

Thursday, 17 September

Time	Hall 1 Lingnan	Hall 2 Guangdong Grand	Hall 3 Qinghe	Hall 4 Foshan	Hall 5 Zhaoqing	Hall 6 Yangjiang	Hall 7 Zhongshan	Hall 8 Dongguan
08:30-10:00	AO Trauma Symposium Challenges in the Management of Proximal Femoral Fractures Page 40	Symposium Spine Current Status & Future Role? Page 44	Instructional Course Sports Medicine Wireless Video Arthroscopy Page 50	Free Papers Knee Total Knee Arthroplasty & Soft Tissue Osteotomy Page 55	Symposium Extracorporeal Shock Wave Therapy & Orthopaedic Surgery Page 61	Free Papers Trauma Polytrauma & Miscellaneous Page 67	Free Papers Foot & Ankle Reconstruction Page 74	Free Papers Research Cartilage & Bone Page 80
10:00-10:30	Break	Break	Break	Break	Break	Break	Break	Break
10:30-12:00	ASAMI Symposium Upper Extremity Lengthening Page 40	AO Spine Symposium Cervical Spine Trauma Page 45	Symposium Sports Medicine Osteochondral Defects - The Great Debate Page 50	Symposium Knee Total Knee Arthroplasty in Severe Knee Deformities: How to deal with Page 56	Free Papers Minimally Invasive Surgery Page 62	Free Papers Trauma Pelvis Page 68	Free Papers Hip Miscellaneous Page 75	Free Papers Research Spine Page 81
12:00-12:30	Plenary Lecture (in Hall 1 Lingnan) – Vilmos VECSEI (AUSTRIA) THE TIME IS RIPE! HOW THE NEGLECT OF PIONEERING IDEAS HAS IMPACTED PROGRESS IN TRAUMA CARE							
12:30-12:50	Industry-Sponsored Symposium	Industry-Sponsored Symposium	Break	Industry-Sponsored Symposium	Industry-Sponsored Symposium	Industry-Sponsored Symposium	Industry-Sponsored Symposium	Industry-Sponsored Symposium
12:50-13:30			Foundation Ceremony of SICOT China Subspecialties					
13:30-14:00								
14:00-15:30	Chinese Programme Trauma I Page 41	Chinese Programme Spine I Page 45	Chinese Programme Joint I Page 51	Chinese Programme Minimally Invasive Surgery I Page 57	Chinese Programme Microsurgery I Page 63	Chinese Programme Foot & Ankle I Page 70	Chinese Programme Research I Page 76	Chinese Programme Sports Medicine I Page 82
15:30-16:00	Plenary Lecture (in Hall 1 Lingnan) – Jianguo ZHANG (CHINA) SURGICAL TREATMENT OF SEVERE SPINAL KYPHOSCOLIOSIS IN CHINA							
16:00-16:30								
16:30-18:30	Chinese Programme Trauma II Page 42	Chinese Programme Spine II Page 47	Chinese Programme Joint II Page 53	Chinese Programme Minimally Invasive Surgery II Page 59	Chinese Programme Microsurgery II Page 65	Chinese Programme Foot & Ankle II Page 71	Chinese Programme Research II Page 78	Chinese Programme Sports Medicine II Page 84

Hall 9 Jiangmen	Hall 10 Jieyang	Hall 11 Maoming	Hall 12 Shenzhen	Hall 13 Shantou	Hall 14 Qingyuan	Hall 15 Yunfu	
	<i>Free Papers Shoulder & Elbow I</i>	<i>Free Papers Spine Trauma</i>	<i>CAOS Symposium I</i>	<i>Symposium Hand Surgical Treatment of Fractures of the Distal Radius</i>	<i>Symposium Infections The Tuberculosis of the Bone</i>	<i>Short Oral Presentations Foot & Ankle</i>	
	Page 90	Page 95	Page 102	Page 105	Page 108	Page 112	
<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	
<i>Symposium Spine Anterior Lumbar Interbody Fusion</i>	<i>Free Papers Osteoporosis</i>	<i>Free Papers Spine Infection</i>	<i>CAOS Symposium II</i>	<i>Symposium Hand Tendon Transfers for Post-Trauma- tic Peri- pheral Nerve Lesions</i>	<i>EBJIS Symposium The Infected Osteosynthe- sis: Advances in Diagnostics & Treatment</i>	<i>Short Oral Presentations Arthroscopy & Sports Medicine I</i>	
Page 86	Page 91	Page 96	Page 103	Page 106	Page 109	Page 114	
<i>Plenary Lecture (in Hall 1 Lingnan) – Vilmos VECSEI (AUSTRIA)</i> THE TIME IS RIPE! HOW THE NEGLECT OF PIONEERING IDEAS HAS IMPACTED PROGRESS IN TRAUMA CARE							Opening Ceremony Century Convention Hall 19:00-20:30
<i>Industry-Sponsored Symposium</i>	<i>Industry-Sponsored Symposium</i>	<i>Industry-Sponsored Symposium</i>	<i>Industry-Sponsored Symposium</i>	<i>Industry-Sponsored Symposium</i>	<i>Industry-Sponsored Symposium</i>	<i>Industry-Sponsored Symposium</i>	Welcome Reception Oriental Hall 20:30-22:30
<i>Chinese Programme Paediatrics I</i>	<i>Chinese Programme Shoulder & Elbow I</i>	<i>Chinese Programme Tumours Orthopaedic Oncology I</i>	<i>Free Papers Information Technology</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	
Page 87	Page 92	Page 98	Page 103	Page 107	Page 110	Page 115	
<i>Plenary Lecture (in Hall 1 Lingnan) – Jianguo ZHANG (CHINA)</i> SURGICAL TREATMENT OF SEVERE SPINAL KYPHOSCOLIOSIS IN CHINA							
<i>Chinese Programme Paediatrics II</i>	<i>Chinese Programme Shoulder & Elbow II</i>	<i>Chinese Programme Tumours Orthopaedic Oncology II</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	
Page 88	Page 93	Page 99	<i>Free Papers Trauma Tibia & Distal (16:30-18:00)</i>	<i>Free Papers Hand I (16:30-18:00)</i>	<i>Free Papers Infections Osteo-articular (16:30-18:00)</i>	<i>Short Oral Presentations Hip (16:30-18:00)</i>	
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Thursday, 17 September

Hall 1 Lingnan

08:30 - 10:00

AO Trauma Symposium – Challenges in the Management of Proximal Femoral Fractures

Moderators:

Frankie LEUNG (HONG KONG, CHINA)

FEMORAL NECK FRACTURES IN OLDER PATIENTS: ORIF VS. REPLACEMENT

Jie WEI (CHINA)

FEMORAL NECK FRACTURES IN THE YOUNGER ADULTS

Frankie LEUNG (HONG KONG, CHINA)

FIXATION OF UNSTABLE PERTROCHANTERIC FRACTURES: WHAT IS IMPORTANT?

Fan LIU (CHINA)

REHABILITATION AFTER HIP FRACTURE FIXATION – THE MYTH OF WEIGHT BEARING

Wilson LI (HONG KONG, CHINA)

CASE PRESENTATION

Takman WONG (CHINA)

CASE PRESENTATION

Christian FANG (HONG KONG, CHINA)

10:00 - 10:30

Break

10:30 - 12:00

ASAMI (Association for the Study & Application of the Method of Ilizarov) Symposium – Upper Extremity Lengthening

Moderator:

Gamal HOSNY (EGYPT)

FOREARM LENGTHENING

Kamal EL GAAFARY (EGYPT)

HUMERAL LENGTHENING IN ACHONDROPLASIA

Hae Ryong SONG (SOUTH KOREA)

DIFFERENTIAL LENGTHENING OF THE FOREARM

Saw AIK (MALAYSIA)

CORRECTION OF DEVELOPMENTAL FOREARM DEFORMITIES

Essam AL SHERIF (EGYPT)

COMPLICATIONS OF UPPER EXTREMITY LENGTHENING

Gamal HOSNY (EGYPT)

PHALANGEAL LENGTHENING

Gamal HOSNY (EGYPT)

12:00 - 12:30

Plenary Lecture – Vilmos Vecsei

THE TIME IS RIPE! HOW THE NEGLECT OF PIONEERING IDEAS HAS IMPACTED PROGRESS IN TRAUMA CARE

Vilmos VECSEI (AUSTRIA)

12:30 - 13:30

Industry-Sponsored Symposium

13:30 - 14:00

Instructional Course – Trauma I (Chinese Programme)

WELCOME SPEECH

Peifu TANG (CHINA)

Moderators:

Bingfang ZENG, Guoxian PEI, Baozhong ZHANG (CHINA)

PROBLEMS AND STRATEGIES OF FOREARM FRACTURES

Manyi WANG (CHINA)

14:00 - 15:25

Invited Lectures & Free Papers – Trauma I (Chinese Programme)

Moderators:

14:00 - 14:30

Fuguo HUANG, Bing LU, Dong WANG (CHINA)

Invited Speaker

CURRENT CONCEPTS OF MUSCULOSKELETAL DEVICE IN TREATING FRACTURE

Peiyuan LEE (CHINA)

4272

CLOSED REDUCTION AND EXTERNAL FIXATOR FOR CLAVICLE FRACTURE

Bosong ZHANG (CHINA)

984

APPLICATION OF LOCKED PLATE INTERNAL FIXATION WITH MIPO TECHNIQUE FOR DISTAL HUMERAL SHAFT FRACTURES

Pengfei SONG (CHINA)

1827 THE TREATMENT OF C TYPE DISTAL HUMERUS FRACTURE BY ANCONIUS-OLECRANON EXTRA-ARTICULAR OSTEOTOMY
Yeming WANG (CHINA)

14:30 - 14:40

Discussion Panelists:

Yuqiang SUN, Xifan MEI, Jun LI, Qi YAO, Dahui SUN (CHINA)

14:40 - 15:15

Moderators:

Wei ZHU, Guohui LIU, Zhenqi DING (CHINA)

Invited Speaker

CORRELATION BETWEEN PROXIMAL FEMUR MICROSTRUCTURE AND SURGERY

Xinlong MA (CHINA)

429 CROSS SCREWS FIXATION FOR RADIUS NECK FRACTURE

Shaoliang LI (CHINA)

3627 EFFECT OF DIFFERENT SURGICAL APPROACH ON PROGNOSIS OF EXTRA-ARTICULAR DISTAL HUMERUS FRACTURES

Licheng ZHANG (CHINA)

4258 COMPARISON OF THREE SURGICAL TREATMENTS FOR COMPLEX DISTAL RADIUS FRACTURE

Yunkang YANG (CHINA)

2497 COMPLICATIONS OF HUMERUS SURGICAL NECK FRACTURE TREATED BY PROXIMAL AND STRAIGHT INTRAMEDULLARY NAIL

Xiaoming WU (CHINA)

15:15 - 15:25

Discussion Panelists:

Shou ZHANG, Rongxiu BI, Wei ZHANG, Yong ZHU, Zhi YUAN (CHINA)

15:30 - 16:00

Plenary Lecture – Jianguo Zhang

SURGICAL TREATMENT OF SEVERE SPINAL KYPHOSCOLIOSIS IN CHINA

Jianguo ZHANG (CHINA)

16:00 - 18:35

Invited Lectures & Free Papers – Trauma II (Chinese Programme)

16:00 - 16:45

Moderators:

Pengcheng WANG, Yunfeng CHEN, Zhiyong HOU (CHINA)

Invited Speaker

SURGICAL STRATEGIES AND TECHNIQUES OF PROXIMAL HUMERAL FRACTURES

Baoguo JIANG (CHINA)

341 USE OF STRUCTURAL SCREW OF PHILOS PLATE FOR PROXIMAL HUMERAL FRACTURES

Tianbing WANG (CHINA)

458 CLINICAL OUTCOME OF TYPE NEER-II DISTAL CLAVICLE FRACTURES TREATED BY CLAVICULAR HOOK PLATES AND DISTAL LOCKING PLATE
You PENG (CHINA)

583 T-PLATE FIXATION AND LIGAMENT RECONSTRUCTION FOR OLD STERNOCLAVICULAR JOINT DISLOCATION: A COMPARATIVE STUDY
Xianhua CAI (CHINA)

Invited Speaker **TREATMENT OF FEMORAL NECK NON-UNION**
Changqing ZHANG (CHINA)

Discussion Panelists:

16:45 - 16:55 Tieliang ZHANG, Jinmin ZHAO, Qi LIAO, Xuecheng CAO, Jianli WANG, Shiwen ZHU (CHINA)

Moderators:

16:55 - 17:30 Jun YANG, Guanglin WANG, Jian TANG (CHINA)

Invited Speaker **PROBLEMS AND STRATEGIES OF DISTAL FEMORAL FRACTURE**
Yakui ZHANG (CHINA)

799 APPLICATION OF T-LOCKING COMPRESSION PLATE AND VARIABLE ANGLE TWO-COLUMN LOCKING COMPRESSION PLATE IN TREATMENT OF DISTAL RADIUS FRACTURES
Baojun WANG (CHINA)

667 IMPACT FACTOR OF SURGICAL TREATMENT OF ACETABULAR FRACTURE: POSITION OF THE PLATE
Ge CHEN (CHINA)

764 IMPROVED POSTERIOR PLATE IN TREATMENT OF DENIS II SACRAL FRACTURE
Wei WANG (CHINA)

1311 POSTERIOR PELVIC CRESCENT FRACTURE AND DISLOCATION TREATED BY PERCUTANEOUS FIXATION
Xiaolong SHUI (CHINA)

Discussion Panelists:

17:30 - 17:40 Huihsi LO, Xunquan WANG, Aiguo SONG, Weidong NI, Kainan LI (CHINA)

Moderators:

17:40 - 18:25 Baotong MA, Xiangdang LIANG, Yue FANG (CHINA)

Invited Speaker **THE TREATMENT OF SACRAL FRACTURE ACCOMPANIED WITH NEUROLOGICAL DAMAGE**
Aimin CHEN (CHINA)

99 3D PRINTING COMBINED WITH SMALL INCISION OF RECTUS ABDOMINIS FOR PELVIC FRACTURE
Canjun ZENG (CHINA)

- 3392 IMPROVED HIGH POSITION GROIN APPROACH: A NEW SURGICAL APPROACH**
Xiaodong GUO (CHINA)
- 3586 COMPARISON OF ACETABULAR ANATOMIC LOCKING PLATE AND ACETABULAR RECONSTRUCTION PLATE IN THE TREATMENT OF ACETABULAR FRACTURES**
Peifu TANG (CHINA)
- 4002 ANTERIOR SACRAL PLATE COMBINED WITH POSTERIOR ILIUM PLATE IN THE TREATMENT OF SACRAL FRACTURES**
Yongliang YANG (CHINA)
- 3495 ANATOMICAL COMPARISON OF POSTEROMEDIAL AND POSTEROLATERAL INVERTED "L"-SHAPED APPROACH FOR POSTERIOR COLUMN FRACTURE IN TIBIAL PLATEAU INJURY**
Huifeng DING (CHINA)
- 3789 APPLICATION OF COMBINED EXTERNAL FIXATOR IN THE FIRST STAGE OPERATION OF OPEN PILON FRACTURES**
Bo ZHAO (CHINA)

18:25 - 18:35

Discussion Panelists:

Hanchang LAO, Yang CAO, Shaoguang GU, Xuefei WANG (CHINA)



Thursday, 17 September

Hall 2 Guangdong Grand

08:30 - 10:00

Symposium – Spine: Current Status & Future Role?

Moderators:

Guixing QIU (CHINA), Shanmuganathan RAJASEKARAN (INDIA)

BMP – FRIEND OR FOE?

Cody BÜNGER (DENMARK)

CERVICAL DISC ARTHROPLASTY

Dino SAMARTZIS (HONG KONG, CHINA)

INTERSPINOUS DEVICES

Zhuojing LUO (CHINA)

LUMBAR DISC REPLACEMENT

Dike RUAN (CHINA)

PERSONALISED ORTHOPAEDICS

Kenneth CHEUNG (HONG KONG, CHINA)

NAVIGATION AND ROBOTICS

Shanmuganathan RAJASEKARAN (INDIA)

10:00 - 10:30 **Break**

10:30 - 12:00 **AO Spine Symposium – Cervical Spine Trauma**

Moderators:

Dadi JIN (CHINA), Keith LUK (HONG KONG, CHINA)

RADIOLOGICAL ASSESSMENT OF CERVICAL SPINE INJURY

Wen YUAN (CHINA)

THE AOSPINE MORPHOLOGICAL CLASSIFICATION OF C SPINE INJURY

Shanmuganathan RAJASEKARAN (INDIA)

ODONTOID FRACTURES – CONTROVERSIES AND MANAGEMENT

Yong HAI (CHINA)

CENTRAL CORD SYNDROME WITHOUT FRACTURE – MANAGEMENT

Cody BÜNGER (DENMARK)

PHARMACOLOGICAL APPROACH TO CORD PRESERVATION – DREAM OR REALITY?

Jason CHEUNG (HONG KONG, CHINA)

DO TIMING AND TYPE OF SURGERY MATTER IN CORD RECOVERY?

Tiansheng SUN (CHINA)

12:00 - 12:30 **Plenary Lecture – Vilmos Vecsei (in Hall 1 Lingnan)**

THE TIME IS RIPE! HOW THE NEGLECT OF PIONEERING IDEAS HAS IMPACTED PROGRESS IN TRAUMA CARE

Vilmos VECSEI (AUSTRIA)

12:30 - 13:30 **Industry-Sponsored Symposium**

13:30 - 14:00 **Instructional Course – Spine I (Chinese Programme)**

Moderators:

Dinglin ZHAO, Jianyuan JIANG, Bo LIU (CHINA)

THE SURGICAL TREATMENT OF POTT'S DISEASE

Shanmuganathan RAJASEKARAN (INDIA)

THE CONCEPT AND APPLICATION OF CAMISS

Wei TIAN (CHINA)

14:00 - 15:25

Free Papers – Spine I (Chinese Programme)

14:00 - 14:40

Moderators:

Dinglin ZHAO, Jianyuan JIANG, Bo LIU (CHINA)

4561 5 YEARS' FOLLOW-UP OUTCOMES OF ANTERIOR CERVICAL HYBRID SURGERY IN 116 CASES

Lin XU (CHINA)

509 WAS THE SPINAL CORD DECOMPRESSION THROUGH ANTERIOR AND POSTERIOR SUPERIOR TO SINGLE-DOOR LAMINOPLASTY IN SEVERE CERVICAL MYELOPATHY?

