUTAM (India)
- 22508 HOFFAS FRACTURE - STILL A CHALLENGING PROBLEM**
Rajeev MADDILA, M. RAMESH, Chacko MANEESH, Joseph Paulose YOGESH (India)

Trauma: Forcer

- 21641 VOLAR APPROACH TO ULNA - A NEW SURGICAL APPROACH**
Sunil KINI, Anil ARORA, Sudhir KUMAR, Apurv MEHRA (India)

Trauma: Hand/Wrist

- 19506 THREE-DIMENSIONAL MODELING OF FOREARM EXTERNAL FIXATION**
Leonid SOLOMIN, Pavel KULESH, Alexander UTEKHIN (Russia)
- 20810 BILATERAL SIMULTANEOUS SPONTANEOUS HABITUAL ULNAR DISLOCATION OF THE EXTENSOR DIGITORUM COMMUNIS TENDON OF LONG FINGER: A CASE REPORT**
Aashish CHAUDHRY, Sudhir K. KAPOOR (India)
- 20827 MINI INTERNAL FIXATION OF METACARPLS AND PHALANGES**
Mohammed Ali Fadhil AL BAYATI, Madhat Abid THEDAN (Iraq)

- 21212 SIMULTANEOUS DISLOCATION OF INTERPHALANGEAL AND METACARPOPHALANGEAL JOINTS OF LITTLE FINGER**
Ashok MARUDANAYAGAM, Mohammad YAQOOB, Rohit BHANGE, Thaimur MIAN (United Kingdom)
- 21485 DIVERGENT FRACTURE DISLOCATION OF THE ULNAR CARPO- METACARPAL JOINTS**
Atul JAIN, Amite PANKAJ (India)
- 21538 MORPHOLOGY OF THE EXTENSORS OF THE THUMB**
Mangala PAI, Prameela MANOOR, Latha PRABHU (India)
- 21542 A COMPREHENSIVE STUDY OF THE EXTENSOR TENDONS TO THE MEDIAL FOUR DIGITS OF THE HAND**
Latha PRABHU, Prameela MANOOR, Mangala PAI (India)
- 21593 OPERATIVE TREATMENT OF DISTAL RADIUS INTRAARTICULAR FRACTURES**
Evgeny MALYSHEV, Andrey KOPYLOV, Andrey VOROBYOV (Russia)
- 21670 FUNCTIONAL OUTCOME IN DISTAL RADIAL FRACTURES - COMPARISON BETWEEN FRACTURE SEVERITY, TREATMENT OF CHOICE AND INITIAL RADIOLOGICAL PARAMETERS**
Efraín FARÍAS CISNEROS (Mexico)
- 21685 AVASCULAR NECROSIS OF SCAPOID: WHY LESS IN INDIAN SUBCONTINENT**
Rajendra Kumar KANOJIA, Mandeep Singh DHILLON (India)
- 21747 POSTERIOR INTEROSSEOUS ARTERY FLAP FOR RESURFACING POST TRAUMATIC SOFT TISSUE DEFECTS OF THE HAND**
Naveen Chowdary TUMMALA, Ashok GAVASKAR (India)
- 21750 REPLANTATION OF DIGIT IN CHILDREN**
Piyawan CHATUPARISUTE (Thailand)
- 21797 AO TYPE C DISTAL RADIUS FRACTURES MANAGED USING MULTIDIRECTIONAL LOCKING PLATES**
Martin VLCEK, Petr VISNA, Marek NIEDOBA, Evzen BEITL, Antonin SOSNA (Czech Republic)
- 21809 NAIL BED GRAFTING IN AVULSED DEFECTS OF THE NAIL BED**

Yasser RADWAN, Mohamed Farouk ABDELAZIZ (Egypt)