Yuwei LI (CHINA)

1154 THE EFFECT OF THE TREATMENT FOR MUSCULAR ATROPHY ASSOCIATED WITH CERVICAL SPONDYLOSIS

Jianhua HU (CHINA)

1450 CLINICAL OUTCOMES OF SPINAL CORD IN SITU DECOMPRESSION FOR THE TREATMENT OF MULTILEVEL CERVICAL MYELOPATHY

Jiangang SHI (CHINA)

1459 MICROSCOPE-ASSISTED ANTERIOR CERVICAL SPINAL CORD DECOMPRESSION FOR TREATMENT OF MULTIPLE CERVICAL DEGENERATIVE DISEASES

Tieyi YANG (CHINA)

2216 THE COMPARISON BETWEEN MINI LAMINA PLATE FIXATION AND CONVENTIONAL SUSPENSION IN CERVICAL SINGLE-DOOR LAMINOPLASTY – 5 YEARS' FOLLOW-UP OUTCOME

Hua CHEN (CHINA)

2771 TOTAL ARTIFICIAL CERVICAL DISC REPLACEMENT FOR THE TREATMENT OF SINGLE SEGMENTAL CERVICAL SPONDYLOSIS – A RANDOMISED CONTROLLED TRIAL

Songhua XIAO (CHINA)

1528 ANALYSIS OF THE RISK FACTORS FOR DYSPHAGIA AFTER ANTERIOR CERVICAL DISCECTOMY AND FUSION

Fei SONG (CHINA)

Discussion Panelists:

14:40 - 14:50

Gengding DANG, Lianshun JIA, Zhongshi LI, Yueming SONG, Qingsan ZHU (CHINA)

14:50 - 15:15 *Moderators:*
Yougu HU, Zhongqiang CHEN, Guohua LV (CHINA)

- 890 THE SAFETY AND DECOMPRESSION STRATEGY FOR OSSIFICATION OF THE POSTERIOR LONGITUDINAL LIGAMENT OF THE THORACIC SPINE**
Haijiao WANG (CHINA)
- 1701 360-DEGREE CIRCUMFERENTIAL DECOMPRESSION FOR THORACIC SPINAL STENOSIS: COMPLICATIONS AND PREVENTION TECHNIQUE**
Xiaoguang LIU (CHINA)
- 2056 TREATMENT OF THORACOLUMBAR DISC HERNIATION BY POSTERIOR DECOMPRESSION AND OSTEOTOMY**
Zhaowan XU (CHINA)
- 2538 THE APPLICATION OF TLIF TECHNOLOGY IN THE TREATMENT OF THORACOLUMBAR DISC HERNIATION**
Dong ZHAO (CHINA)
- 3014 ANATOMIC FEATURES OF PEDICLE IN ADULT THORACIC SPINE FOR THE SAFETY OF PEDICLE SCREW IMPLANTATION**
Guanyu CUI (CHINA)

15:15 - 15:25 *Discussion Panelists:*
Lihua ZHU, Huilin YANG, Zhuojing LUO, Ji WU, Yu ZHAO, Bohua CHEN (CHINA)

15:30 - 16:00 *Plenary Lecture – Jianguo Zhang (in Hall 1 Lingnan)*

SURGICAL TREATMENT OF SEVERE SPINAL KYPHOSCOLIOSIS IN CHINA
Jianguo ZHANG (CHINA)

16:00 - 18:40 *Free Papers – Spine II (Chinese Programme)*

16:00 - 17:15 *Moderators:*
Yong QIU, Jie ZHAO, Yanping ZHENG (CHINA)

- 69 ANALYSIS OF BONE MINERAL DENSITY OF SPINE AND HIP IN PATIENTS WITH DEGENERATIVE LUMBAR SCOLIOSIS**
Xingxin HU (CHINA)
- 711 IMAGING FEATURES OF ADJACENT TWO SEGMENTAL LUMBAR SPONDYLOLISTHESIS**
Wenyuan DING (CHINA)
- 4852 THE CLINICAL SIGNIFICANCE OF SPINO-PELVIC PARAMETERS IN PATIENTS WITH DEGENERATIVE LUMBAR SCOLIOSIS**
Xuhua LU (CHINA)

- 1805 THE EFFECT OF POSTERIOR OPERATION FOR LUMBAR SPINAL STENOSIS WITH DEGENERATIVE SCOLIOSIS**
Peng LI (CHINA)
- 4176 THE INFLUENCE FACTORS FOR THE OUTCOMES OF ADULT LUMBAR SCOLIOSIS CORRECTION SURGERY**
Yan ZENG (CHINA)
- 3508 UNBALANCED OSTEOTOMY COMBINED WITH SELECTIVE FUSION FOR THE TREATMENT OF TRUNK IMBALANCE CAUSED BY DEGENERATIVE SCOLIOSIS VIA WILTSE APPROACH**
Heng ZENG (CHINA)
- 44 SURGICAL TREATMENT FOR SEVERE SCOLIOSIS WITH SYRINGOMYELIA**
Yijian LIANG (CHINA)
- 584 TWO-STAGE SURGERY FOR THE TREATMENT OF SEVERE KYPHOSCOLIOSIS**
Rong TAN (CHINA)
- 626 SURGICAL TREATMENT OF SECONDARY THORACOLUMBAR KYPHOSIS AFTER VERTEBRAL COMPRESSION FRACTURE IN PATIENTS WITH OSTEOPOROSIS**
Yu JIANG (CHINA)
- 1182 A COMPARATIVE STUDY OF POSTERIOR FOSSA VOLUME IN PATIENTS WITH OR WITHOUT CHIARI MALFORMATION**
Zezhang ZHU (CHINA)
- 1587 POSTERIOR HEMIVERTEBRA RESECTION AND PEDICLE FIXATION FOR THE TREATMENT OF HEMIVERTEBRA DEFORMITY IN CHILDREN AGED 1 TO 6**
Junlin YANG (CHINA)
- 750 APPLICATION OF A STANDARD PROTOCOL OF INTRAOPERATIVE MOTOR EVOKED POTENTIAL MONITORING IN 1,543 CONSECUTIVE SPINE DEFORMITY SURGERIES**
Qianyu ZHUANG (CHINA)
- 1377 CLINICAL OUTCOME OF DYNESYS DYNAMIC FIXATION IN THE TREATMENT OF 200 CASES WITH LUMBAR DISEASES**
Shuhua YANG (CHINA)
- 1364 INTERSPINOUS FIXATION DEVICES FOR THE TREATMENT OF INTERMITTENT CLAUDICATION**
Mao LI (CHINA)
- 3859 THE CLINICAL OUTCOME OF SPINAL CORD DECOMPRESSION AND PEDICLE SCREW FIXATION FOR THE TREATMENT OF THORACIC LIGAMENTAL FLAVUM OSSIFICATION WITH VERTEBRAL COMPRESSION FRACTURES IN THE SAME LEVEL**
Shuang HAN (CHINA)

Discussion Panelists:

17:15 - 17:25 Chiyan LEONG, Wenzhi ZHANG, Shiqing FENG, Yipeng WANG, Yanzheng GAO, Chao YANG (CHINA)

Moderators:

17:25 - 18:30 Ming LI, Jianguo ZHANG, Zhaomin ZHENG (CHINA)

- 9011 MICROSCOPE-ASSISTED ANTERIOR SURGICAL TREATMENT OF CERVICAL DISC HERNIATION**
Shisheng HE (CHINA)
- 3564 POSTERIOR CIRCUMFERENTIAL DECOMPRESSION IN THE TREATMENT OF THORACIC SPINAL STENOSIS SYNDROME WITH ANTERIOR COMPRESSION**
Qingsan ZHU (CHINA)
- 2156 CLINICAL OUTCOME OF UNILATERAL PEDICLE SCREW FIXATION**
Qun YANG (CHINA)
- 2181 CLINICAL OUTCOME OF DYNESYS DYNAMIC FIXATION SYSTEM FOR THE TREATMENT OF LOWER LUMBAR DISEASE**
Wei MEI (CHINA)
- 2780 TEMPORARY SHORT SEGMENT FIXATION FOR THE TREATMENT OF JUVENILE SPONDYLOLYSIS**
Yunfei HUANG (CHINA)
- 1442 THE IMPROVEMENT OF HEART AND PULMONARY FUNCTION IN ANKYLOSING SPONDYLITIS PATIENTS WITH KYPHOSIS BY PEDICLE SUBTRACTION OSTEOTOMY**
Yonggang ZHANG (CHINA)
- 1626 THE APPLICATION OF O-ARM NAVIGATION SYSTEM IN THE SURGICAL TREATMENT OF ADOLESCENT IDIOPATHIC SCOLIOSIS**
Yaming LIU (CHINA)
- 3520 POSTERIOR HEMIVERTEBRA RESECTION FOR THE TREATMENT OF PAEDIATRIC HEMIVERTEBRA DEFORMITY IN LUMBAR-SACRAL REGION**
Fuyun LIU (CHINA)
- 3872 THE EFFECT OF DIFFERENT SURGICAL TREATMENTS ON THE SAGITTAL BALANCE OF SEVERE KYPHOSCOLIOSIS DEFORMITY**
Lei ZANG (CHINA)
- 4588 OSTEOTOMY STRATEGIES AND COMPLICATION PREVENTION OF SEVERE SPINE DEFORMITY**
Huang FANG (CHINA)
- 4806 SURGICAL TREATMENT FOR ANGULAR KYPHOSIS DEFORMITY OF POTT'S DISEASE**
Zhongmin ZHANG (CHINA)

4475 THE REVISION SURGERY STRATEGIES OF 79 SCOLIOSIS CASES
Jigong WU (CHINA)

4818 FETAL COMPLICATIONS OF SCOLIOSIS CORRECTION SURGERY
Xiaoping WANG (CHINA)

18:30 - 18:40 Discussion Panelists:
Yong HAI, Zhicai SHI, Fang LI (CHINA)



Thursday, 17 September

Hall 3 Qinghe

08:30 - 10:00

Instructional Course – Sports Medicine: Wireless Video Arthroscopy

Moderators:

Pedro GUILLEN (SPAIN), Rene VERDONK (BELGIUM)

WIRELESS VIDEO ARTHROSCOPY WITH HANDS-ON LABORATORY

Pedro GUILLEN¹, Juan SANZ¹, Stephen ABELOW²
¹(SPAIN), ²(UNITED STATES)

10:00 - 10:30

Break

10:30 - 12:00

Symposium – Sports Medicine: Osteochondral Defects - The Great Debate

Moderators:

Stephen ABELOW (UNITED STATES), Vikas KHANDUJA (UNITED KINGDOM)

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

William G. RODKEY (UNITED STATES)

AUTOLOGOUS OSTEOCHONDRAL GRAFTS

Deepak PATEL (UNITED STATES)

AUTOLOGOUS CHONDROCYTE IMPLANTATION UTILISING CHARACTERISED CULTURED CHONDROCYTES

Rene VERDONK (BELGIUM)

ARTHROSCOPIC MACI AND ICC

Pedro GUILLEN (SPAIN)

OSTEOCHONDRAL ALLOGRAFTS: STATE OF THE ART

Stephen ABELOW (UNITED STATES)

DISCUSSION

12:00 - 12:30

Plenary Lecture – Vilmos Vecsei (in Hall 1 Lingnan)

THE TIME IS RIPE! HOW THE NEGLECT OF PIONEERING IDEAS HAS IMPACTED PROGRESS IN TRAUMA CARE

Vilmos VECSEI (AUSTRIA)

12:30 - 12:50

Break

12:50 - 13:30

Foundation Ceremony of SICOT China Subspecialties

13:30 - 14:00

Instructional Course – Joint I (Chinese Programme)

Moderators:

Kunzheng WANG, Yisheng WANG, Zhongli GAO (CHINA)

UNSTABLE TOTAL HIP ARTHROPLASTIES: PREVENTION AND TREATMENT

Philippe HERNIGOU (FRANCE)

THE CLINICAL OUTCOME OF TWO-STAGE REVISION FOR INFECTED TKA

Xisheng WENG (CHINA)

14:00 - 15:25

Free Papers – Joint I (Chinese Programme)

Moderators:

Wanshou GUO, Bing SHEN, Weidong XU (CHINA)

355 INFLUENCE OF PATELLOFEMORAL JOINT DEGENERATION ON OUTCOME OF MEDIAL UNICOMPARTMENTAL KNEE ARTHROPLASTY

Baochao JI (CHINA)

2533 MINIMALLY INVASIVE MEDIAL PARAPATELLAR APPROACH FOR MEDIAL UNICOMPARTMENTAL KNEE ARTHROPLASTY

Chi ZHANG (CHINA)

3161 UNICOMPARTMENTAL KNEE ARTHROPLASTY

Bo WU (CHINA)

3208 THE MID-TERM OUTCOME OF MEDIAL UNICOMPARTMENTAL KNEE ARTHROPLASTY

Weidong SHI (CHINA)

4222 CONSTRUCTION OF 3D FINITE ELEMENT MODEL OF THE MOBILE-BEARING UNICOMPARTMENTAL KNEE COMPONENT AND STRESS ANALYSIS

Lifeng JIANG (CHINA)

3449 THE CLINICAL OUTCOME COMPARISON BETWEEN UKA AND TKA FOR KNEE OSTEOARTHRITIS

Weidong XU (CHINA)

14:30 - 14:40

Discussion Panelists:

Houshan LV, Wenwei QIAN, Weihua XU, Yisheng HAN (CHINA)

14:40 - 15:15

Moderators:

Tiebing QU, Jianhao LIN, Xifu SHANG (CHINA)

4365 ROTATING-PLATFORM CR TKA VERSUS ROTATING-PLATFORM PS TKA

Wei CHAI (CHINA)

2799 THE SHORT-TERM OUTCOME OF TKA WITH ZIMMER LPS-FLEX MOBILE BEARING SYSTEM

Yaozeng XU (CHINA)

1631 A RANDOMISED CONTROLLED STUDY ON CLINICAL OUTCOME OF TKA BETWEEN NEX-GEN GENDER PROSTHESIS AND LPS-FLEX PROSTHESIS

Yanfeng WANG (CHINA)

4267 THE INFLUENCES OF THE ROTATION OF DISTAL FEMORAL OSTEOTOMY GUIDE ON FEMORAL PROSTHESIS ALIGNMENT IN KNEE ARTHROPLASTY

Zhihong XU (CHINA)

4520 ARTICULAR CONTACT KINEMATICS AND RELATED RESEARCHES FOR THE KNEE BEFORE AND AFTER CRUCIATE-RETAINING TKA

Chunbao LI (CHINA)

373 THE CLINICAL OUTCOME OF PRIMARY KNEE ARTHROPLASTY WITH TIBIAL BONE DEFECTS

Kun WANG (CHINA)

9000 THE EXPERIENCES OF KNEE ARTHROPLASTY WITH SEVERE FLEXION CONTRACTURES

Bolong KOU (CHINA)

15:15 - 15:25

Discussion Panelists:

David FANG, Yaozeng XU, Liming WANG, Ruofan MA (CHINA)

15:30 - 16:00

Plenary Lecture – Jianguo Zhang (in Hall 1 Lingnan)

SURGICAL TREATMENT OF SEVERE SPINAL KYPHOSCOLIOSIS IN CHINA

Jianguo ZHANG (CHINA)

16:00 - 18:30

Free Papers – Joint II (Chinese Programme)

16:00 - 16:25

Moderators:

Yixin ZHOU, Qing JIANG, Jianfeng YAO (CHINA)

1605 STANDARD OF SOFT TISSUE BALANCE IN KNEE ARTHROPLASTY FOR SEVERE KNEE DEFORMITY

Ming ZHANG (CHINA)

3798 KNEE ARTHROPLASTY FOR PATIENTS WITH BONE DEFECTS

Chengwei WANG (CHINA)

4171 THE MID-TERM CLINICAL OUTCOME OF TOTAL KNEE ARTHROPLASTY FOR RHEUMATOID ARTHRITIS

Wei WANG (CHINA)

4163 THE INFLUENCING FACTORS OF RANGE OF FLEXION AFTER TKA IN PATIENTS WITH HIGH PREOPERATIVE KNEE FLEXION

Xi WANG (CHINA)

47 THE CLINICAL OUTCOME OF TOTAL KNEE ARTHROPLASTY FOR OSTEOARTHRITIS IN PATIENTS WITH SEVERE OSTEOPOROSIS

Haoshaqiang ZHANG (CHINA)

16:25 - 16:35

Discussion Panelists:

Qingming YANG, Jun LIU, Qiuqian ZHENG (CHINA)

16:35 - 17:05

Moderators:

Zhanjun SHI, Wei CAO, Jin LIN (CHINA)

2513 REVISION FOR NON-INFECTIVE KNEE ARTHROPLASTY: A RETROSPECTIVE ANALYSIS

Canhua YE (CHINA)

1393 THE CLINICAL OUTCOME OF LCCK ARTHROPLASTY FOR UNSTABLE KNEE

Shuhua YANG (CHINA)

3950 THE CLINICAL OUTCOME OF METAL AUGMENTATION AND INTRAMEDULLARY STEM PROSTHESIS IN TKA REVISION FOR REPAIR OF BONE DEFECTS AND JOINT STABILITY

Wenjie PAN (CHINA)

885 THE CLINICAL STUDY OF COMPUTER-AIDED TAYLOR SPATIAL FRAME FOR SEVERE KNEE DEFORMITY

Jianwen CHEN (CHINA)

2345 ARTHRODESIS OF KNEE JOINT WITH ILIZAROV EXTERNAL FIXATOR

Guodong HAI (CHINA)

675 EXPERIENCE OF TOTAL ANKLE ARTHROPLASTY

Aimin WANG (CHINA)

17:05 - 17:15

Discussion Panelists:

Ji WU, Liaobin CHEN (CHINA)

17:15 - 17:45

Moderators:

Shuhua YANG, Baicheng CHEN, Qi LI (CHINA)

302 A RETROSPECTIVE STUDY OF POSTOPERATIVE WOUND COMPLICATIONS AFTER TKA

Bo ZHANG (CHINA)

4779 ANTIBIOTIC-IMPREGNATED ARTICULAR CEMENT SPACER FOR TREATMENT OF PERIPROSTHETIC JOINT INFECTION

Wenbo LI (CHINA)