- 21933 SIMULTANEOUS BONY AVULSION OF FLEXOR DIGITORUM PROFUNDUS TENDON AND AVULSION FRACTURE OF THE VOLAR PLATE OF DISTAL INTERPHALANGEAL JOINT: A CASE REPORT**
Suriya LUENAM, Arkaphat KOSIYATRAKUL, Sunya PRACHAPORN (Thailand)
- 21955 RADIOGRAPHIC STABILITY OF THE WRIST IN PATIENTS WITH PURE DISTAL RADIO FRACTURE AND ASSOCIATED DISTAL ULNAR FRACTURE - 3 WEEKS OF FOLLOW UP WITH CONSERVATIVE TREATMENT**
Carlos SUÁREZ AHEDO (Mexico)
- 22018 BONE MINERAL DENSITY IN POSTMENOPAUSAL WOMEN WITH FOREARM FRACTURE**
Vladyslav POVOROZNYUK, Volodymyr VAYDA, Nataliia DZEROVYCH (Ukraine)
- 22177 THE EFFECT OF TRIMMED WIRE TIP ON GLOVE PERFORATION IN ORTHOPAEDIC SURGERY**
Byung Hak KIM, Young Yul CHUNG (Korea)
- 22200 STRENGTH OF THE BICEPS MUSCLE AND FUNCTIONAL OUTCOMES OF THE HAND IN PATIENTS WITH UPPERARM TYPE BRACHIAL PLEXUS INJURY POST-RECONSTRUCTIVE SURGERY**
Phichet WONGROT, Orapan THOSINGHA, Siriorn SINDHU, Panupan SONGCHAREON (Thailand)

Trauma: Hip

- 19536 USE OF RAPID PROTOTYPING AND THREE DIMENSIONAL RECONSTRUCTION MODELLING IN MANAGEMENT OF COMPLEX ACETABULAR FRACTURE**
N.S. HARSHAVARDHNA, Vaibhav BAGARIA, Abhay KUTHE (United Kingdom)
- 19820 MODIFIED KOCHER AND LANGENBECK SURGICAL APPROACH TO ACETABULUM**
Narender MAGU (India)
- 20223 TRAUMATIC HIP DISLOCATION IN A REGIONAL TRAUMA CENTRE IN NIGERIA**

Ndubuisi ONYEMAECHI (Nigeria)

- 20418 FINITE ELEMENT ANALYSIS OF FEMORAL NECK AND INTERTROCHANTERIC FRACTURE WITH VARIOUS IMPACT LOADS**
Peter Toft TENGBERG, Christian WONG, Peter MIKKELSEN, Jens Erik VARMARKEN, Peter GEBUHR (Denmark)
- 20464 COMMINUTED TROCHANTERIC FRACTURE ASSOCIATED WITH POSTERIOR DISLOCATION OF HIP A RARE ASSOCIATION**
Anil K. RAI, Ratnav RATAN, Anil ANIL, Rakesh RAKESH (India)
- 20845 OSTEOPOROTIC PERTROCHANTERIC FRACTURES: EARLY RESULTS WITH PFNA-II FROM A TERTIARY CARE CENTER**
Ashok GAVASKAR, Muthukumar S. (India)
- 20890 A RARE CASE OF EXTENSIVE HETEROTOPIC OSSIFICATION WITH EXTRA-ARTICULAR HIP ANKYLOSIS**
Nanjundappa S. HARSHAVARDHANA, Vaibhav B. BAGARIA, Vikram R. SAPRE, Anshul CHADDA (United Kingdom)
- 21043 TOTAL HIP REPLACEMENT FOR DISPLACED INTRACAPSULAR NECK OF FEMUR FRACTURES – EXPERIENCE OF A DISTRICT GENERAL HOSPITAL**
Moez BALLAL, Jagwant SINGH, Rajeev SANGER, Paul SHERRY, Nikhil PRADHAN, David ATKINSON (United Kingdom)
- 21147 CEMENTED VS UNCEMENTED THOMPSON’S HIP HEMIARTHROPLASTY PROSTHESIS - COMPARISON OF PERIOPERATIVE MORBIDITY AND MORTALITY**
Gowtham KANKANALA, Deepak SHIVARATHRE, Prasad PIDIKITI (United Kingdom)
- 21152 ANATOMY OF L4 - S2 NERVE ROOTS AND THE SACROILIAC JOINT**
Sangthongsil SANGTHONGSIL (Thailand)
- 21665 BOTH COLUMN ACETABULAR FRACTURES WITH SECONDARY POSTERIOR COLUMN OR WALL INVOLVEMENT**
Eugene TONEY, David GOODSPEED, J. Spence REID, Ida GORMAN (United States)
- 21844 DYNAMIC HELICAL HIP SYSTEM VS. DYNAMIC HIP SCREW, A PROSPECTIVE STUDY SINCE RESENT LAUNCH - OUTCOMES IN TROCHANTERIC FRACTURES**

- Enrique CALETI DEL MAZO, Miguel Angel CLARA A., Gabino GOMEZ MONT, Félix GIL ORBEZO, Cesareo TRUEBA D. (Mexico)
- 21846 BIOLOGICAL PLATING WITH DYNAMIC CONDYLAR SCREW IN MANAGEMENT OF COMMINUTED SUBTROCHANTERIC FRACTURES: A CLINICAL STUDY**
Devdatta NEOGI, Vivek TRIKHA, Kaushal MISHRA, Sudeep JAIN, Chandra Shekhar YADAV (India)
- 22082 PATIENTS AGED 80 AND OLDER UNDERGOING ORTHOPEDIC OR UROLOGIC SURGERY - A PROSPECTIVE STUDY FOCUSING ON PERIOPERATIVE MORBIDITY AND MORTALITY**
Eli PELED, Yaniv KEREN, Michael SOUDRY, Doron NORMAN, Yeshayahu KATZ, Michal BARAK (Israel)
- 22119 THE MORTALITY RATE AFTER THROMBOEMBOLISM PROPHYLAXIS IN THE HIP FRACTURE SURGERY**
Thanainit CHOTANAPHUTI, Aekachai JAREONARPORNWATANA, Artit LAORUENGTHANA (Thailand)
- 22141 LESS INVASIVE DYNAMIC HIP SCREW - A NEWER TECHNIQUE AND OVERVIEW**
Sanjib Kumar BEHERA, Raghubabu M., Ravishanker R. (India)
- 22156 NECK RECONSTRUCTION IN A PATHOLOGICAL FRACTURE NECK OF FEMUR:A NOBEL TREATMENT**
Atul JAIN, Amite PANKAJ, Shobha ARORA (India)
- 22202 A NEW PROGNOSTIC CLASSIFICATION FOR DISPLACED FRACTURES OF THE FEMORAL NECK IN THE YOUNG**
Saurabh RAWALL, Arvind JAYASWAL, C.S. YADAV, Bidre UPENDRA (India)
- 22432 THE ASSESSMENT AND MANAGEMENT OF PATIENTS FALLING IN HOSPITAL SUSTAINING NECK OF FEMUR FRACTURES**
Joseph RING, Roberts PHILIP (United Kingdom)
- 22513 A MODIFIED SIDE PLATE DESIGN OF DHSNEW IMPLANT**
Rajeev RAO (India)

Trauma: Humerus

- 20386 TREATMENT OPTIONS FOR PROXIMAL HUMERUS FRACTURES**
Saurabh SINGH, Devdatt NEOGI (India)
- 20808 OSTEOPOROTIC DIAPHYSEAL HUMERUS SHAFT FRACTURE WITH IATROGENIC INFECTED SOFT TISSUE DEFECT: AN INNOVATIVE METHOD OF MANAGEMENT**
Aashish CHAUDHRY, Sudhir K. KAPOOR (India)
- 21233 ISOLATED INTERFRAGMENTARY COMPRESSION FOR DELAYED UNION OF HUMERAL**
Florian DUCELLIER, Thomas APARD, Abdelhafid TALHA, Patrick CRONIER, Pascal BIZOT (France)
- 21325 FRACTURES OF THE PROXIMAL HUMERUS TREATED WITH THE INTERLOCKING NAIL**
Kyuchoel NOH (Korea)
- 21487 PRONATION OF FOREARM PREVENT VARUS IN FRACTURES OF THE SHAFT OF HUMERUS**
Ghanshyam Narayan KHARE, Shyam Kumar SARAF (India)
- 21652 BLUNT TRAUMA INJURY OF A SPECIAL FORMATION SOLDIER WITH MAJOR DEFECT TO THE BRACHIAL ARTERY, A FIVE YEAR FOLLOW-UP**
Roman PAVIC (Croatia)
- 21949 THE UNSTABLE OSTEOSYNTHESIS WITH FRACTURES DISTAL PART OF HUMERAL BONE**
Nicolay ZHYHAR, Mikhail GERASIMENKO (Belarus)
- 22101 ALTERNATIVE STRATEGIES IN THE TREATMENT OF HUMERAL DIAPHYSEAL FRACTURES: THE ROLE OF EXTERNAL FIXATION**
John TAYLOR, Arshad BHATTI, Maurizio A. CATAGNI, Luigi LOVISETTI, Francesco GUERRESCHI (Italy)
- 22331 SUPRA-SUPRACONDYLAR FRACTURES OF HUMERUS IN CHILDRENS: ARE THEY DIFFERENT FROM SUPRACONDYLAR FRACTURES?**
Sujit TRIPATHY, Ramesh SEN, Vishal KUMAR (India)
- 22364 ARM-WRESTLING AND DIAPHYSEAL HUMERAL FRACTURE - AN UNCOMMON ASSOCIATION**
Paul-Dan SIRBU, Razvan-Andrei ASAFTEI, Paul BOTEZ (Romania)