1075 PATELLAR "CLUNK" SYNDROME AFTER TKA: CASE REPORT AND REVIEW

Liangda HUANG (CHINA)

1974 THE METHODS OF RECONSTRUCTION OF PATELLAR LIGAMENT INSERTION IN KNEE ARTHROPLASTY

Mengning YAN (CHINA)

3993 73 CASES OF SERUM AMYLASE ELEVATION AFTER JOINT ARTHROPLASTY

Qiang LU (CHINA)

4533 ANALYSIS AND TREATMENT OF SWELLING AND EFFUSION AFTER TOTAL KNEE ARTHROPLASTY

Simin LUO (CHINA)

17:45 - 17:55

Discussion Panelists:

Baoan MA, Jiansheng ZHOU, Lidong WU (CHINA)

17:55 - 18:20

Moderators:

Weijie LU, Qunhua JIN, Qingsheng ZHU (CHINA)

2057 THE CORRELATION OF INCISION FILM WITH BACTERIA DETECTION IN JOINT ARTHROPLASTY

Junwei ZONG (CHINA)

2672 PERSONALISED 3D PRINTING OSTEOTOMY GUIDE FOR TKA IN PATIENTS WITH RARE DEVELOPMENTAL DEFORMITY OF LOWER EXTREMITY

Yiyuan ZHANG (CHINA)

1164 DIFFERENTIAL EFFECTS OF RIVAROXABAN AND ENOXAPARIN ON HIDDEN BLOOD LOSS FOLLOWING TKA

Jun LI (CHINA)

4302 THE EFFECT OF EARLY INFLAMMATION ON POSTOPERATIVE ACUTE PAIN IN PATIENTS FOLLOWING TKA

Haibo SI (CHINA)

- 4304 THE EFFECT OF PERIOPERATIVE PSYCHOLOGICAL INTERVENTION ON POSTOPERATIVE ANALGESIA IN ELDERLY FOLLOWING TKA**
Zhong QING (CHINA)

18:20 - 18:30

Discussion Panelists:

Ai GUO, Yingzhen WANG, Shuqin TAO (CHINA)



Thursday, 17 September

Hall 4 Foshan

08:30 - 10:00

Free Papers – Knee: Total Knee Arthroplasty & Soft Tissue Osteotomy

Moderators:

Miroslav HASPL (CROATIA), Hua TIAN (CHINA)

- 40141 NEW ANATOMY FINDINGS ON THE PATELLAR ATTACHMENT OF MPFL: A WIDER AND DYNAMIC STRUCTURE**
Yunshen GE¹, Tomohiro KATO², Urszula ZDANOWICZ³, Shiyi CHEN¹, Robert SMIGIELSKI³
¹(CHINA), ²(JAPAN), ³(POLAND)
- 40408 ACL UNSTABLE DEFORMED KNEES MANAGEMENT: WHICH ONE IS THE BEST? HTO FIRST, ACL RECONSTRUCTION FIRST OR SIMULTANEOUS SURGERY?**
Firooz MADADI, Firoozeh MADADI (IRAN)
- 41420 TENSION BAND TECHNIQUE OF HIGH TIBIAL OSTEOTOMY FOR VARUS OSTEOARTHRITIS**
Chittaranjan SAHU, Jagadesh GUDARU, Rohit BANSAL (INDIA)
- 40530 COMPARATIVE STUDY BETWEEN LOCKED T-PLATE AND SHORT TOOTHED PLATE (ELASSAL PLATE) FOR MEDIAL WEDGE OPENING HIGH TIBIAL OSTEOTOMY**
Hatem SAID, Ibraam ALAABD, Mohamed MORSY, Maher ELASSAL (EGYPT)
- 39330 EFFECT OF MEDIAL OPENING WEDGE HIGH TIBIAL OSTEOTOMY ON INTRA-ARTICULAR KNEE AND ANKLE CONTACT PRESSURES**
Nael HAWI, Eduardo M. SUERO, Yaman SABBAGH, Ralf WESTPHAL, Musa CITAK, Friedrich M. WAHL, Christian KRETTEK, Emmanouil LIODAKIS (GERMANY)
- 40234 EARLY OUTCOMES OF BILATERAL SYNCHRONOUS HIGH TIBIAL OSTEOTOMY VERSUS UNILATERAL HIGH TIBIAL OSTEOTOMY: A CASE CONTROL SERIES**
Paul Ross MIDDLETON (UNITED KINGDOM)

- 39338 3D CONCEPT IN UNDERSTANDING OF PATELLOFEMORAL MALALIGNMENT AND A GUIDELINE FOR TREATMENT PLANNING**
Sherif ABDELGAID, Belal AMER, Mahmoud ELZOGHBY (KUWAIT)
- 41553 MEDIAL PATELLOFEMORAL LIGAMENT RECONSTRUCTION FOR TREATMENT OF PATELLOFEMORAL INSTABILITY**
Walid AWADALLAH, Moharram ASHRAF, Hany EL SAYED (EGYPT)
- 39625 IMPACTION BONE GRAFTING FOR THE RECONSTRUCTION OF LARGE BONE DEFECTS IN REVISION KNEE ARTHROPLASTY**
Maximilian RUDERT, Maik HOBERG, Uli NOETH, Boris HOLZAPFEL (GERMANY)

10:00 - 10:30 **Break**

10:30 - 12:00 **Symposium – Knee: Total Knee Arthroplasty in Severe Knee Deformities - How to deal with**

Moderator:

Francesco FALEZ (ITALY)

SEVERE VARUS DEFORMITY

Mario MANILI, Nicola FREDELLA (ITALY)

CONDYLAR OSTEOTOMY IN THE TREATMENT OF SEVERE VALGUS

Fabio CONTEDEUCA, Andrea FERRETTI, Pier Paolo ROTA (ITALY)

SEVERE VALGUS DEFORMITY

Dariush GOURAN SAVADKOOHI (IRAN)

RECURVATUM KNEE

Jacques CATON (FRANCE)

RAPID PROTOTYPING TECHNOLOGY IN CORRECTION AND ARTHROPLASTY OF SEVERE KNEE DEFORMITY

Kerong DAI (CHINA)

FIXED FLEXION DEFORMITY

Miroslav HASPL (CROATIA)

EXTRA-ARTICULAR DEFORMITY

Zongke ZHOU (CHINA)

POST-TRAUMATIC DEFORMITY

Maximilian RUDERT (GERMANY)

12:00 - 12:30

Plenary Lecture – Vilmos Vecsei (in Hall 1 Lingnan)

THE TIME IS RIPE! HOW THE NEGLECT OF PIONEERING IDEAS HAS IMPACTED PROGRESS IN TRAUMA CARE

Vilmos VECSEI (AUSTRIA)

12:30 - 13:30

Industry-Sponsored Symposium

13:30 – 14:00

Instructional Course – Minimally Invasive Surgery I (Chinese Programme)

Moderators:

Shangli LIU, Tiesheng HOU (CHINA)

PRO AND CON OF MIS FROM INFANCY TO OLD AGE

Cody BÜNGER (DENMARK)

PROSPECT OF MINIMALLY INVASIVE SPINE SURGERY IN CHINA

Yue ZHOU (CHINA)

14:00 - 15:25

Free Papers – Minimally Invasive Surgery I (Chinese Programme)

Moderators:

14:00 - 14:30

Xifeng ZHANG, Jincai YANG, Feng XUE (CHINA)

798 CLINICAL STUDY OF THE SUTURE OF ANNULUS FIBROSUS IN POSTERIOR MICROENDOSCOPIC DISCECTOMY

Hepin YIN (CHINA)

1559 MOBILE MICROENDOSCOPIC LUMBAR INTERBODY FUSION FOR THE TREATMENT OF ISTHMIC LUMBAR SPONDYLOLISTHESIS

Baoshan XU (CHINA)

1652 COMPARISON OF MICROSCOPE AND INTERVERTEBRAL FORAMEN PERFORMED ON MINIMALLY INVASIVE SURGERY OF LUMBAR DISC HERNIATION

Wenzhi ZHANG (CHINA)

1973 PERCUTANEOUS MICROENDOSCOPY-ASSISTED TRANSFORAMINAL APPROACH FOR THE TREATMENT OF DEGENERATIVE LUMBAR STENOSIS

Feng CHANG (CHINA)

3707 MICROSCOPIC LAMINECTOMY WITH INSERTION OF EXTENSOR RESERVED FOR THE TREATMENT OF CMS

Kai CAO (CHINA)

2784 ENDOSCOPIC MINIMALLY INVASIVE LAMINOPLASTY FOR THE TREATMENT OF CMS

Chunlin ZHANG (CHINA)

Discussion Panelists:

14:30 - 14:40 Shuxun HOU, Yue ZHOU, Shisheng HE, Jiancheng ZENG, Shugang LI, Rusen ZHU, Zhuqing SUN (CHINA)

Moderators:

14:40 - 15:15 Jixian QIAN, Feizhou LV, Ruoxian SONG (CHINA)

826 PERCUTANEOUS FULL-ENDOSCOPIC LUMBAR LATERAL RECESS DECOMPRESSION THROUGH INTERLAMINAR APPROACH: A SHORT-TERM FOLLOW-UP REPORT

Zhenzhou LI (CHINA)

1464 SURGICAL TREATMENT OF THE LUMBAR DISC HERNIATED DISCS USING TRANSFORAMINAL ENDOSCOPIC SURGERY SYSTEM

Wenjie ZHENG (CHINA)

4420 PERCUTANEOUS INTERVERTEBRAL FORAMINA ENDOSCOPIC TECHNIQUE FOR THE TREATMENT OF LUMBAR SPINAL STENOSIS SYNDROME: THE APPLICATION AND SELECTION OF APPROACH AND BONE DRILLING

Long ZHAO (CHINA)

2729 MINIMALLY INVASIVE SURGICAL SELECTION AND CLINICAL APPLICATION OF RECURRENT CASES OF LUMBAR DISC HERNIATION AFTER INTERVERTEBRAL FORAMINA ENDOSCOPIC SURGERY

Bo HUANG (CHINA)

1530 COMPARISON OF MINIMALLY INVASIVE INTERVENTIONAL TREATMENT OF LUMBAR DISC HERNIATION

Bing LI (CHINA)

1373 QUADRANT COMBINED WITH DYNESYS SYSTEM FOR THE TREATMENT OF LUMBAR STENOSIS

Cao YANG (CHINA)

2040 A PERSPECTIVE COMPARISON OF TRANSFORAMINAL-LIF AND MIS-ALIF FOR THE TREATMENT OF DEGENERATIVE LUMBAR DISEASE

Qingchu LI (CHINA)

Discussion Panelists:

15:15 - 15:25 Zhongliang DENG, Feng XU, Feng CHANG, Zhengda KUANG, Shulian CHEN, Haijun TENG (CHINA)

15:30 - 16:00 *Plenary Lecture – Jianguo Zhang (in Hall 1 Lingnan)*

SURGICAL TREATMENT OF SEVERE SPINAL KYPHOSCOLIOSIS IN CHINA
Jianguo ZHANG (CHINA)

16:00 - 18:40

Free Papers – Minimally Invasive Surgery II (Chinese Programme)

16:00 - 16:25

Moderators:

Xiaojian YE, Jiawen GUAN, Xuesong WANG (CHINA)

1620 PRELIMINARY CLINICAL APPLICATION OF PERCUTANEOUS ANTERIOR CERVICAL FUSION

Yonglong CHI (CHINA)

3888 TRANSORAL ODONTOIDECTOMY COMBINED WITH POSTERIOR OCCIPITAL-CERVICAL FUSION IN THE TREATMENT OF BASILAR INVAGINATION SYNDROME UNDER QUADRANT SYSTEM

Hui LIU (CHINA)

4461 CLINICAL STUDY OF MIS-TLIF FOR THE TREATMENT OF LUMBAR SPONDYLOLISTHESIS COMBINED WITH SEVERE NARROW INTERVERTEBRAL SPACE

Han WU (CHINA)

4847 APPLICATION OF CORTICAL (LAG) SCREWS AND INTERBODY FUSION INTERNAL FIXATION FOR THE TREATMENT OF LUMBAR DEGENERATIVE DISEASES

Xiaojian YE (CHINA)

636 CLINICAL RESEARCH OF MINIMALLY INVASIVE TLIF UNDER QUADRANT SYSTEM IN LUMBAR REVISION SURGERY

Hui KANG (CHINA)

Discussion Panelists:

16:25 - 16:35

Yonglong CHI, Zhaomin ZHENG, Zhongshi LI, Feng ZHANG, Guangzhi NING, Yong LIU, Kaining ZHANG, Ning XIE (CHINA)

16:35 - 17:10

Moderators:

Limin RONG, Chunhai LI, Gang RUI (CHINA)

3963 FINITE ELEMENT ANALYSIS OF DIFFERENT INTERNAL FIXATIONS FOR LUMBAR MINIMALLY INVASIVE TLIF

Keyi YU (CHINA)

2476 MINIMALLY INVASIVE PERCUTANEOUS SCREW FIXATION COMBINED WITH BONE GRAFT FOR THORACOLUMBAR FRACTURES

Haoran GAO (CHINA)

2739 COMPARISON BETWEEN ZINA SYSTEM AND SEXTANT SYSTEM FOR TREATMENT OF THORACOLUMBAR FRACTURE

Lei SHANGGUAN (CHINA)

3647 IMAGING STUDY ON THE FIXATION OF THE ARTICULAR PROCESS OF THE VERTEBRAL LAMINA

Yuxin FAN (CHINA)

229 THE PEDICLE SCREW TECHNOLOGY OF THE LUMBAR SACRAL VERTEBRAL PEDICLE: THREE DIMENSIONAL RECONSTRUCTIVE CT MEASUREMENT
Hua ZHANG (CHINA)

4202 CLINICAL APPLICATION OF UNILATERAL PKP
Genlin WANG (CHINA)

641 PERCUTANEOUS PEDICLE SCREW FIXATION COMBINED WITH INJECTABLE ARTIFICIAL BONE FOR THORACOLUMBAR FRACTURES
Feng XU (CHINA)

Discussion Panelists:

17:10 - 17:20 Han WU, Bolai CHEN, Tao LI, Xiujun ZHENG, Wenjian WU, Shuwen LI (CHINA)

Moderators:

17:20 - 17:50 Xiaoguang LIU, Wei ZHANG, Baoge LIU (CHINA)

4516 A COMPARATIVE STUDY OF UNILATERAL AND BILATERAL PKP IN TREATING OSTEOPOROTIC VERTEBRAL COMPRESSION FRACTURES
Jincai YANG (CHINA)

1800 PKP COMBINED WITH BIO-OSS ARTIFICIAL BONE IN THE TREATMENT OF SENILE OSTEOPOROTIC VERTEBRAL FRACTURE
Zhong ZHENG (CHINA)

2317 THE ANALYSIS OF SECONDARY BKP IN THE TREATMENT OF RECURRENT VERTEBRAL COMPRESSION FRACTURES POST FIRST BKP
Bing MENG (CHINA)

3242 CLINICAL APPLICATION OF PERCUTANEOUS THORACOLUMBAR VERTEBRAL BIOPSY UNDER MINIMALLY INVASIVE VISUALISATION
Yuanming CHEN (CHINA)

4175 APPLICATION OF SELECTIVE SPINAL NERVE ROOT BLOCK IN THE DIAGNOSIS OF COMPLICATED LUMBAR DEGENERATIVE DISEASES
Mansheng DUAN (CHINA)

514 APPLICATION EFFECT ANALYSIS OF ELECTROMAGNETIC NAVIGATION TECHNOLOGY OF ULTRASOUND-GUIDED IN LUMBAR PLASMA PLASTY OF NUCLEUS PULPOSUS
Lin YANG (CHINA)

Discussion Panelists:

17:50 - 18:00 Qun YANG, Chenhui SHI, Bin ZHAO, Jianmei CHEN, Bin ZHU (CHINA)

Moderators:

18:00 - 18:30 Yu LIANG, Wenzhi ZHANG, Fangcai LI (CHINA)

1782 THE APPLICATION OF THORACOSCOPY-ASSISTED MINI-OPEN SURGERY IN THE TREATMENT OF THORACIC VERTEBRAL NEUROGENIC TUMOUR
Bing WANG (CHINA)

- 1995 O-ARM GUIDED PKP FOR THE TREATMENT OF THORACOLUMBAR OSTEOPOROTIC COMPRESSION FRACTURES**
Xu SUN (CHINA)
- 353 APPLICATION OF THREE-DIMENSIONAL NAVIGATION GUIDED PKP IN THE TREATMENT OF VERTEBRAL HEMANGIOMA**
Li JIANG (CHINA)
- 2178 COMPARISON OF RADIATION EXPOSURE OF NAVIGATION AID AND C-ARM GUIDED INTERVERTEBRAL FORAMINA PERCUTANEOUS DECOMPRESSION**
Wei XIONG (CHINA)
- 3379 TREATMENT OF FAR LATERAL LUMBAR DISC HERNIATION WITH CT-GUIDED PERCUTANEOUS ENDOSCOPY**
Haitao SUN (CHINA)
- 2532 A CLINICAL STUDY OF ALIF FOR THE TREATMENT OF LUMBAR DISC DEGENERATION UNDER LAPAROSCOPY**
Wenjun WANG (CHINA)

Discussion Panelists:

18:30 - 18:40 Bing WANG, Huimin ZHU, Chunlin ZHANG, Yonghui HUANG, Chao MA, Yiguo YAN (CHINA)



Thursday, 17 September

Hall 5 Zhaoqing

08:30 - 10:00

Symposium – Extracorporeal Shock Wave Therapy & Orthopaedic Surgery

Moderators:

Kandiah RAVEENDRAN (MALAYSIA), Chingjen WANG (CHINESE TAIPEI)

THE CLINICAL APPLICATION OF ESWT IN ORTHOPAEDICS

Yajun LIU (CHINA)

ESWT IN THE TREATMENT OF OSTEONECROSIS AND BONE MARROW EDEMA OF THE HIP

Wei SUN (CHINA)

DOSAGE ESCALATION OF ESWT IN EARLY OSTEONECROSIS OF THE HIP

Chingjen WANG (CHINESE TAIPEI)

THE EFFECTS OF ESWT ON SHOULDER STIFFNESS: A PROSPECTIVE RANDOMISED CONTROL STUDY

Jihyang KO (CHINESE TAIPEI)

IS ESWT THE TREATMENT OF CHOICE FOR PLANTAR FASCIITIS?

Kandiah RAVEENDRAN (MALAYSIA)

IS ESWT FIRST CHOICE IN THE TREATMENT OF BONE NON-UNIONS?

Wolfgang SCHADEN (AUSTRIA)

10:00 - 10:30 **Break**

10:30 - 12:00 **Free Papers – Minimally Invasive Surgery**

Moderators:

Paul Ross MIDDLETON (UNITED KINGDOM), Yue ZHOU (CHINA)

40235 USE OF CIRCULAR & TUBULAR EXTERNAL FIXATION FOR THE TREATMENT OF OPEN HUMERAL FRACTURE

Mohamed ELDEEB (EGYPT)

39434 MINIMALLY INVASIVE HYBRID FIXATION FOR BOTH-BONE FOREARM FRACTURES

Jianshun WANG, Leyi CAI, Hua CHEN (CHINA)

40783 MULTIPLE JOINT RECONSTRUCTIONS IN ONE PATIENT USING MIS TECHNIQUES WITH BILATERAL SIMULTANEOUS PROCEDURES

Mahmoud HAFEZ, Emara AHMED (EGYPT)

39369 MINIMALLY INVASIVE SURGERY OF PELVIC FRACTURES

Canjun ZENG, Liang WANG, Hui ZHANG, Tianbing WANG, Minghe QIN, Dadi JIN (CHINA)

39337 MINIMALLY INVASIVE TREATMENT OF COMBINED FEMORAL FRACTURES: SINGLE VS. DOUBLE FIXATION DEVICES

Sherif ABDELGAID, Ali JIRAGH, Jassim ALFILAKAWI (KUWAIT)

39790 MINIMALLY INVASIVE TREATMENT OF DISPLACED FEMORAL SHAFT FRACTURES WITH A RAPID REDUCTOR AND INTRAMEDULLARY NAIL FIXATION

Yingze ZHANG, Wei CHEN, Zhiyong HOU, Tao ZHANG, Zongyou YANG (CHINA)

40229 EARLY OUTCOMES OF MINIMALLY INVASIVE FOOT SURGERY

Paul Ross MIDDLETON (UNITED KINGDOM)

41378 BIOLOGICAL PLATING TECHNIQUE FOR MANAGEMENT OF COMPLEX AND COMMUNUTED SUBTROCHANTERIC FRACTURES OF FEMUR

Satya Ranjan PATRA, Naresh PANIGRAHI, Dibya Singha DAS (INDIA)

41000 ACCELERATED AND STANDARD WEIGHT BEARING REGIMENS FOLLOWING CARTILAGE REPAIR SURGERY – SYSTEMATIC REVIEW AND META-ANALYSIS

Vishvas SHETTY, Anan SHETTY (UNITED KINGDOM)

- 40999 AUTOLOGOUS BONE-MARROW MESENCHYMAL CELL INDUCED CHONDROGENESIS: SINGLE-STAGE ARTHROSCOPIC CARTILAGE REPAIR – FOUR-YEAR CLINICAL AND RADIOLOGICAL RESULTS**
Vishvas SHETTY, Anan SHETTY, Seok-Jung KIM (UNITED KINGDOM)

12:00 - 12:30 *Plenary Lecture – Vilmos Vecsei (in Hall 1 Lingnan)*

THE TIME IS RIPE! HOW THE NEGLECT OF PIONEERING IDEAS HAS IMPACTED PROGRESS IN TRAUMA CARE
Vilmos VECSEI (AUSTRIA)

12:30 - 13:30 *Industry-Sponsored Symposium*

13:30 - 14:00 *Instructional Course – Microsurgery I (Chinese Programme)*

Moderators:

Liqiang GU, Aihemaiti YUSUFU, Dedi TONG (CHINA)

PROGRESS IN ORTHOPAEDIC MICROSURGERY IN THE WORLD
Marko BUMBASIREVIC (SERBIA)

DEVELOPMENT OF ORTHOPAEDIC MICROSURGERY IN CHINA
Xiaolin LIU (CHINA)

14:00 - 15:25 *Free Papers – Microsurgery I (Chinese Programme)*

Moderators:

14:00 - 15:15 Yimin CHAI, Shimin ZHANG, Songlin XIE (CHINA)

- 9003 PERFORATOR SURAL NEURO CUTANEOUS FLAP FOR MULTIPLE LIMB SKIN DEFECTS**
Yimin CHAI (CHINA)

- 9004 A NEW TREATMENT FOR LARGE SKIN DEFECTS: POLYFOLIATED PERFORATOR FLAP**
Juyu TANG (CHINA)

- 3469 DISTALLY BASED SURAL FASCIOTOMY FLAP: PERFORATOR VERSUS FASCIA PEDICLE**
Shimin ZHANG (CHINA)

- 5131 POSTERIOR TIBIAL ARTERY PERFORATOR CHIMERIC TISSUE FLAP FOR LIMB SOFT TISSUE DEFECT**
Mingwu ZHOU (CHINA)

- 1507 PERONEAL ARTERY PERFORATOR FLAP FOR INFECTED SOFT TISSUE DEFECT IN HEEL**
Dehao FU (CHINA)
- 5101 FREE MICRODISSECTED THINNED PERFORATOR FLAP: A CLINICAL STUDY**
Songlin XIE (CHINA)
- 5080 THE DESIGN AND APPLICATION OF CAPILLARY PERFORATOR ANTEROLATERAL THIGH FLAP**
Jian QI (CHINA)
- 5022 BILATERAL CHEST-NAVEL PEDICLED FLAP COMBINED WITH ABDOMINAL BRIDGED FLAP FOR MASSIVE SKIN AVULSIVE DEFECTS**
Linjun TANG (CHINA)
- 3481 FREE LATERAL UPPER ARM PERFORATOR-BASED KISS FLAP FOR LARGE UPPER LIMB SKIN DEFECTS**
Xueyuan LI (CHINA)
- 4886 LATERAL UPPER ARM OSTEOCUTANEOUS FLAP FOR COMBINED INJURY OF UPPER ARM AND HAND**
Zhenzhong SUN (CHINA)
- 3719 CLINICAL APPLICATION OF 3D-CTA MODEL IN HAND REPAIR AND RECONSTRUCTION**
Wen WU (CHINA)
- 4723 REPAIR OF SOFT TISSUE DEFECTS WITH DIFFERENT ISLAND FLAPS OF HAND**
Jin LI (CHINA)
- 1506 MODIFIED ANTEROLATERAL THIGH FLAP IN ONE-STAGE REPAIR FOR SKIN DEFECTS**
Shuqiang XIE (CHINA)
- 4651 FREE ANTEROLATERAL THIGH PERFORATOR FLAP FOR HAND AND WRIST SKIN DEFECTS**
Zhengfeng LU (CHINA)
- 2530 A RETROSPECTIVE ANALYSIS OF COMPRESSION FACTORS OF THE THORACIC OUTLET SYNDROME IN SURGERY**
Shusen CUI (CHINA)

Discussion Panelists:

15:15 - 15:25 Yudong GU, Guangyue ZHAO, Jie ZHAN, Yuben XU, Jingliang ZHANG, Xuedong YU, Shanlin CHEN (CHINA)

15:30 - 16:00 **Plenary Lecture – Jianguo Zhang (in Hall 1 Lingnan)**

SURGICAL TREATMENT OF SEVERE SPINAL KYPHOSCOLIOSIS IN CHINA
Jianguo ZHANG (CHINA)

16:00 - 18:35

Free Papers – Microsurgery II (Chinese Programme)

16:00 - 16:30

Moderators:

Shusen CUI, Lei XU, Jian QI (CHINA)

4993 THE PROGRESS OF CONTRALATERAL C7 NERVE ROOT TRANSPOSITION
Lei XU (CHINA)

3377 OUTCOME OF NERVE TRANSPOSITION FOR AXILLARY NERVE INJURY
Yin YUAN (CHINA)

4865 SURGICAL TREATMENT FOR QUADRILATERAL FORAMEN SYNDROME
Qiang FU (CHINA)

**4839 CLINICAL INVESTIGATION OF NEUROPATHIC PAIN FOLLOWING
BRACHIAL PLEXUS INJURY**
Guo FU (CHINA)

4708 MICROSURGICAL REPAIR FOR PERIPHERAL NERVE INJURY
Wentao ZHANG (CHINA)

**5110 MRI-BASED 3D RECONSTRUCTION FOR THE SHORT SEGMENT COMMON
FIBULAR NERVE**
Jian QI (CHINA)

16:30 - 16:40

Discussion Panelists:

Jie XU, Qingping XIE, Aixi YU, Chun ZHANG (CHINA)

16:40 - 17:35

Moderators:

Juyu TANG, Kejian WU, Gaohong REN (CHINA)

**3326 THE RE-UTILISATION OF THE SEVERE HAND AND FOOT AVULSIVE SKIN:
SHORT-TERM FOLLOW-UP**
Xiaoju ZHENG (CHINA)

**2868 PEDICLED ILIAC BONE GRAFT FOR RECONSTRUCTION OF LOWER LIMB
BONE AND SOFT TISSUE DEFECTS**
Kejian WU (CHINA)

**3126 THE TREATMENT STRATEGY OF INFECTIOUS LONG BONE DEFECT OF
LOWER EXTREMITY**
Yunsheng TENG (CHINA)

**5041 THE CLINICAL APPLICATION OF SEGMENTAL VASCULAR
TRANSPLANTATION WITH FREE TISSUE FLAP FOR SEVERE LOWER LIMB
COMBINED INJURIES**
Dedi TONG (CHINA)

3016 MODIFIED LATISSIMUS DORSI SKIN FLAP FOR MASSIVE SKIN AND SOFT TISSUE DEFECT OF THE LOWER LIMB
Panfeng WU (CHINA)

9005 A CASE REPORT OF BILATERAL ANTEROLATERAL THIGH FLAP FOR MASSIVE VULVA SKIN DEFECT
Jianwen LIAO (CHINA)

4513 THINNED ANTEROLATERAL THIGH PERFORATOR FLAP FOR DEFECTS OF DISTAL FOOT
Gaohong REN (CHINA)

5006 APPLICATION OF SKIN FLAP AND MYOFASCIOTOMY FLAP FOR COMPLICATED INFECTIOUS REFRACTORY WOUND
Chun ZHANG (CHINA)

1219 TREATMENT OF ARTERIAL INJURY OF EXTREMITIES CAUSED BY HIGH ENERGY TRAFFIC ACCIDENT
Gang ZHONG (CHINA)

4909 ONE-STAGE RECONSTRUCTION OF POPLITEAL ARTERY INJURY COMBINED WITH FRACTURE AND DISLOCATION OF KNEE JOINT
Yang LIU (CHINA)

5055 CAUSE ANALYSIS OF AMPUTATION SECONDARY TO POPLITEAL ARTERY INJURY
Dawei ZHANG (CHINA)

Discussion Panelists:

17:35 - 17:45 Zongsheng YIN, Peiji WANG, Wen WU, Chun ZHANG, Dehong GUAN, Jianxi HOU (CHINA)

Moderators:

17:45 - 18:25 Jinmin ZHAO, Jianli WANG, Ziqing ZHANG (CHINA)

1338 REPLANTATION OF TEN FINGERS AND BILATERAL FOREARM: A CASE REPORT
Ziqing ZHANG (CHINA)

3266 LEFT HAND HETEROTOPIC TRANSPLANTED FOR RIGHT HAND RECONSTRUCTION: 8-YEAR FOLLOW-UP
Meng ZHAO (CHINA)

4650 ONE-STAGE ARM REPLANTATION AND TWO-STAGE THUMB ECTOPIC IMPLANTATION: A CASE REPORT AND LITERATURE REVIEW
Li QIANG (CHINA)

312 A CASE OF HAND PRESERVATION FOR CARPAL PALM INJURIES
Yang ZHOU (CHINA)

4676 A CASE REPORT OF TWO-STAGE LEG ECTOPIC IMPLANTATION FOR AMPUTATED FOREARM
Shengqiang FU (CHINA)

2943 EXPERIENCE OF LOWER LIMB REPLANTATION

Xinguang HAN (CHINA)

2134 BILATERAL KNEE REPLANTATION: A CASE OF 4-YEAR FOLLOW-UP

Xiaogang AN (CHINA)

4770 THE APPLICATION OF ARTERIOVENOUS SHUNT IN PAEDIATRIC DISTAL FINGER REPLANTATION

Huiru ZHANG (CHINA)

18:25 - 18:35

Discussion Panelists:

Huiren LIU, Mingwu ZHOU, Jianping XIANG, Pei HAN, Yin YUAN (CHINA)



Thursday, 17 September

Hall 6 Yangjiang

08:30 - 10:00

Free Papers – Trauma: Polytrauma & Miscellaneous

Moderators:

Reinhard SCHNETTLER (GERMANY), Manyi WANG (CHINA)

39069 COMPARISON BETWEEN POLYTRAUMA AND ISOLATED FRACTURE OF SHAFT OF LONG BONE

Boujaylah AQWUYIDIR (LIBYA)

41638 COMPARATIVE ANALYSIS OF PAEDIATRIC ORTHOPAEDICS WEEKEND TRAUMA IN NIGERIA

Olayinka Oladiran ADEGBEHINGBE, Adeolu Ikechukwu ADEYEYE, Rereloluwa Nicodemus BABALOLA, Michael Bimbola FAWALE, Toluwani Egun BABALOLA, Joseph Olorunsogo MEJABI (NIGERIA)

40855 THE NEW FEMORAL NECK SYSTEM FOR FEMORAL NECK FRACTURE FIXATION: BIOMECHANICAL PERFORMANCE IN COMPARISON TO DIVERSE STANDARD IMPLANTS FOR OSTEOSYNTHESIS

Boyko GUEORGUIEV, Karl STOFFEL, Ivan ZDERIC, Christoph SOMMER, Ursula EBERLI, David MUELLER, Martin OSWALD (SWITZERLAND)

39080 INNOVATIVE SOLUTION TO COLD-WELDING PROBLEMS WITH LOCKING OSTEOSYNTHESIS PLATES: A STUDY OF 140 PATIENTS

Reinhard SCHNETTLER (GERMANY)

41737 MANAGEMENT OF PERTROCHANTERIC FEMORAL FRACTURES USING PROXIMAL FEMORAL NAIL VERSUS TROCHANTERIC LOCKED PLATE IN ELDERLY PATIENTS

Alaa EL TAHAN, Atef MORSY, Emad EL BANA (EGYPT)

- 41617 FIXATION FAILURE IN INTRAMEDULLARY NAILING OF THE
INTERTROCHANTERIC FRACTURES**
Aleh KORZUN, Alexander BELETSKY, Alexandre SITNIK, Alexandre LINOV
(BELARUS)
- 41489 RECONSTRUCTION OF POST-TRAUMATIC LONG SEGMENT BONE
DEFECTS OF THE LOWER END OF FEMUR BY FREE VASCULARISED FIBULA
COMBINED WITH ALLOGRAFT (MODIFIED CAPANNA'S TECHNIQUE)**
Bhaskara Kanakeshwar RAJA, Aghaharam DEVENDRA, S. RAJASEKARAN
(INDIA)
- 40201 EVALUATION OF ACCURACY OF PATIENT SPECIFIC PRE-CONTOURED
PLATES IN ACETABULUM FRACTURE FIXATION**
Amit SHARMA, Lalit MAINI, Sunil JHA (INDIA)
- 41273 NEGLECTED PILON FRACTURE WITH CONCOMITANT IPSILATERAL
COMMINUTED FRACTURE OF TALUS**
Dibya Singha DAS, Naresh PANIGRAHI, Satya R. PATRA (INDIA)
- 42368 COMPUTER-ASSISTED ORTHOPAEDIC SURGERY GUIDED BY DAMAGE
CONTROL FOR PELVIC FRACTURES IN POLYTRAUMA PATIENTS:
PRELIMINARY RESULTS OF 39 PATIENTS**
Xin HUANG, Chunpeng ZHAO, Yonggang SU, Tianmiao WANG, Manyi
WANG (CHINA)
- 42367 EXPLORATIONS TO THE EARLY MANAGEMENT STRATEGIES OF MULTIPLE
INJURIES**
Jincheng HUANG, Hongkai LIAN (CHINA)

10:00 - 10:30 **Break**

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

Moderators:

Cyril MAUFFREY (UNITED STATES), Peifu TANG (CHINA)

- 41456 MODIFIED STOPPA APPROACH IN TREATMENT OF PELVIC FRACTURES**
Alyaksandr MURZICH, Alexander BELETSKY, Andrey VORONOVICH
(BELARUS)
- 39148 TREATMENT OF UNSTABLE PELVIC FRACTURES WITH POSTERIOR
PLATING AND ANTERIOR EXTERNAL FIXATOR**
Dariush GOURAN SAVADKOOHI, Babak SIAVASHI, Ehsan PENDAR (IRAN)
- 40316 PARARECTUS APPROACH FOR TREATMENT OF ACETABULAR BOTH-
COLUMN FRACTURE COMBINED WITH TRANSLOCATION OF
QUADRILATERAL SURFACE**
Shicai FAN, Guang XIA, Xiaodong YANG (CHINA)

- 41085 PROSPECTIVE STUDY OF DOUBLE PERPENDICULAR PLATES FIXATION IN ANTERO-POSTERIOR COMPRESSION INJURY WITH SYMPHISIAL DIASTASIS**
Waleed AMRHASSAEN, Mohammad Salah ABDELAAL (EGYPT)
- 40270 COMPARISON OF CURATIVE EFFECTS OF PARARECTUS APPROACH AND MODIFIED STOPPA APPROACH IN THE TREATMENT OF ACETABULAR FRACTURES**
Xiaodong YANG, Shicai FAN (CHINA)
- 40711 SURGICAL TREATMENT OF POSTERIOR WALL FRACTURE COMBINED WITH FEMORAL HEAD FRACTURE – EFFECTIVENESS OF SURGICAL DISLOCATION FOR FEMORAL HEAD FRACTURE**
Yoshihiro NAKAMURA, Etsuo CHOSA, Takero SAKAMOTO, Shinji WATANABE, Hiroshi IKEJIRI, Taro FUNAMOTO, Masaru HIYOSHI, Keisuke KAWANO (JAPAN)
- 41127 RANDOMISED CONTROLLED TRIAL OF A MODIFIED STOPPA APPROACH VERSUS AN ILIOINGUINAL APPROACH FOR THE TREATMENT OF ACETABULAR FRACTURES**
Yue FANG (CHINA)
- 40747 THE APPLICATION OF 3D PRINTING AND THE TECHNOLOGY OF VIRTUAL SURGERY IN THE SURGICAL TREATMENT OF ACETABULAR FRACTURES**
Cangjun ZENG, Zhanglin WU, Jing XU, Yang YANG, Bin YAN, Huajun HUANG (CHINA)
- 40973 HETEROTOPIC OSSIFICATION AFTER ACETABULAR FIXATION**
Ady ABDELHAG, Yahya ELHASSAN (IRELAND)
- 42388 MINIMALLY INVASIVE PLATE OSTEOSYNTHESIS FOR UNSTABLE FRACTURE OF ANTERIOR PELVIC RING INJURIES: A RETROSPECTIVE STUDY**
Zhongxiang YU (CHINA)