22434 HUMERAL SHAFT FRACTURES - DON'T GET DISTRACTED!
Stephen BRENNAN, Diarmud MURPHY, Kenny PATRICK
(Ireland)

**22445 TREATMENT OF PROXIMAL HUMERAL FRACTURES WITH
ANGULAR-STABLE PLATE**
Nikolay TIVTCHEV, Asen BALTOV, Mihail LILOV (Bulgaria)

Trauma: Knee

20732 SURGICAL TREATMENT OF FLOATING JOINTS
Mehmet Bulent BALIOGLU, Oytun Derya TUNC, Mehmet Akif
KAYGUSUZ (Turkey)

**20733 TREATMENT OF THE EXTRAARTICULAR KNEE
ARTHROFIBROSIS AFTER FEMORAL DIAPHYSEAL
FRACTURE**
Mehmet Bülent BALIOGLU, Umit Selcuk AYKUT, Mehmet Akif
KAYGUSUZ (Turkey)

**20844 STAGED MANAGEMENT OF COMPLEX TIBIAL PLATEAU
FRACTURES USING REVERSE SLIDING PLATE TECHNIQUE**
Ashok GAVASKAR, Vivek A, Muthukumar S. (India)

**21583 THE ASPECTS OF OSTEOARTHRITIS PREVENTION AFTER
INTRAARTICULAR PROXIMAL TIBIA FRACTURES**
Evgeny MALYSHEV, Svyatoslav KOROLYOV, Dmytriy PAVLOV,
Andrey VOROBYOV (Russia)

**21704 KNEE INJURY EVALUATION AND ASSESSMENT IN
EMERGENCY DEPARTMENT**
Adnan ALZHRANI, Abdullaziz AL-AMMARI, Mohamed Al-
Hossan FACHRTZ, Maher ALZHRANI (Saudi Arabia)

**21708 MINIMALLY INVASIVE PERCUTANEOUS PLATING FOR
TIBIAL PLATEAU FRACTURES**
Ashok KHANDAKA, Vishwanath MATHUR (India)

**21785 MINIMAL INVASIVE OSTEOSYNTHESIS USING RAFT
CONFIGURATION OF CORTICAL SCREWS NEAR
SUBCHONDRAL BONE FOR MANAGEMENT OF FRACTURE
LATERAL CONDYLE TIBIA**
Nitin SAINI, Sharad M. HARDIKAR, S. PRAKASH (India)

21789 MANAGEMENT OF HIGH-ENERGY TIBIAL PLATEU

FRACTURES BY LIGAMENTOTAXIS USING SMALL WIRE RING FIXATOR

Tankeswar BORUAH, Sudhir KAPOOR, Himanshu KATARIA, Satyaranjan PATRA (India)

22481 DISPLACED TIBIAL SHAFT FRACTURES: THE TRUE COST OF TREATMENT BORNE BY THE PATIENT!

V. BATTA, A. GULATI, A. DWYER, J. PRAKASH, B. JOHN, M. MAM (United Kingdom)

Trauma: Shoulder

19872 OPEN REDUCTION AND INTERNAL FIXATION OF FOUR-PART FRACTURE DISLOCATIONS OF THE PROXIMAL HUMERUS IN PATIENTS YOUNGER THAN FORTY YEARS

Omar SOLIMAN, Wael KOPTAN (Egypt)

20169 AXILLARY VEIN THROMBOSIS FOLLOWING LATERAL CLAVICLE FRACTURE - AN ILLUSTRATIVE CASE REPORT

Richard JONES, Damian CLARK, Phil MCCANN, Partha SARANGI (United Kingdom)

20547 MANAGEMENT OF TRAUMATIC RECURRENT ANTERIOR DISLOCATION OF GLENO-HUMERAL JOINT BY BOYTCHEV'S METHOD

Naveen TUMMALA, Sreemannarayana DAMACHERLA, Sundar SURYAKUMAR, Karthik NEELAKANDAN (India)