12:00 - 12:30

Plenary Lecture – Vilmos Vecsei (in Hall 1 Lingnan)

THE TIME IS RIPE! HOW THE NEGLECT OF PIONEERING IDEAS HAS IMPACTED PROGRESS IN TRAUMA CARE
Vilmos VECSEI (AUSTRIA)

12:30 - 13:30

Industry-Sponsored Symposium

13:30 - 14:00

Instructional Course – Foot & Ankle I (Chinese Programme)

Moderators:

Guangrong YU, Xu WANG (CHINA)

THE EXCISION OF ACCESSORY NAVICULAR WITH RECONSTRUCTION OF POSTERIOR TIBIAL TENDON INSERTION ON NAVICULAR FOR THE FLATFOOT RELATED WITH ACCESSORY NAVICULAR

Kanglai TANG (CHINA)

THE THERAPY OF PILON FRACTURE

Guangrong YU (CHINA)

14:00 - 15:25

Free Papers – Foot & Ankle I (Chinese Programme)

Moderators:

14:00 - 15:15

Dan JIN, Ming XIE, Junfeng ZHAN (CHINA)

2916 COMPARATIVE STUDY OF IMAGE MORPHOLOGY OF POSTERIOR PILON FRACTURE BLOCK AND POSTERIOR MALLEOLAR FRACTURE BLOCK

Dan JIN (CHINA)

1755 RELEASE OF SUBTALAR JOINT AND FIBULA TENDON FOR THE ANKLE JOINT STIFFNESS AFTER CALCANEAL FRACTURES

Fengqi ZHANG(CHINA)

1050 ANALYSIS OF SURGICAL EFFECT OF DANIS-WEBER B3 AND C3 TYPE ANKLE JOINT FRACTURES

Junfeng ZHAN (CHINA)

1395 TREATMENT OF OLD ANKLE JOINT FRACTURES

Xunwen CHEN (CHINA)

1126 EXTERNAL FIXATION COMBINED WITH OPEN REDUCTION AND LIMITED INTERNAL FIXATION FOR PILON FRACTURES

Xiangyu WANG (CHINA)

445 LIMITED OPEN REDUCTION COMBINED WITH ANATOMIC LOCKING COMPRESSION PLATE FIXATION FOR TIBIAL PILON FRACTURE

Shijun WEI (CHINA)

3283 THE DISTAL TIBIAL OSTEOTOMY FOR THE OLD PILON FRACTURE

Zhongmin SHI (CHINA)

2008 SURGICAL TREATMENT OF FRACTURE OF ANKLE JOINT AND COMPLETE RUPTURE OF DELTOID LIGAMENT – A MULTI-CENTRE STUDY

Mingzhu ZHANG (CHINA)

2386 THE CLINICAL OUTCOME OF CLOSED REDUCTION AND PERCUTANEOUS FIXATION FOR FIBULAR FRACTURE
Zongde WU (CHINA)

830 TREATMENT OF CALCANEAL HAGLUND DEFORMITY WITH CALCANEAL CLOSING WEDGE OSTEOTOMY
Binghua ZHOU (CHINA)

677 EXTERNAL FIXATION AND GRADUAL LIMB LENGTHENING FOR COMPLICATED DELAYED CALCANEAL FRACTURES: A NEW SURGICAL TECHNIQUE (REPORT OF 23 CASES)
Aimin WANG (CHINA)

2859 SURGICAL TREATMENT OF ANKLE JOINT FRACTURES COMBINED WITH SEPARATION OF TIBIOFIBULAR SYNDESMOSIS
Wei WANG (CHINA)

2584 COMPARISON OF TWO KINDS OF INTERNAL FIXATION FOR CALCANEAL FRACTURES OF ELDERLY PATIENTS ON THE SUBTALAR JOINT MOTION
Naxin FU (CHINA)

427 EXTERNAL FIXATION COMBINED WITH LIMITED OPEN REDUCTION AND INTERNAL FIXATION FOR THE CHOPART JOINT INJURY
Shaoliang LI (CHINA)

2512 EFFECTS OF REPAIRS OF LISFRANC INJURIES WITH DIFFERENT INTERNAL FIXATIONS ON THE STABILITY OF THE ANKLE JOINT
Dan WANG (CHINA)

Discussion Panelists:

15:15 - 15:25 Guowei RONG, Chengwei WANG, Aiguo WANG, Linru ZENG, Lei HUANG, Min CHANG, Lin Xu (CHINA)

15:30 - 16:00 **Plenary Lecture – Jianguo Zhang (in Hall 1 Lingnan)**

SURGICAL TREATMENT OF SEVERE SPINAL KYPHOSCOLIOSIS IN CHINA
Jianguo ZHANG (CHINA)

16:00 - 18:35 **Free Papers – Foot & Ankle II (Chinese Programme)**

16:00 - 16:55 *Moderators:*
Zhijian WANG, Lei SHEN, Jianhua HUANG(CHINA)

2731 ANALYSIS OF AUTOLOGOUS OSTEOCHONDRAL TRANSPLANTATION FOR TALUS OSTEOCHONDRAL LESIONS
Chao SUN (CHINA)

2872 OPEN INTRA-ARTICULAR COMMUNUTED CALCANEAL FRACTURES WITH BILATERAL TRIANGULAR RETRACTABLE EXTERNAL FIXATOR
Wei LIANG (CHINA)

- 2964 THE CLINICAL APPLICATION OF 3D VISUAL ANALYSIS OF COMPLEX MIDFOOT INJURY**
Jinsong HONG (CHINA)
- 2975 CORRELATION BETWEEN THE QUALITY OF THE POSTERIOR CALCANEAL FACET REDUCTION AND THE EFFICACY OF CALCANEAL FRACTURES**
Sanyuan TANG (CHINA)
- 2115 CLINICAL APPLICATION OF FREE ANTEROLATERAL FEMORAL FLAP FOR THE TISSUE DEFECT OF FOOT AND ANKLE**
Aiguo WANG (CHINA)
- 2376 A COMPARATIVE STUDY OF TWO KINDS OF JOINT DISTRACTION TECHNOLOGY FOR MIDDLE TERM ANKLE ARTHRITIS**
Hongmou ZHAO (CHINA)
- 3251 CALCANEAL OSTEOTOMY WITHOUT SUBTALAR FUSION FOR MALUNION OF CALCANEAL FRACTURE**
Min CHEN (CHINA)
- 3275 SURGICAL TECHNIQUES OF REDUCTION AND FIXATION FOR OLD CALCANEAL FRACTURES**
Xiongfeng LI (CHINA)
- 3414 TRANSFERRING OF CAPITULA FIBULA FOR REPAIRING BONE DEFECT OF LATERAL MALLEOLUS**
Yinshuan DENG (CHINA)
- 4973 COMBINED MEDIAL AND LATERAL APPROACH FOR TALUS NECK FRACTURE WITH TALUS DISLOCATION**
Bing LI (CHINA)
- 3891 SPLAY SMALL INCISION FOR CALCANEAL FRACTURE**
Jiafu QU (CHINA)

Discussion Panelists:

16:55 - 17:05 Yan WANG, Xiangdang LIANG, Zhiwei CHEN, Gang CHEN, Yi YANG, Yi LI (CHINA)

Moderators:

17:05 - 17:45 Yong HU, Zhijian WANG, Tongzhu BAO (CHINA)

- 2453 THE SELECTION OF PEDICLE SKIN FLAP FOR ANKLE TRAUMATIC SKIN DEFECT**
Yong HU (CHINA)
- 2610 THE THIRD PERONEUS USED FOR RECONSTRUCTION OF OLD ANTERIOR TALOFIBULAR LIGAMENT INJURY**
Aiguo WANG (CHINA)
- 2713 THE TREATMENT OF FLEXOR HALLUCIS LONGUS TENDON TRANSFER FOR CHRONIC ACHILLES TENDON RUPTURE**
Yangbo XU (CHINA)

- 3033 MINIMALLY INVASIVE INTRAMEDULLARY FIXATION FOR BOTTOM OF THE FIFTH METATARSAL STRESS FRACTURE IN FOOTBALL PLAYERS**
Zhijian WANG (CHINA)
- 3075 SURGICAL TREATMENT OF LATERAL MALLEOLUS AVULSION FRACTURE IN 31 CASES**
Tongzhu BAO (CHINA)
- 5059 OSTEOTOMY COMBINED LATERAL LIGAMENT RECONSTRUCTION FOR VARUS TALUS OSTEOCHONDRAL LESIONS**
Mu HU (CHINA)
- 3230 V-Y EXTENDED COMBINED GASTROCNEMIUS APONEUROSIS REVERSAL FOR CHRONIC ACHILLES TENDON RUPTURE**
Chao ZHANG (CHINA)
- 2663 TREATMENT OF TIBIOFIBULAR SYNDESMOTIC INJURIES WITH DISTAL TIBIOFIBULAR HOOK AND SUTURE-BUTTON TECHNIQUE**
Hao LU (CHINA)

Discussion Panelists:

17:45 - 17:55 Hui ZHU, Xiaodong QIN, Xiaodong YANG, Hailin XU, Ming ZHENG, Aiguo WANG (CHINA)

Moderators:

17:55 - 18:25 Yuelin HU, Weidong SONG, Peng GAO (CHINA)

- 252 ARTHROSCOPY-ASSISTED SUBTALAR ARTHRODESIS**
Wei HUANG (CHINA)
- 845 NEW PROGRESS OF ANKLE ARTHROSCOPY**
Kanglai TANG (CHINA)
- 1157 OPERATION TREATMENT FOR ANKLE JOINT AFTER VENTRICULAR LESIONS IN THE SUPINE POSITION UNDER ARTHROSCOPY**
Jianchao GUI (CHINA)
- 1517 IMAGING AND ARTHROSCOPIC FEATURES OF HEPPELV TALUS CARTILAGE LESIONS**
Yuelin HU (CHINA)
- 2492 MINIMALLY INVASIVE SURGICAL TREATMENT OF TRIQUETRAL BONE INJURY**
Hailin XU (CHINA)
- 4992 APPLICATION OF SUBTALAR ARTHROSCOPY TECHNIQUE FOR SINUS TARSI SYNDROME**
Weidong SONG (CHINA)

Discussion Panelists:

18:25 - 18:35 Yinshuan DENG, Sanyuan TANG, Wei WANG (CHINA)



Thursday, 17 September

Hall 7 Zhongshan

08:30 - 10:00

Free Papers – Foot & Ankle: Reconstruction

Moderators:

Isabel PARADA AVENDAÑO (SPAIN), Guangrong YU (CHINA)

- 42299 CHANNEL-ASSISTED MINIMALLY INVASIVE REPAIR OF ACUTE ACHILLES TENDON RUPTURE**
Hua CHEN (CHINA)
- 40723 RECONSTRUCTION OF NEGLECTED RUPTURE OF ACHILLES TENDON BY IPSILATERAL FREE SEMITENDINOSUS TENDON GRAFT**
Abd Elrahman ELGANAINY, Mohammad BADRAN (EGYPT)
- 39082 FHL RECONSTRUCTION (DOUBLE INCISION TECHNIQUE) FOR NEGLECTED ACHILLES TENDON RUPTURE: MID-TERM RESULTS OF 21 PATIENTS**
Aditya Krishna MOOTHA, Raghuveer Chander ALLURI (INDIA)
- 42301 ENDOBUTTON ELASTIC FIXATION IN TREATMENT OF SYNDESMOTIC CHRONIC INSTABILITY**
Jing TIAN (CHINA)
- 42303 DOUBLE ARTHRODESIS THROUGH A SINGLE MEDIAL INCISION APPROACH FOR FLATFOOT**
Guangrong YU (CHINA)
- 42291 TAR FOR TREATMENT OF PAINFUL ANKLE ARTHRODESIS**
Youguang ZHAO (CHINA)
- 42302 TOTAL ANKLE ARTHROPLASTY WITH THE STAR PROSTHESIS**
Yong WU (CHINA)
- 42300 METALLIC SURFACING HEMIARTHROPLASTY OF THE FIRST METATARSOPHALANGEAL JOINT COMBINED WITH OSTEOTOMY OF THE METATARSAL FOR THE TREATMENT OF HALLUX RIGIDUS WITH HALLUX VALGUS**
Hailin XU (CHINA)
- 42290 TREATMENT OF FIRST METATARSOPHALANGEAL JOINT GOUTY ARTHRITIS BY ARTHRODESIS WITH STRUCTURAL BONE GRAFT**
Peng GAO (CHINA)
- 41604 FOREFOOT RECONSTRUCTION AND ITS COMPLICATIONS**
Isabel PARADA AVENDAÑO, Alejandro SANTAMARÍA FUMAS, Jorge MURIANO ROYO, Alejandro DOMINGUEZ SEVILLA (SPAIN)

10:00 - 10:30 **Break**

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

Moderators:

Qing JIANG (CHINA), Michael NERLICH (GERMANY)

41503 INVESTIGATION OF THE BACTERIAL ISOLATION RATE FROM INDIVIDUAL ENDOPROSTHETIC COMPONENTS

Viktor JANZ, Benjamin BARTEK, Georgi WASSILEW, Carsten PERKA (GERMANY)

41901 HISTOPATHOLOGICAL ANALYSIS OF LOCAL INFLAMMATORY REACTIONS FOR DIAGNOSING PERIPROSTHETIC INFECTION OF HIP JOINT

Saravanan SANKARANARAYANAN ARUMUGAM, Victor VOLOSHIN, Anatoliy EREMIN, Igor DOROZHKO, Dmitry MARTYENKO, Sergey OSHKUKOV (RUSSIA)

41863 NOVEL TECHNIQUE FOR MAKING CEMENT SPACER FOR ARTHROPLASTY

Mathew VARGHESE (INDIA)

40854 THE EFFECTS OF SELECTIVE UPWARD DISPLACEMENT OF THE ACETABULAR COMPONENT ON THE LENGTH AND FUNCTION OF LOWER LIMBS WITH DEVELOPMENTAL DYSPLASIA OF THE HIP AFTER TOTAL HIP ARTHROPLASTY

Zhiyu HUANG, Zhiqi ZHANG, Ming FU, Guangxin HUANG, Peihui WU, Baoxi YU, Puyi SHENG, Weiming LIAO (CHINA)

40677 TOTAL HIP ARTHROPLASTY OF POST-TRAUMATIC ARTHRITIS FOLLOWING ACETABULAR FRACTURE

Daozhang CAI, Chun ZENG, Hang FANG, Chang ZHAO, Jianying PAN (CHINA)

41920 NEGLECTED POSTERIOR DISLOCATION OF HIP TREATED WITH SUBTROCHANTERIC OSTEOTOMY AND PRIMARY THR – A CASE REPORT

V. SATHYANARAYANA, Maulik Tulsibhai PATEL, Sivaram RAGHAVAN, D. NARESH (INDIA)

42314 DETERMINATION OF ACCURACY OF LESSER TROCHANTER AS INTRAOPERATIVE REFERENCE LANDMARK FOR ENTRY POINT FOR LAG SCREW INSERTION IN HIP FRACTURES MANAGEMENT

Jianlin XIAO (CHINA)

40238 TREATMENT OF ABDUCTOR PALSY IN ADULT USING ILIO PSOAS TRANSFER

Laurent SEDEL (FRANCE)

12:00 - 12:30

Plenary Lecture – Vilmos Vecsei (in Hall 1 Lingnan)

THE TIME IS RIPE! HOW THE NEGLECT OF PIONEERING IDEAS HAS IMPACTED PROGRESS IN TRAUMA CARE

Vilmos VECSEI (AUSTRIA)

12:30 - 13:30

Industry-Sponsored Symposium

13:30 - 14:00

Instructional Course – Research I (Chinese Programme)

Moderators:

Zhuojing LUO, William LU, Kaiming CHAN (CHINA)

THE CHANGING FACE OF FRACTURE NON-UNION

Hamish SIMPSON (UNITED KINGDOM)

FROM CLINICAL IDEAS TO CLINICAL INNOVATION AND SUCCESSFUL TRANSLATION

Chengkong CHENG (CHINA)

14:00 - 15:25

Free Papers – Research I (Chinese Programme)

Moderators:

14:00 - 14:35

William LU, Qingan ZHU, Peng SHANG (CHINA)

3319 MULTI-SEGMENTAL 3D MOVEMENT AND SPINAL INTERVERTEBRAL DISC NUCLEUS BIOMECHANICAL PRESSURE OF ARTIFICIAL CERVICAL DISC REPLACEMENT AND ANTERIOR CERVICAL FUSION INTERNAL FIXATION
Bo XU (CHINA)

950 DIGITAL ANALYSIS AND APPLICATION OF THE SCREW PATH OF PERCUTANEOUS TRANSVERSE SACROILIAC FIXATION
Yuanzhi ZHANG (CHINA)

1098 AUTOMATIC SLIPPING GROWTH ROD FOR THE TREATMENT OF CORRECTION OF SCOLIOSIS IN PIGLET
Xu SUN (CHINA)

1335 BIOMECHANICAL STUDY OF SPINAL EXTERNAL FIXATION IN TREATMENT OF TWO ADJACENT SEGMENT LUMBAR FRACTURES
Wenjun WANG (CHINA)

4253 ESTABLISHMENT OF ARTIFICIAL VERTEBRAL BODY WITH ANTI-TUBERCULOSIS BETA TRICALCIUM PHOSPHATE
Youzhuan XIE (CHINA)

4683 THE HUMAN VERTEBRAE IMITATED NON-INVASIVE CANINE MODEL OF VERTEBRAL DISC DEGENERATION

Tao GU (CHINA)

5015 CLINICAL ACCURACY OF ACTIVE INFRARED RAY NAVIGATION SYSTEM FOR SPINAL SURGERY

Yajun LIU (CHINA)

14:35 - 14:45

Discussion Panelists:

Shibi LU, Zhongliang DENG, Sheng LU, Lizhen WANG (CHINA)

14:45 - 15:15

Moderators:

Yuanzhi ZHANG, Bin LI, Jinwu WANG (CHINA)

3195 THE CT MEASUREMENT OF ACROMIOCLAVICULAR MORPHOLOGY OF THE JOINT AND ITS MATCHING OF THE CLAVICULAR HOOK PLATE

Yuchun CHEN (CHINA)

3758 MORPHOLOGICAL STUDY OF CENTRE SYNCHONDROSIS OF THE FETAL SPINAL CORD

Fuyun LIU (CHINA)

3977 THE EFFECTS OF DIFFERENT TAROMETATARSAL FUSIONS PERFORMED ON ADJACENT JOINT AND FOOT PRESSURE

Genbin WU (CHINA)

3988 BIOMECHANICAL STUDY OF THE ARRANGEMENT OF CENTRAL SUTURE AND PERIPHERAL SUTURE IN FLEXOR TENDON SUTURE

Zhe ZHANG (CHINA)

4755 BIOMECHANICAL STUDY OF CEMENT-AUGMENTED ANTERIOR VERTEBRAL SCREW

Chun CHEN (CHINA)

3327 BIOMECHANICAL STUDY OF POSTERIOR CRUCIATE LIGAMENT RECONSTRUCTION THROUGH TIBIAL TUNNEL TECHNIQUE AND INLAY TECHNIQUE IN AN OSTEOPOROSIS MODEL

Yue LI (CHINA)

15:15 - 15:25

Discussion Panelists:

Zhengguo WANG, Qiang ZHANG, Chaoyang LI, Li CAO (CHINA)

15:30 - 16:00

Plenary Lecture – Jianguo Zhang (in Hall 1 Lingnan)

SURGICAL TREATMENT OF SEVERE SPINAL KYPHOSCOLIOSIS IN CHINA

Jianguo ZHANG (CHINA)

16:00 - 18:35

Free Papers – Research II (Chinese Programme)

16:00 - 16:35

Moderators:

Lianfu DENG, Xuenong ZOU, Bin YU (CHINA)

894 STUDY ON THE MECHANICAL PROPERTIES AND BIOACTIVITY OF COMPOUND MATERIAL OF BONE CEMENT

Xisheng WENG (CHINA)

2262 NOVEL BIOACTIVE GLASS COMPOSITES FOR BONE REPAIR

Liu YANG (CHINA)

668 REPAIR BONE DEFECTS BY ICARITIN COMPOUNDED PLGA/TCP BIOACTIVE SCAFFOLD

Shihui CHEN (CHINA)

906 MULTI-LAYER BIOMIMETIC SCAFFOLDS PROMOTING NEOVASCULARISATION

Shengbing YANG (CHINA)

1726 PREPARATION OF ACETYL CYSTEINE CALCIUM PHOSPHATE BONE CEMENT COMPOUNDED SILK FIBROIN

Tao FENG (CHINA)

3727 OSTEObLAST AND OSTEocLAST MODULATION TISSUE ENGINEERING TECHNIQUES FOR THE PREVENTION OF ARTICULAR SURFACE COLLAPSING SECONDARY TO AVASCULAR NECROSIS OF FEMORAL HEAD

Jiang PENG (CHINA)

4571 NANO-BONE COMPOSITE OF BONE MARROW STROMAL STEM CELLS AND NANO-MATERIAL SCAFFOLD IN REPAIRING RABBIT FEMORAL HEAD NECROSIS

Xiaohong MU (CHINA)

Discussion Panelists:

16:35 - 16:45

Boguang CHEN, Jingyuan DU, Ziquan YANG, Hongxing SHEN, Xiaozhong ZHOU, Quanyi GUO (CHINA)

16:45 - 17:45

Moderators:

Gang LI, Wei CHEN, Guolin MENG (CHINA)

1326 INSULIN-LIKE GROWTH FACTOR – INDEPENDENT GROWTH HORMONE STIMULATES GROWTH OF CARTILAGE AND BONE AT THE GROWTH PLATE

Shufang WU (CHINA)

1564 THE CORTICAL INDUCTIVE PROPERTIES OF NELL 1 IN A RAT FEMUR DISTRACTION OSTEOGENESIS MODEL

Aiyuan WANG (CHINA)

- 895 THE MECHANISM OF MICRORNA REGULATION ON HUMAN BONE MARROW STROMAL CELL OSTEOGENESIS TREATED BY HIGH CONCENTRATIONS OF DEXAMETHASONE**
Yanyan BIAN (CHINA)
- 1635 LEPTIN PERFORMED ON FRACTURE HEALING OF SD RAT**
Ming CAI (CHINA)
- 1329 BONE GRAFT FROM α -GAL KO PIG REPAIRS BONE DEFECT OF MONKEY**
Wenhao WANG (CHINA)
- 1519 MICROVASCULARISED BIOLOGICAL BONE CONSTRUCTED WITH AUTOLOGOUS PERIPHERAL BLOOD DERIVED EPCS AND BMSCS SEEDING ON SCPP**
Zhou XIANG (CHINA)
- 4206 INTRA-ARTICULAR INJECTION OF THE ANCIENT ANTIMICROBIAL PERFORMED ON THE AUTOLOGOUS BONE AND CARTILAGE TRANSPLANTATION IN RABBIT**
Qing JIANG (CHINA)
- 1171 VITRO CONSTRUCTION OF TISSUE ENGINEERING CHITOSAN HYDROGEL-DBM SCAFFOLD**
Hongjie HUANG (CHINA)
- 171 ESTABLISHED TISSUE ENGINEERING CARTILAGE BY EXTRACELLULAR MATRIX SOURCE OF CHONDROCYTES**
Heyong YIN (CHINA)
- 4069 GRADIENT PRESSURE COMBINED WITH SOX-9 OVEREXPRESSION INDUCES THE CHONDROGENIC DIFFERENTIATION OF BMSCS**
Xu CHEN (CHINA)
- 1417 LAMELLAR SCAFFOLD FOR THE REPAIR OF ARTICULAR CARTILAGE AND SUBCHONDRAL BONE DEFECT**
Ming LIU (CHINA)
- 3156 APPLICATION OF COMPOUND GROWTH FACTOR IN XENOGENIC MENISCUS TRANSPLANTATION**
Huayang HUANG (CHINA)

Discussion Panelists:

17:45 - 17:55 Shizhen ZHONG, Yue DING, Peixun ZHANG, Yulong SUN, Hui LIAO, Ying ZHANG (CHINA)

Moderators:

17:55 - 18:25 Shiqing FENG, Liming CHENG, Qiang ZHOU (CHINA)

- 1272 ELECTRICAL STIMULATION PROMOTES THE NEURO-DIFFERENTIATION OF ADIPOSE STEM CELLS**
Yafeng YANG (CHINA)

- 4130 QUANTITATIVE PROTEOMIC ANALYSIS OF THE MOTOR CORTEX AFTER TOTAL BRACHIAL PLEXUS INJURY USING ITRAQ**
Ye JIANG (CHINA)
- 3364 NERVE REGENERATION CHAMBERS SERIES TYPE CONNECTION COMBINE MAGNIFYING EFFECT FOR THE REPAIR OF LONG NERVE DEFECTS**
Jincheng ZHANG (CHINA)
- 3788 DECELLULARISED CAUDA EQUINA COMBINED WITH CHITOSAN CATHETER FOR THE REGENERATION OF SCIATIC NERVE IN RAT**
Xun SUN (CHINA)
- 4180 TISSUE ENGINEERING NERVE COMBINED WITH LIGUSTRAZINE FOR THE REPAIR OF SCIATIC NERVE DEFECT**
Yunkang YANG (CHINA)
- 3919 NANO CURCUMIN INHIBITS ACHILLES TENDON ADHESION**
Weizhong ZHANG (CHINA)

18:25 - 18:35

Discussion Panelists:

Kangmei KONG, Jinglong YAN, Guangzhi NING (CHINA)



Thursday, 17 September

Hall 8 Dongguan

08:30 - 10:00

Free Papers – Research: Cartilage & Bone

Moderators:

Mehmet ISYAR (TURKEY), William LU (CHINA)

- 41405 EXPRESSION PROFILE OF LONG NONCODING RNAS IN HUMAN OSTEOARTHRITIC CARTILAGE**
Guangxin HUANG, Ming FU, Zhiqi ZHANG, Zhiyu HUANG, Baoxi YU, Hong SUN, Ziji ZHANG, Zibo YANG, Weiming LIAO (CHINA)
- 39141 CHONDROCYTE-SEEDED ECM DERIVED MICROCARRIERS AS BUILDING BLOCKS FOR ARTICULAR CARTILAGE REPAIR IN A RAT MODEL**
Heyong YIN, Zhen SUN, Jiang PENG, Xun SUN, Shibi LU (CHINA)
- 39738 LONG NONCODING RNAS EXPRESSION SIGNATURES IN CHONDROGENIC DIFFERENTIATION HUMAN BONE MARROW MESENCHYMAL STEM CELLS**
Liang WANG, Yipeng WANG, Bin YU, Zhengyao LI, Ziquan LI (CHINA)

- 41851 ARE THE LEADING DRUGS TO FIGHT AGAINST STAPHYLOCOCCUS AUREUS REALLY TOXIC TO CARTILAGE?**
Mehmet ISYAR, Mustafa DOGAN, Ibrahim YILMAZ, Bulent BILIR, Duygu YASAR SIRIN, Selami CAKMAK, Mahir MAHIROGULLARI (TURKEY)
- 41203 THE EFFECT OF WHARTON'S JELLY ON MENISCUS FIBROCHONDROCYTES IN VITRO AND CELL-BASED SCAFFOLD FOR MENISCUS TISSUE ENGINEERING**
Wei NIU (CHINA)
- 41312 IDENTIFICATION FOR LONG NONCODING RNA ASSOCIATED WITH OSTEOARTHRITIS IN HUMAN**
Dan XING, Yang CHEN (CHINA)
- 41769 FGFS/FGFR1 SIGNALINGS REGULATE BONE DEVELOPMENT AND REMODELING PARTIALLY THROUGH BMPs/BMP1A SIGNALINGS**
Fubing LI, Lin CHEN, Yongqing XU (CHINA)
- 41539 PROTEOMIC ANALYSIS REVEALS A CROSS-TALK AMONG OSTEOBLAST AND OSTEOCLAST IN THE BONE FRACTURE HEALING AFTER TRAUMATIC BRAIN INJURY**
Yang LIU, Fuguo HUANG (CHINA)

10:00 - 10:30 **Break**

10:30 - 12:00 **Free Papers – Research: Spine**

Moderators:

Ahmad ALAA (EGYPT), Zhuojing LUO (CHINA)

- 39478 TBX6 GENE RARE MUTATION IS AN IMPORTANT ETIOLOGY FOR CONGENITAL SCOLIOSIS**
Nan WU, Zhihong WU, Jianqiu XIAO, Sen LIU, Jianqi LIU, Zhenlei LIU, Yuzhi ZUO, Feng ZHANG, Guixing QIU (CHINA)
- 39387 POLYMORPHISM OF RS2767485 IN LEPTIN RECEPTOR (LEPR) GENE IS ASSOCIATED WITH THE OCCURRENCE OF ADOLESCENT IDIOPATHIC SCOLIOSIS**
Weiguo ZHU (CHINA)
- 39277 EVOLUTION OF VERTEBRAL AND DISC WEDGING IN IMMATURE PORCINE SCOLIOSIS MODEL AND ITS SIGNIFICANCE**
Xu SUN, Xin ZHENG (CHINA)
- 42321 THE RELATIONSHIPS BETWEEN MUTATIONS IN COMP GENE AND THE RISKS OF ANKYLOSING SPONDYLITIS IN CHINESE POPULATION**
Chongru HE (CHINA)

42319 DISC GENE THERAPY: DEVELOPMENT OF A NOVEL INDUCIBLE SYSTEM TO REGULATE EXPRESSION OF THE THERAPEUTIC TRANSGENE TIMP1
Wenjun WANG (CHINA)

39980 COUPLED SPINAL CANAL AND VERTEBRAL BODY GROWTH: OBSERVATIONS FROM AN OSTEOLOGICAL COLLECTION
Ahmad ALAA¹, Richard SCHWEND², Laurel BLAKEMORE², Behrooz AKBARNIA², Megan DUMAS², John SCHMIDT²
¹(EGYPT), ²(UNITED STATES)

41295 ASSOCIATION BETWEEN ADAMTS-4 GENE POLYMORPHISM AND LUMBAR DISC DEGENERATION IN CHINESE HAN POPULATION
Sen LIU, Nan WU, Jiaqi LIU, Zhenlei LIU, Yuzhi ZUO, Weisheng CHEN, Jun CHEN, Guixing QIU, Zhihong WU (CHINA)

40831 ASSESSMENTS OF THE BIOCOMPATIBILITY BETWEEN HUMAN UMBILICAL CORD-DERIVED WHARTON'S JELLY ACELLULAR POROUS SCAFFOLDS AND THE CANINE NUCLEUS PULPOSUS CELLS
Fan DING (CHINA)

12:00 - 12:30 *Plenary Lecture – Vilmos Vecsei (in Hall 1 Lingnan)*

THE TIME IS RIPE! HOW THE NEGLECT OF PIONEERING IDEAS HAS IMPACTED PROGRESS IN TRAUMA CARE
Vilmos VECSEI (AUSTRIA)

12:30 - 13:30 *Industry-Sponsored Symposium*

13:30 - 14:00 *Instructional Course – Sports Medicine I (Chinese Programme)*

Moderators:
Yingfang AO, Baicheng CHEN, Yujie LIU (CHINA)

TREATMENT OF CARTILAGE LESIONS – STATE OF THE ART
Stephen ABELOW (SPAIN)

UPDATE ON CLINICAL RESEARCH OF ARTICULAR CARTILAGE INJURY
Yingfang AO (CHINA)

14:00 - 15:25 *Free Papers – Sports Medicine I (Chinese Programme)*

Moderators:
14:00 - 14:30 Yingfang AO, Lunhao BAI, Chongmin CHEN (CHINA)

- 330 OUTCOME COMPARISON OF ACL RECONSTRUCTION: TRANSTIBIAL DRILLING VERSUS USE OF ACCESSORY MEDIAL PORTAL**
Chongmin CHEN (CHINA)
- 345 COMPARISON OF FEMORAL TUNNEL POSITIONS BY TRANSTIBIAL DRILLING AND ANTERIOR MEDIAL PORTAL IN ACL RECONSTRUCTION – A META-ANALYSIS**
An LIU (CHINA)
- 1072 COMPARISON OF TUNNEL POSITIONS BY 3D CT RECONSTRUCTION IN ACL RECONSTRUCTION: ENDOBUTTON VERSUS RIGIDFIX SYSTEM**
Ji WU (CHINA)
- 1748 CLINICAL OUTCOME COMPARISON OF ACL RECONSTRUCTION WITH OR WITHOUT PRESERVING ACL REMNANT**
Xueren TENG (CHINA)
- 2294 CLINICAL OUTCOME OF ARTHROSCOPIC ANATOMIC-LIKE ACL SINGLE BUNDLE RECONSTRUCTION AT THE NATIVE FEMORAL AMB FOOTPRINT**
Hong WANG (CHINA)
- 2561 PERSONALISED AND REMNANT-PRESERVING ACL RECONSTRUCTION**
Lei ZHANG (CHINA)

14:30 - 14:35 Discussion Panelists:
Xunwu HUANG, Xueren TENG, Xiangjin LIN, Jianzhong XU (CHINA)

14:35 - 15:15 Moderators:
Kaiming CHAN, Chunli ZHANG, Weidong XU (CHINA)

- 1283 DUAL-SOURCE CT RECONSTRUCTION OF ACL GRAFT: A NEW TYPE OF IMPINGEMENT**
Chunli ZHANG (CHINA)
- 3264 ISOKINETIC MUSCLE STRENGTH OF ACL-DEFICIENT KNEE IN 30 DEGREES FLEXION**
Hongshi HUANG (CHINA)
- 3865 THE INFLUENCES OF NUMBER OF MECHANORECEPTORS IN ACL REMNANT ON KNEE JOINT POSITION SENSATION IN ATHLETES**
Feng GAO (CHINA)
- 3900 CLINICAL OUTCOME OF ARTHROSCOPIC ACL REVISION**
Weiping LI (CHINA)
- 3953 DUAL-RIGIDFIX FOR THE FIXATION OF ACL GRAFT ON THE FEMUR AND TIBIA**
Yujie LIU (CHINA)
- 4223 CLINICAL OUTCOME OF ARTHROSCOPIC MENISCUS REPAIR IN ACL RECONSTRUCTION**
Qing JIANG (CHINA)

4568 OUTCOME COMPARISON OF AUTOGRAFT AND ALLOGRAFT ACL RECONSTRUCTION: 2-YEAR FOLLOW-UP

Jianying PAN (CHINA)

1399 UPDATE ON BONY BANKART LESION REPAIR

Changming HUANG (CHINA)

15:15 - 15:25

Discussion Panelists:

Li ZHAO, Wentao ZHANG, Keyuan ZHANG, Yong HU (CHINA)

15:30 - 16:00

Plenary Lecture – Jianguo Zhang (in Hall 1 Lingnan)

SURGICAL TREATMENT OF SEVERE SPINAL KYPHOSCOLIOSIS IN CHINA

Jianguo ZHANG (CHINA)

16:00 - 18:30

Free Papers – Sports Medicine II (Chinese Programme)

16:00 - 16:25

Moderators:

Wei LU, Weiping LI (CHINA)

9013 ARTHROSCOPIC TREATMENT FOR BONY BANKART LESION

Feng QU (CHINA)

2754 ADAPTIVE MOTION OF PROXIMAL ROW CARPAL BONE UNDER DIFFERENT MODES OF MOTION

Yong YANG (CHINA)