20825 OPERATIVE OUTCOMES OF DISPLACED MID SHAFT FRACTURE CLAVICLE

Z. ALSHAMEERI, Katam KRISHNAIAH, M. IBRAHIM, P. SONSALE (United Kingdom)

20842 PERCUTANEOUS LOCKED PLATING OF COMPLEX PROXIMAL HUMERUS FRACTURES

Ashok GAVASKAR, Muthukumar S. (India)

21033 INTRAMEDULLARY NAILING IN CLAVICULAR DIAPHYSEAL FRACTURES: OUR EXPERIENCE IN 30 CASES

Anubhav AGARWAL, Aashish CHAUDHRY (India)

21283 DISTAL CLAVICLE FRACTURES: TREATMENT WITH THE DISTAL RADIUS LOCKING PLATE

Erik HOHMANN, Michelle TAY, Kevin TETSWORTH (Australia)

- 21430 NERVE TRANSFER FOR WINGED SCAPULA IN C5 AND C6 BRACHIAL PLEXUS ROOT AVULSIONS: AN ANATOMIC STUDY AND A REPORT OF FIVE CASES**
Chairoj UERPAIROJKIT, Somsak LEECHAVENGVONGS, Kiat WITOONCHART, Kanchai MALUNGPAISHORPE, Rattavuth RAKSAKULKIAT (Thailand)
- 22146 BILATERAL FRACTURE OF THE CLAVICLE - A CASE REPORT**
Ashish GOHIYA, Rahul VERMA, Nirbhay SHRIVASTAV (India)
- 22221 PECULIARITIES OF THE SURGICAL TREATMENT IN NEGLECTED ANTERIOR SHOULDER DISLOCATIONS**
Oleg KEZLYA, Vladislav JARMOLOVICH, Alexander BENKO (Belarus)
- 22231 PATHOGENETIC METHOD OF ANTERIOR SHOULDER DISLOCATION REPOSITION WITH HILL-SSACH'S LESION**
Oleg KEZLYA, Vladislav JARMOLOVICH, Alexander BENKO (Belarus)
- 22431 BILATERAL ANTERIOR GLENOHUMERAL DISLOCATION FOLLOWING A SEIZURE**
Cengiz YILDIRIM, Selahattin OZYUREK, Engin Ilker CICEK, Can SOLAKOGLU, Mesih KUSKUCU (Turkey)
- 22532 RETROGRADE 'HALDER' HUMERAL NAIL FOR TREATING DISPLACED THREE PART PROXIMAL HUMERAL FRACTURES**
Rahul SINGH, Anish KADAKIA, Jim NEWMAN, Subhash C. HALDER (United Kingdom)
- 22605 ULTRASTRUCTURAL PROPERTIES OF THE CORACOCLAVICULAR LIGAMENTS AND THE HAMSTRING TENDONS AS AN AUTOGENOUS GRAFT IN AC JOINT RECONSTRUCTION - AN ELECTRONMICROSCOPIC PILOTSTUDY**
Roman OSTERMANN, Paul STAMPFL, Josef NEUMUELLER, Christian FIALKA, Vilmos VECSEI (Austria)

Trauma: Spine

- 20355 AN EPIDEMIOLOGICAL STUDY OF TRAUMATIC SPINAL CORD INJURY CASES: A HOSPITAL-BASED STUDY FROM DEVELOPING NATION**

Saurabh SINGH, Shyam K. SARAF, Ghanshyam N. KHARE, Anil K. RAI (India)