2774 ARTHROSCOPIC TREATMENT FOR SUBACROMIAL SYNOVIAL CHONDROMA WITH PARTIAL ROTATOR CUFF INJURY

Caiqi XU (CHINA)

1686 A RANDOMISED-CONTROLLED TRIAL OF PARECOXIB IN PAIN MANAGEMENT AND TIME-DEPENDENT DISTRIBUTION AFTER ROTATOR CUFF REPAIR

Yan LIU (CHINA)

3259 CLINICAL OUTCOME OF ARTHROSCOPIC FIXATION OF LONG HEAD OF BICEP TENDON BY SINGLE DOUBLE-THREAD ANCHOR

Qingsong ZHANG (CHINA)

16:25 - 16:35

Discussion Panelists:

Yi LU, Changming HUANG, Lei ZHANG (CHINA)

16:35 - 17:10

Moderators:

Shiyi CHEN, Zhongli LI, Kanglai TANG (CHINA)

3302 CLINICAL OUTCOME OF ARTHROSCOPIC ROTATOR CUFF REPAIR COMBINED WITH ACROMIOPLASTY

Guiqin WU (CHINA)

3355 OUTCOME OF ARTHROSCOPIC BANKART REPAIR: SINGLE-ROW VERSUS DOUBLE-ROW

Xu CHENG (CHINA)

3857 COMPARISON BETWEEN ARTHROSCOPIC SINGLE-ROW AND DOUBLE-ROW ROTATOR CUFF REPAIR – A META-ANALYSIS

Shiyu REN (CHINA)

4284 OUTCOME OF ARTHROSCOPIC TREATMENT FOR SUBACROMIAL IMPINGEMENT WITH ADHESIVE CAPSULITIS IN ELDERLY

Xueren TENG (CHINA)

4417 USE OF DOUBLE-ENDOBUTTON INTER-LOCKING TECHNIQUE IN ACROMIOCLAVICULAR JOINT DISLOCATION

Feng SHEN (CHINA)

5060 REPAIR OF MASSIVE ROTATOR CUFF TEAR IN PATIENTS WITH SEVERE OSTEOPOROSIS THROUGH MINI-OPEN ANTERIOR LATERAL APPROACH

Yongliang YANG (CHINA)

4657 ARTHROSCOPIC WAFER PROCEDURE FOR ULNAR IMPACTION SYNDROME

Jingyi MI (CHINA)

17:10 - 17:20

Discussion Panelists:

Weiguo ZHANG, Hui YAN, Yuan LIN, Lei NI (CHINA)

17:20 - 18:20

Moderators:

Daozhang CAI, Xueren TENG, Jianquan WANG (CHINA)

2239 ARTHROSCOPIC MANAGEMENT OF HIP OSTEOID OSTEOMA: OUTCOME ANALYSIS

Yu MEI (CHINA)

2869 ARTHROSCOPIC MANAGEMENT OF PIPKIN TYPE I-II FEMORAL HEAD FRACTURES

Zhaoxun PAN (CHINA)

3463 ARTHROSCOPIC MANAGEMENT OF FEMOROACETABULAR IMPINGEMENT: OUTCOME ANALYSIS

Xupeng WANG (CHINA)

3940 DYNAMIC IMBALANCE OF MUSCLE IN FEMOROACETABULAR IMPINGEMENT – A PRELIMINARY STUDY

Wentao ZHANG (CHINA)

4049 OUTCOME COMPARISON OF POSTOPERATIVE HIP FUNCTION: WITH OR WITHOUT CAPSULAR CLOSURE

Yan XU (CHINA)

- 4560 OUTCOME OF ARTHROSCOPIC DEBRIDEMENT WITH CORE DECOMPRESSION FOR EARLY AVASCULAR NECROSIS OF FEMORAL HEAD: A LONG-TERM FOLLOW-UP**
Chunbao LI (CHINA)
- 227 ARTHROSCOPIC MANAGEMENT OF FEMOROACETABULAR IMPINGEMENT: A SHORT-TERM FOLLOW-UP**
Youfei FAN (CHINA)
- 292 CLINICAL OUTCOME OF TENNIS LEG: A FOLLOW-UP OF 34 CASES**
Yongjian WANG (CHINA)
- 360 OUTCOME COMPARISON OF DOUBLE-TSUGE AND MODIFIED KESSLER SUTURE FOR ACUTE ACHILLES TENDON RUPTURE**
Wei QU (CHINA)
- 997 CLINICAL OUTCOME OF ARTHROSCOPIC DEBRIDEMENT FOR HEPPLER TYPE V CARTILAGE INJURY OF THE TALUS**
Qinwei GUO (CHINA)
- 4622 OUTCOME OF ARTHROSCOPIC MANAGEMENT FOR ANTERIOR BONY IMPINGEMENT OF THE ANKLE**
Jiming CHEN (CHINA)
- 4685 IMAGING STUDY OF FEMOROACETABULAR IMPINGEMENT IN X-RAY “NEGATIVE” PATIENTS WITH HIP PAIN: A RETROSPECTIVE STUDY**
Guangxing CHEN (CHINA)

18:20 - 18:30

Discussion Panelists:

Xizhuang BAI, Hong WANG, Wanchun WANG (CHINA)



Thursday, 17 September

Hall 9 Jiangmen

10:30 - 12:00

Symposium – Spine: Anterior Lumbar Interbody Fusion

12:00 - 12:30

Plenary Lecture – Vilmos Vecsei (in Hall 1 Lingnan)

THE TIME IS RIPE! HOW THE NEGLECT OF PIONEERING IDEAS HAS IMPACTED PROGRESS IN TRAUMA CARE

Vilmos VECSEI (AUSTRIA)

12:30 - 13:30

Industry-Sponsored Symposium

13:30 - 13:45

Instructional Course – Paediatrics (Chinese Programme)

Moderators:

Jianping YANG, Yuan GUO (CHINA)

DEFORMITY CORRECTION IN SKELETAL DYSPLASIA

Haeryong SONG (SOUTH KOREA)

13:45 - 15:30

Free Papers – Paediatrics I (Chinese Programme)

13:45 - 14:33

Moderator:

Zhenhua ZHU (CHINA)

5879 IS OPEN REDUCTION STILL NECESSARY FOR IRREDUCIBLE PAEDIATRIC SUPRACONDYLAR HUMERUS FRACTURE?

Xu LI (CHINA)

5880 EXTERNAL FIXATOR COMBINED WITH K-WIRE IN THE TREATMENT OF DISPLACED SUPRACONDYLAR FRACTURE OF HUMERUS IN CHILDREN

Xin TANG (CHINA)

5881 PROXIMAL ULNAR ROTATE OSTEOTOMY TO TREAT CHRONIC MONTEGGIA FRACTURE IN CHILDREN

Hai JIANG (CHINA)

5882 REPOSITION OF ANNULAR LIGAMENT IN MANAGEMENT OF MISSED MONTEGGIA FRACTURE

Xuemin LU (CHINA)

5883 TREATMENT OF NEGLECTED LATERAL CONDYLE FRACTURES OF HUMERUS IN CHILDREN

Yi XIE (CHINA)

5884 OPERATIVE TREATMENT OF THE FEMORAL HEAD AND NECK FRACTURES IN PAEDIATRIC PATIENTS

Dahui WANG (CHINA)

14:33 - 14:45

DISCUSSION

14:45 - 15:25

Moderator:

Yanzhou WANG (CHINA)

5885 A COMBINED SURGICAL TECHNIQUE FOR CONGENITAL PSEUDARTHROSIS OF THE TIBIA: MIDDLE-TERM RESULTS

Haibo MEI (CHINA)

- 5886 WHAT HAS CHANGED IN THE PARADIGM OF CLUBFOOT MANAGEMENT AFTER THE TEN-YEAR AWARENESS CAMPAIGN FOR EXPANDING PONSETI METHOD IN CHINA?**
Li ZHAO (CHINA)
- 5887 MORPHOLOGY OF FEMORAL HEAD AFTER SURGICAL CONTAINMENT TREATMENT OF PERTHES DISEASE**
Bochang CHEN (CHINA)
- 5888 SLIPPED CAPITAL FEMORAL EPIPHYSIS IN CHILDREN YOUNGER THAN 9 YEARS OLD**
Gang FU (CHINA)
- 9007 MODIFIED DUNN PROCEDURE FOR MODERATE AND SEVERE STABLE SCFE**
Wang CHOW (CHINA)

15:25 - 15:30 **DISCUSSION**

15:30 - 16:00 *Plenary Lecture – Jianguo Zhang (in Hall 1 Lingnan)*

SURGICAL TREATMENT OF SEVERE SPINAL KYPHOSCOLIOSIS IN CHINA
Jianguo ZHANG (CHINA)

16:00 - 18:16 *Free Papers – Paediatrics II (Chinese Programme)*

16:00 - 16:32 *Moderator:*
Fuyun LIU (CHINA)

- 5890 THE INCIDENCE OF CONGENITAL SCOLIOSIS IN INFANTS OF CHINESE POPULATION BASED ON CHEST-ABDOMEN X-RAY FILMS**
Fei WANG (CHINA)
- 5891 TREATMENT OF CONGENITAL SCOLIOSIS WITH INTRASPINE DEFORMITY**
Janhui HAN (CHINA)
- 5892 SURGICAL CORRECTION OF DESTROPHIC NEUROFIBROMATOSIS SCOLIOSIS**
Qiang JIE (CHINA)
- 5893 SERIES DEROTATED CAST TREATMENT FOR EARLY ONSET SCOLIOSIS**
Hongwen XU (CHINA)

16:32 - 16:40 **DISCUSSION**

16:40 - 17:20

Moderator:
Jianli ZHANG (CHINA)

- 9008 UNILATERAL HIP DISPLACEMENT IN A GMFCS-2 CP CHILD**
Jiaxian ZHANG (CHINA)
- 5895 FATE OF THE SOFT TISSUE OBSTACLES IN THE CLOSED REDUCTION OF DEVELOPMENTAL HIP DYSPLASIA: A SERIAL MRI STUDY**
Lianyong LI (CHINA)
- 4335 IS INTRAOPERATIVE ARTHROGRAM COVERAGE RATE AN ALTERNATIVE PREDICTOR FOR RESIDUAL HIP DYSPLASIA IN DDH CLOSED REDUCTION?**
Zhongli ZHANG (CHINA)
- 5896 MRI AND SURGICAL FINDINGS IN RESIDUAL HIP DYSPLASIA AFTER CLOSED REDUCTION OF DDH**
Zhe FU (CHINA)
- 5897 EVALUATION OF RESIDUAL HIP DYSPLASIA IN OLDER CHILDREN**
Dianzhong LUO (CHINA)

17:20 - 17:28

DISCUSSION

17:28 - 18:08

Moderator:
Shengping TANG (CHINA)

- 5898 LONG-TERM OUTCOME FOLLOWING MEDIAL OPEN REDUCTION IN DEVELOPMENTAL DYSPLASIA OF THE HIP: A RETROSPECTIVE COHORT STUDY**
Lin FENG (CHINA)
- 5899 TREATING DDH BY ONE-STAGE BILATERAL SALTER INNOMINATE OSTEOTOMY**
Xueyang TANG (CHINA)
- 5900 THE OVER 5 YEARS' RESULTS OF PEMBERTON ACETABULAR OSTEOTOMY IN PATIENTS WITH DEVELOPMENTAL DYSPLASIA OF THE HIPS**
Wanlin LIU (CHINA)
- 5901 OPEN REDUCTION AND PELVIC COMBINED WITH FEMORAL OSTEOTOMY IN THE TREATMENT OF DDH: A TEN-YEAR FOLLOW-UP STUDY**
Bingzuan LI (CHINA)
- 5902 TEN YEARS OF FOLLOW-UP STUDY OF ONE-STAGE SURGICAL REDUCTION AND COMBINED OSTEOTOMY FOR DDH**
Bo NING (CHINA)

18:08 - 18:16

DISCUSSION



Thursday, 17 September

Hall 10 Jieyang

08:30 - 10:00

Free Papers – Shoulder & Elbow I

Moderators:

Baoguo JIANG (CHINA), Srinath KAMINENI (UNITED STATES)

- 40048 MODIFIED WEAVER DUNN VERSUS RECONSTRUCTION USING SEMITENDINOSUS FOR CHRONIC ACROMIOCLAVICULAR DISLOCATION: A COMPARATIVE STUDY**
Amr RASHWAN, Alaa Eldin SOLIMAN, Hisham MISBAH, Mohamed ELGEBALLY (EGYPT)
- 39415 THE COMPARISON BETWEEN MIPPO AND MIPTENO IN ADULT MIDSHAFT CLAVICULAR FRACTURE**
Long CHEN, Hui CHEN, Majid NISAR, Hua CHEN, Jun PAN, Yongzeng FENG, Lei PENG, Qingyu CHEN, Jianjun HONG (CHINA)
- 41336 TRANSTENDON DOUBLE-ROW SUTURE BRIDGE TECHNIQUE FOR REPAIR OF THE GRADE III PARTIAL ARTICULAR SUPRASPINATUS TENDON AVULSION**
Zimin WANG, Xuan HUANG, Zhe LU (CHINA)
- 39699 THE TIME POINT IN SURGICAL EXCISION OF HETEROTOPIC OSSIFICATION OF POST-TRAUMATIC STIFF ELBOW: RECOMMENDATION FOR EARLY EXCISION FOLLOWED BY EARLY EXERCISE**
Shuai CHEN (CHINA)
- 39698 IS ROUTINE ULNAR NERVE TRANSPOSITION NECESSARY IN OPEN RELEASE OF STIFF ELBOWS? OUR EXPERIENCE AND A LITERATURE REVIEW**
Shuai CHEN (CHINA)
- 39683 ANATOMIC STUDY AND APPLICATION OF MODIFIED-MEDIAL APPROACH OF ELBOW JOINT IN TREATING CORONOID PROCESS FRACTURES**
Yunhui ZHANG, Yuqi DONG, Chao ZHANG, Tao HE, Gen LI (CHINA)
- 39964 A BIOMECHANICAL STUDY OF CORONOID PROCESS WITH MEDIAL COLLATERAL LIGAMENT INJURY AS POSTEROLATERAL ROTATORY INSTABILITY OF THE ELBOW**
Fuguo HUANG (CHINA)
- 41637 POSTERIOR INTEROSSEOUS NERVE LOCALISATION IN THE PROXIMAL FOREARM – A PATIENT NORMALISED PARAMETER**
Srinath KAMINENI¹, Christopher HAYES¹, Crystal NORGREN¹, Andrew AMIS², Andrew DEANE¹
¹(UNITED STATES), ²(UNITED KINGDOM)

10:00 - 10:30 **Break**

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

Moderators:

Jochen EULERT (GERMANY), Yipeng WANG (CHINA)

41192 IMPACT OF THE OSTEOPOROSIS PREVENTION AND SELF-MANAGEMENT COURSE ON KNOWLEDGE AND HEALTH BEHAVIOURS AGAINST OSTEOPOROSIS IN POSTMENOPAUSAL WOMEN: A COHORT STUDY IN SHENYANG, CHINA

Bing XIE (CHINA)

41514 DEVELOPMENT OF A NOVEL BONE-TARGETING DELIVERY SYSTEM CARRYING OSTEOPROMOTIVE PHYTOMOLECULE(S) FOR PREVENTION OF ESTROGEN DEPLETION INDUCED OSTEOPOROSIS

Le HUANG (HONG KONG, CHINA)

41111 FACTORS AFFECTING THE ACUTE PHASE RESPONSE OF ZOLEDRONIC ACID
Lipeng YU, Jian CHEN, Ning ZHANG, Guoyong YIN (CHINA)

41676 OSTEOCYTES ALTERATIONS AFFECT BONE MICROSTRUCTURE IN A SHEEP MODEL OF OSTEOPOROSIS

Markus ENGELHARDT, Thaqif EL KHASSAWNA, Wolfgang BOECKER, David WEISWEILER, Katrin LIPS, Christian HEIß (GERMANY)

41056 RISK FACTORS OF NEW SYMPTOMATIC VERTEBRAL COMPRESSION FRACTURES IN OSTEOPOROTIC PATIENTS WHO HAVE UNDERGONE PERCUTANEOUS VERTEBROPLASTY

Hailong REN, Jianming JIANG, Jianting CHEN, Jixing WANG (CHINA)

41488 INFLUENCE OF VERTEBRAL DEFORMATION ON THE VERTEBRAL PAIN SYNDROME

Vladyslav POVOROZNYUK, Tetiana ORLYK (UKRAINE)

41482 GENDER FEATURES OF VERTEBRAL PAIN SYNDROME DEPENDING ON BONE MINERAL DENSITY

Vladyslav POVOROZNYUK, Tetiana ORLYK (UKRAINE)

41870 TREATMENT FOR AGED PATIENTS WITH ACUTE OSTEOPOROTIC VERTEBRAL COMPRESSION FRACTURES: CONSERVATIVE TREATMENT OR PERCUTANEOUS VERTEBROPLASTY?