- 20730 COMPLICATION AND FAILURE OF SPINAL INSTRUMENTATION OF THORACOLUMBAR SPINE FRACTURES**
 Mehmet Bulent BALIOGLU, Mehmet Akif KAYGUSUZ, Alper KOKSAL (Turkey)
- 20992 LONG TERM FOLLOW UP OF WHIPLASH INJURY**
 Mohamed MOHAMED, Sameh EL SALLAKH, Rooney MIFSUD (United Kingdom)
- 21034 NEW TYPE OF THE FLEXIBLE INTERVERTEBRAL DISC**
 Svatava KONVICKOVA, Jana SINDELAROVA, Petr TICHY, Zdenek HORAK (Czech Republic)
- 21698 TWO LEVELS ABOVE AND ONE LEVEL BELOW PEDICLE SCREW FIXATION FOR THE TREATMENT OF UNSTABLE THORACOLUMBAR BURST FRACTURE WITH PARTIAL OR INTACT NEUROLOGY**
 Hong Kyun KIM, Kook Jin CHUNG (Korea)
- 21848 COMPARISON OF RECONSTRUCTION OF ILIAC CREST DONOR SITE**
 Dong Eun SHIN, Ju Hwan CHUNG (Korea)
- 22210 RESULTS OF C1-2 SCREW FIXATION IN TREATMENT OF ATLANTOAXIS INSTABILITY**
 Thanet WATTANAAPISTH, Panuphol RACHINDA, Pumibal WETPIRIYAKUL, Somyot WUNNASINTHOP, Areesak CHOTIVICHIT (Thailand)
- 22483 OSTEOGENIC POTENTIAL OF BIPHASIC CALCIUM PHOSPHATE WITH GROWTH FACTOR LOADED ELECTROSPUN POLYMER FIBERS**
 Jonas JENSEN, Thomas Hartvig Lindkær JENSEN, Michael BENDTSEN, Dang Quang Svend LE, Lea BJERRE, Moustapha KASSEM, Cody BÜNGER (Denmark)

Trauma: Systemic

- 20311 COMPLEX INJURIES OF THE LIMBS - CURRENT PROBLEMS CONCERNING DIAGNOSIS AND TREATMENT**
 Olivera LUPESCU, Mihail NAGEA, Cristina PATRU, Stefan Aurel

- NICULESCU, Paul Bogdan DUICA (Romania)
- 20312 SEQUENTIAL EVALUATION OF TRAUMA SCORE IN POLYTRAUMA PATIENTS**
Mihail NAGEA, Olivera LUPESCU, Cristina PATRU, Gheorghe Ion POPESCU (Romania)
- 20811 RELEVANCE OF MIBI SCAN IN PROGNOSTICATING THE RESPONSE OF CHEMOTHERAPY IN PATIENTS OF PRIMARY MALIGNANT BONE TUMOURS**
Aashish CHAUDHRY, Sudhir K. KAPOOR (India)
- 20975 CORTICOSTEROIDS AS AN ALTERNATIVE TO FASCIOTOMY IN COMPARTMENT SYNDROME**
Ghanshyam Narayan KHARE, Sandeep KUMAR (India)
- 21090 UNCONVENTIONAL PLATE FIXATION**
Rajeev VOHRA, Avtar SINGH (India)
- 21185 MULTI DRUG RESISTANT PSEUDOMONAS INFECTION IN OPEN FRACTURES POST DEFINITIVE FIXATION LEADING TO LIMB LOSS. A REPORT OF THREE CASES**
Hitendra DOSHI, Chua Ser KENON, Sygal DAVIS, Fareed H.Y. KAGDA (Singapore)
- 21260 USE OF MUSCULOSKELETAL ULTRASONOGRAPHY IN EMERGENCY DEPARTMENT**
Andrzej CZAMARA, Maciej KENTEL, Sebastian KRUPA, Wojciech WODISLAWSKI (Poland)
- 21354 SYMMETRIC BILATERAL BONE INVOLVEMENT: A RARE COMPLICATION OF CHRONIC LYMPHOCYTIC LEUKEMIA**
Mohamed EL HACHMI, Xavier COLLARD, Jean-Paul FORTHOMME (Belgium)
- 21419 ORTHOPAEDIC SURGICAL MANAGEMENT IN POLYTRAUMA**
Florian PURGHEL, Radu CIUVICA, Andrei ANASTASIU, Constantin JEMNA (Romania)
- 21420 THE USE OF BONE SUBSTITUTES IN ORTHOPAEDIC SURGERY**
Florian PURGHEL, Radu CIUVICA, Andrei ANASTASIU, Constantin JEMNA (Romania)
- 21576 KYPHOSIS MIGHT HAVE SOME KIND OF INFLUENCES ON THE STERNUM FRACTURE: A CASE REPORT**

- Takaya NAKAJIMA, Yoshitomo SHIMIZU, Katsuhisa TANABE
(Japan)
- 21630 IS THERE A ROLE OF INHALATIONAL STEROIDS IN PROPHYLAXIS OF POST TRAUMATIC SUB-CLINICAL AND CLINICAL FAT EMBOLISM**
Vishal KUMAR, Amit AGGARWAL (India)
- 21756 TRAUMA PATTERN & IMPACT OF EARLY REHABILITATION, AN EXPERIENCE OF KASHMIR (INDIA) EARTHQUAKE**
Sanjay KESHKAR, Ratnesh KUMAR (India)
- 21800 THE EFFECTS OF INTRAMEDULLARY NAILING ON TO THE LUNG TISSUE AND OXIDANT-ANTIOXIDANT SYSTEMS (AN EXPERIMENTAL STUDY IN RABBITS)**
Mehmet HALICI, Kemal DEMIREL, Petek KORKUSUZ, Ahmet GUNEY, Mithat ONER (Turkey)
- 22053 3-D MDCT IN THE EVALUATION OF SKELETAL TRAUMA**
Cüneyt TAMAM, Duzgun YILDIRIM, Terman GUMUS (Turkey)
- 22272 TREATMENT OF LARGE BONE DEFECTS WITH ALLOGENEIC PLATELET RICH PLASMA AND AUTOLOGOUS CANCELLOUS BONE**
Borut GUBINA, Primoz ROZMAN, Dragica SMRKE (Slovenia)
- 22280 VACUUM ASSISTED DRESSING AND CULTURE SPECIFIC ANTIBIOTIC BEADS FOR CONTROL OF INFECTION AROUND INTERNAL FIXATION DEVICES**
Rajeshkumar KAKWANI, Gautam TAWARI, A. MURTY (United Kingdom)
- 22323 EXPERIENCES WITH OPERATION OF PATIENTS WITH SERIOUS CHEST INSTABILITY**
István ZAGH, Gábor MERENYI, István KALMAR, Sándor KORPOS, György VEGH (Hungary)
- 22439 TOURNIQUETS AND EXSANGUINATORS - THEIR ROLE IN SURGICAL SITE INFECTION**
Stephen BRENNAN, John O'BYRNE (Ireland)
- 22631 THE EFFECTIVE DIFFUSIVITIES IN IMMOBILIZED CELL SYSTEMS AT INTERFACE WITH IMPLANT DEVICES**
Boonyong PUNANTAPONG (Thailand)

Trauma: Tibia/Fibula

- 20351 COMPARISON OF OUTCOME OF PRIMARY VS. SECONDARY ILLIZAROV FIXATOR APPLICATION IN OPEN TIBIAL SHAFT FRACTURES**
Saurabh SINGH, Anil RAI (India)
- 21162 MANAGEMENT OF DISTAL TIBIAL FRACTURES**
Piyush MISHRA (India)
- 21588 LOCKED INTRAMEDULLARY OSTEOSYNTHESIS IN NON-UNION OF THE TIBIA**
Evgeny MALYSHEV, Dmytriy PAVLOV, Andrey VOROBYOV (Russia)
- 21590 THE MISTAKES OF LOCKED INTRAMEDULLARY OSTEOSYNTHESIS IN TIBIAL FRACTURES**
Evgeny MALYSHEV, Dmytriy PAVLOV, Andrey VOROBYOV (Russia)
- 22095 CLOSED TIBIAL INTRAMEDULLAR NAILING 11 YEARS FOLLOW-UP RESULTS**
Mehmet Bulent BALIOGLU, Ahmet DOGAN, Mehmet Akif KAYGUSUZ (Turkey)
- 22356 ARTHROSCOPICALLY ASSISTED OSTEOSYNTHESIS OF TIBIAL PLATEAU FRACTURES**
Nikolay ZAGORODNY, Sergei NIKITIN, Eugeny LOMTATIDZE, Alexey SEMINISTY, Alexander FROLOV (Russia)
- 22391 COMPLEX C3/AO PROXIMAL TIBIAL FRACTURES TREATED BY ARTICULAR RECONSTRUCTION, BONE SUBSTITUTE AND MIPO WITH LOCKED COMPRESSION PLATE - TWO CLINICAL CASES**
Paul-Dan SIRBU, Razvan ASAFTEI, Tudor PETREUS, Marius BAR, Grigore BEREA, Bogdan BARBIERU, Paul BOTEZ (Romania)
- 22588 EVALUATION OF THE TECHNIQUE OF BLOCKING SCREW IN TREATMENT OF FRACTURE OF THE DISTAL THIRD OF TIBIA**
Nagy SABET, Nehad EL-MAHBOUB (Egypt)