Xiaofeng LIAN (CHINA)

12:00 - 12:30 **Plenary Lecture – Vilmos Vecsei (in Hall 1 Lingnan)**

THE TIME IS RIPE! HOW THE NEGLECT OF PIONEERING IDEAS HAS IMPACTED PROGRESS IN TRAUMA CARE

Vilmos VECSEI (AUSTRIA)

12:30 - 13:30

Industry-Sponsored Symposium

13:30 - 14:00

Instructional Course – Shoulder & Elbow (Chinese Programme)

Moderators:

Chunyan JIANG, Baoguo JIANG (CHINA)

HOW TO AVOID COMPLICATIONS WITH THE REVERSE SHOULDER ARTHROPLASTY AND THE LEARNING CURVE

Marius SCARLAT (FRANCE)

THE CURRENT STATUS OF SHOULDER AND ELBOW SURGERY IN CHINA

Baoguo JIANG (CHINA)

14:00 - 15:25

Invited Lectures & Free Papers – Shoulder & Elbow I (Chinese Programme)

Moderators:

14:00 - 14:35

Baoguo JIANG, Aimin CHEN, Lei WANG (CHINA)

Invited Speaker

LONG-TERM FOLLOW-UP OF SHOULDER REPLACEMENT FOR THE TREATMENT OF PROXIMAL HUMERAL FRACTURES

Zhongguo FU (CHINA)

2883 COMPARISON OF DIFFERENT INTERNAL FIXATIONS FOR PROXIMAL HUMERAL FRACTURES

Kejian WU (CHINA)

1473 EARLY POSTOPERATIVE FUNCTIONAL REHABILITATION OF THE PROXIMAL HUMERAL FRACTURES

Zhaomin GONG (CHINA)

1770 TREATMENT OF ELDERLY COMPLICATED PROXIMAL HUMERAL FRACTURES WITH HEMIARTHROPLASTY OF SHOULDER

Fang LIU (CHINA)

2427 THE CLINICAL SIGNIFICANCES OF ISOLATED DOWNWARD SHIFT FRACTURE OF THE LARGE NODULES

Xiaoming WU (CHINA)

9009 USAGE RATE OF STRUCTURAL SCREWS IN THE TREATMENT OF PROXIMAL HUMERAL FRACTURES BY PHILOS PLATE

Tianbing WANG (CHINA)

14:35 - 14:45

Discussion Panelists:

Baoguo JIANG, Aimin CHEN, Lei WANG (CHINA)

14:45 - 15:15

Moderators:

Kanglai TANG, Qingyun XUE, Baoqing YU (CHINA)

Invited Speaker

APPLICATION OF ARTIFICIAL ELBOW REPLACEMENT IN THE TREATMENT OF DISTAL HUMERUS FRACTURE

Dianying ZHANG (CHINA)

4224 THE CLINICAL OUTCOMES OF TOTAL ELBOW ARTHROPLASTY FOR THE TREATMENT OF SEVERE ELBOW ARTHRITIS

Jianlin ZUO (CHINA)

3450 B-TYPE DOPPLER SONOGRAPHY AND MECHANICAL STRESS TEST IN THE DIAGNOSIS OF INSTABILITY AFTER ELBOW DISLOCATION

Ye ZHANG (CHINA)

3427 CLINICAL OUTCOMES OF OLECRANON OSTEOTOMY APPROACH AND TRICEPS TONGUE-SHAPED FLAP APPROACH IN THE TREATMENT OF HUMERAL INTERCONDYLAR FRACTURE

Yanhui ZHANG (CHINA)

2416 EFFECT OF EARLY REHABILITATION NURSING AND FUNCTIONAL TRAINING PERFORMED ON POSTOPERATIVE FUNCTIONAL RECOVERY OF ELBOW JOINT FRACTURE

Jia HE (CHINA)

15:15 - 15:25

Discussion Panelists:

Xianzheng LUO, Kanglai TANG, Qingyun XUE, Baoqing YU (CHINA)

15:30 - 16:00

Plenary Lecture – Jianguo Zhang (in Hall 1 Lingnan)

SURGICAL TREATMENT OF SEVERE SPINAL KYPHOSCOLIOSIS IN CHINA

Jianguo ZHANG (CHINA)

16:00 - 18:35

Invited Lectures & Free Papers – Shoulder & Elbow II (Chinese Programme)

16:00 - 16:25

Moderators:

Xieyuan JIANG, Jinzhong ZHAO, Ming XIANG (CHINA)

Invited Speaker

DEVELOPMENTS IN TREATMENT OF SHOULDER INSTABILITY

Guoqing CUI (CHINA)

4449 COMPARATIVE ANALYSIS OF THE TREATMENT OF PRIMARY AND RECURRENT ANTERIOR DISLOCATION OF SHOULDER JOINT UNDER ARTHROSCOPY

Rui YANG (CHINA)

4038 ARTHROSCOPIC REVISION OF BANKART INJURY COMBINED WITH REMPLISSAGE TECHNIQUE IN THE TREATMENT OF ANTERIOR SHOULDER INSTABILITY

Hong CHEN (CHINA)

3655 ARTHROSCOPIC NON SCREW FIXATION LATARJET PROCEDURE: ONE-YEAR FOLLOW-UP

Xu CHENG (CHINA)

16:25 - 16:35

Discussion Panelists:

Xieyuan JIANG, Jinzhong ZHAO, Ming XIANG (CHINA)

16:35 - 17:05

Moderators:

Guoqing CUI, Zhongguo FU, Lei ZHANG (CHINA)

Invited Speaker

RESEARCH PROGRESS IN TREATMENT OF ROTATOR CUFF INJURIES

Chunyan JIANG (CHINA)

2495 ARTHROSCOPIC ROTATOR CUFF REPAIR IN THE TREATMENT OF ROTATOR CUFF INJURY

Wei LIN (CHINA)

4476 ROTATOR CUFF REPAIR FOR AGED ROTATOR CUFF INJURIES

Fanxiao LIU (CHINA)

1159 ARTHROSCOPIC DIAGNOSIS AND TREATMENT OF SUBSCAPULARIS TENDON TEAR

Jianchao GUI (CHINA)

3424 THE CLINICAL PATHOLOGICAL STUDY OF GREAT ROTATOR CUFF TEAR INJURIES

Hao LUO (CHINA)

17:05 - 17:15

Discussion Panelists:

Guoqing CUI, Zhongguo FU, Lei ZHANG (CHINA)

17:15 - 17:45

Moderators:

Xiaoshan GUO, Fuguo HUANG, Qiugen WANG (CHINA)

Invited Speaker

ARTHROLYSIS OF ELBOW JOINT STIFFNESS

Xieyuan JIANG (CHINA)

4466 MULTIPLE LINEAR REGRESSION ANALYSIS ON INFLUENCING FACTORS OF THE STIFFNESS OF ELBOW JOINT AFTER TRAUMA

Qi GUO (CHINA)

491 TRICEPS TENOPLASTY-ASSISTED ARTHROLYSIS IN THE TREATMENT OF POST-TRAUMATIC ELBOW STIFFNESS

Shiyang YU (CHINA)

4274 OUTCOMES OF DOUBLE INCISION FOR THE TREATMENT OF CUBITUS VARUS AND POSTEROMEDIAL ROTATORY INSTABILITY OF ELBOW JOINT

Biyu RUI (CHINA)

2371 THE SURGICAL TREATMENT AND OUTCOMES OF POSTEROLATERAL ROTATORY INSTABILITY OF ELBOW JOINT

Kainan LI (CHINA)

17:45 - 17:55 *Discussion Panelists:*
Xiaoshan GUO, Fuguo HUANG, Qiugen WANG (CHINA)

17:55 - 18:25 *Moderators:*
Shiyi CHEN, Peng LIN, Dianying ZHANG (CHINA)

Invited Speaker **RESEARCH PROGRESS IN THE TREATMENT OF THE ACROMIOCLAVICULAR INJURY AND DISTAL CLAVICULAR FRACTURE**
Lei WANG (CHINA)

9010 ENDOBUTTON PLATE FIXATION FOR THE TREATMENT OF DISTAL CLAVICULAR FRACTURE UNDER ARTHROSCOPY
Jianhai CHEN (CHINA)

1531 TENDON RECONSTRUCTION FOR THE TREATMENT OF ACUTE ACROMIOCLAVICULAR JOINT DISLOCATION UNDER ARTHROSCOPY
Hang CHEN (CHINA)

926 THE FAILURE OF PLATE ENDOBUTTON FIXATION IN THE TREATMENT OF DISLOCATION OF ACROMIOCLAVICULAR JOINT: CAUSE ANALYSIS
Weigang LOU (CHINA)

1217 COMPARISON OF CLAVICULAR HOOK PLATE AND ENDOBUTTON PLATE IN THE TREATMENT OF TYPE III TO V ROCKWOOD DISLOCATION OF ACROMIOCLAVICULAR JOINT
Jian WANG (CHINA)

18:25 - 18:35 *Discussion Panelists:*
Shiyi CHEN, Peng LIN, Dianying ZHANG (CHINA)



Thursday, 17 September

Hall 11 Maoming

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

Moderators:
Varun GUPTA (INDIA), Wenwen WU (CHINA)

39877 OCCIPITAL CONDYLE FRACTURES IN ADOLESCENTS
Ryszard TOMASZEWSKI, Wiktor LUKASZ (POLAND)

- 41900 ANTERIOR CERVICAL DECOMPRESSION, FUSION AND STABILISATION BY CERVICAL PLATE & SCREW FOR TRAUMATIC LOWER CERVICAL SPINAL INJURY – A SERIES OF 62 PATIENTS**
Jonayed SHARIF AHMED, Alam M. SHAH, Karim M. REZAUL, M. Munir HASAN KHALID, Chakraborty SHUBHENDU, Alam TASHFIQUE (BANGLADESH)
- 39103 SHORT SEGMENT PEDICLE SCREW FIXATION FOR THORACOLUMBAR SPINE FRACTURES WITH INTER TRANSVERSE FUSION**
Varun GUPTA, Swapnil GADGE, Pradeep K. SINGH (INDIA)
- 42355 TREATMENT OF THORACOLUMBAR BURST FRACTURES WITH NEUROLOGICAL DEFICIT: A MODIFIED SUBTOTAL CORPECTOMY FOR SINGLE-SEGMENT TITANIUM MESH FUSION AND INTERNAL FIXATION THROUGH POSTERIOR APPROACH**
Aiqiang XU (CHINA)
- 40523 PROSPECTIVE RANDOMISED CONTROLLED TRIAL COMPARING THE OUTCOMES OF PEDICLE SCREW FIXATION WITH OR WITHOUT BONE GRAFT IN THE MANAGEMENT OF THORACOLUMBAR BURST FRACTURES**
Aaradhana Jivendra JHA¹, Abhijeet KUNWAR², Bikram Prasad SHRESTHA¹, Pashupati CHAUDHARY¹, Rajiv MAHARJAN¹
¹(NEPAL), ²(INDIA)
- 41072 NEGLECTED THORACOLUMBAR TRAUMATIC SPINE INJURIES: A RETROSPECTIVE STUDY OF FORTY PATIENTS AT JPNATC, AIIMS, NEW DELHI, A LEVEL ONE TRAUMA CENTRE**
Kamran FAROOQUE, Vijay SHARMA, Babita GUPTA (INDIA)
- 40655 LATE DECOMPRESSION OF TRAUMATIC CAUDA EQUINE SYNDROME: IS IT EFFECTIVE?**
Mohammad ZAREI, Babak MIRZASHAHI, S.M. Javad MORTAZAVI (IRAN)
- 40946 SURGICAL TREATMENT OF TRAUMATIC SACRAL FRACTURE**
Babak MIRZASHAHI, Mohamad ZAREI, S.M. Javad MORTAZAVI (IRAN)
- 40409 EFFECT OF GANGLIOSIDE (GM1) ADMINISTRATION IN SPINAL CORD INJURY**
Tarcisio BARROS, Ciro SILVA, Reginaldo OLIVEIRA, Alexandre CRISTANTE, Raphael MARCON (BRAZIL)

10:00 - 10:30 **Break**

10:30 - 12:00 **Free Papers – Spine: Infection**

Moderators:

Luis LOPEZ-DURAN STERN (SPAIN), Ji WU (CHINA)

- 40302 OUTCOMES OF POSTERIOR ONLY KYPHOSIS CORRECTION IN ACUTE TUBERCULAR SPONDYLODISCITIS**
Bhaskara Kanakeshwar RAJA, S. RAJASEKARAN, Shetty AJAY (INDIA)
- 40480 OUTCOME ANALYSIS OF MANAGEMENT OF TUBERCULAR SPINE TREATED WITH ANTERIOR DECOMPRESSION WITH VARIOUS AUTOLOGOUS BONE GRAFTS WITHOUT INSTRUMENTATION**
Hemant BANSAL, Saurabh SINGH, Samrat Smrutiranjana SAHOO, Kumar PRITESH (INDIA)
- 40460 OUTCOME ANALYSIS OF TREATMENT OF JUNCTIONAL AREA TUBERCULOSIS**
Hemant BANSAL, Saurabh SINGH, Samrat Smrutiranjana SAHOO, Kumar PRITESH, Vivek SRIVASTAVA (INDIA)
- 41183 COMPARISON OF OUTCOMES OF 9 MONTHS ANTITUBERCULAR CHEMOTHERAPY REGIMEN WITH 12 MONTHS ANTITUBERCULAR CHEMOTHERAPY REGIMEN IN UNCOMPLICATED POTT'S SPINE**
Himanshu VIJAY, M.L. BANSAL, Bibhudendu MOHAPATRA (INDIA)
- 41926 FUNCTIONAL OUTCOME OF CAGE FIXATION IN SPINAL TUBERCULOSIS PATIENTS**
Irfan MEHBOOB, Muhammad Abdul BASIT, Zubair KARIM (PAKISTAN)
- 41306 FACTORS AFFECTING THE QUALITY OF LIFE OF POTT'S PATIENTS**
Jewel SADIANG-ABAY (PHILIPPINES)
- 41623 IMPLANT INFECTIONS: COMPARISON BETWEEN THE USE OF STAINLESS STEEL AND TITANIUM SPINAL IMPLANTS**
Fred Matthew Toboso OTSYENO, Peter Gichuru MWANGI (KENYA)
- 40529 HEMATOCRIT MAY BE AN INDICATOR OF SURGICAL SITE INFECTION RISK IN CHILDREN WITH CEREBRAL PALSY**
Joshua HYMAN, Eric BARANEK, Hiroko MATSUMOTO, Benjamin ROYE, David ROYE, Michael VITALE (UNITED STATES)
- 40295 ONE-STAGE DEBRIDEMENT, AUTOGRAFT AND INTERNAL FIXATION COMBINED WITH LONG COURSES OF ANTIBIOTICS FOR GRAM-NEGATIVE BACTERIAL SPONDYLITIS OF THE THORACIC AND LUMBAR VERTEBRAE**
Xiangyang LIU (CHINA)

12:00 - 12:30

Plenary Lecture – Vilmos Vecsei (in Hall 1 Lingnan)

THE TIME IS RIPE! HOW THE NEGLECT OF PIONEERING IDEAS HAS IMPACTED PROGRESS IN TRAUMA CARE
Vilmos VECSEI (AUSTRIA)

12:30 - 13:30

Industry-Sponsored Symposium

13:30 - 14:00

Instructional Course – Tumours: Orthopaedic Oncology (Chinese Programme)

Moderators:

Wei GUO, Xiuchun YU, Sujia WU (CHINA)

SURGICAL TREATMENT OF ACETABULAR METASTASES: SCRAPE OFF? OR EN BLOC?

Wei GUO (CHINA)

APPLICATION OF NAVIGATION IN SURGICAL TREATMENT OF SKELETAL TUMOUR

Xiaohui NIU (CHINA)

14:00 - 15:25

Free Papers – Tumours: Orthopaedic Oncology I (Chinese Programme)

14:00 - 14:35

Moderators:

Xiaohui NIU, Xiaodong TANG, Wenzhi BI (CHINA)

4586 GOOD LOCAL CONTROL IS ESSENTIAL IN THE TREATMENT OF NON-METASTATIC PELVIC OSTEOSARCOMA: ONCOLOGICAL RESULTS OF 68 PELVIC OSTEOSARCOMA TREATED WITH CHEMOTHERAPY AND SURGICAL RESECTION IN PEKING UNIVERSITY PEOPLE'S HOSPITAL
Wei GUO (CHINA)

4603 APPLICATION OF MICROWAVE ABLATION IN THE TREATMENT OF BONE TUMOUR IN THE PELVIC RING REGION
Minghua ZHANG (CHINA)

3741 ACCURATE EN BLOC RESECTION OF ACETABULAR TUMOUR AND NEW INDIVIDUALISED RECONSTRUCTION
Zheng GUO (CHINA)

3339 RESECTION AND RECONSTRUCTION OF LUMBOSACRAL TUMOUR
Jianmin LI (CHINA)

3104 SURGICAL MANAGEMENT AND RECONSTRUCTION OF PELVIC TUMOURS LOCATED IN AREA II
Qiang WU (CHINA)

3578 CLINICAL OUTCOMES OF POSTERIOR SURGICAL RESECTION FOR THE TREATMENT OF SACRAL NEUROGENIC TUMOURS
Kangwu CHEN (CHINA)

2398 HEMIPELVIC RESECTION PSEUDOARTHROSIS FOR SURGICAL TREATMENT OF PELVIC MALIGNANT TUMOUR
Chen HUANG (CHINA)

14:35 - 14:45

Discussion Panelists:

Zhaoming YE, Zheng GUO, Qing ZHANG, Zhiping YANG, Zhi LV (CHINA)

14:45 - 15:15

Moderators:

Jingnan SHEN, Jianmin LI, Zhen WANG (CHINA)

2658 COMPUTER NAVIGATION-GUIDED PERCUTANEOUS RADIOFREQUENCY ABLATION OF OSTEIOD OSTEOMAS: 35-CASE REPORT

Feng YU (CHINA)

2331 APPLICATION OF PERCUTANEOUS RADIOFREQUENCY ABLATION COMBINED WITH CEMENT PERFUSION AUGMENTATION IN THE TREATMENT OF BONE METASTASES

Zixiong LEI (CHINA)

1917 THE TREATMENT STRATEGY FOR ASTRAGALAR LESIONS

Yinbin SHI (CHINA)

3716 MINIMALLY INVASIVE SURGERY FOR THE TREATMENT OF BENIGN BONE TUMOURS OF ADULT FEMORAL HEAD AND NECK

Cheng LI (CHINA)

3169 THE APPLICATION OF MONO-LATERAL EXTERNAL FIXATOR COMBINED WITH BONE TRANSPORT IN THE TREATMENT OF DISTAL TIBIAL MALIGNANT TUMOUR

Xianan LI (CHINA)

2794 COMPUTER-ASSISTED PERSONALISED RESECTION OF FEMORAL TROCHANTERIC TUMOUR OR TUMOUR-LIKE LESIONS AND HIP RECONSTRUCTION

Huanwen DING (CHINA)

15:15 - 15:25

Discussion Panelists:

Lin CAI, Zhengdong CAI, Yang DONG, Zengwu SHAO (CHINA)

15:30 - 16:00

Plenary Lecture – Jianguo Zhang (in Hall 1 Lingnan)

SURGICAL TREATMENT OF SEVERE SPINAL KYPHOSCOLIOSIS IN CHINA

Jianguo ZHANG (CHINA)

16:00 - 18:40

Free Papers – Tumours: Orthopaedic Oncology II (Chinese Programme)

16:00 - 17:05

Moderators:

Weibin ZHANG, Lin HAO, Huimin TAO (CHINA)

3887 POSTOPERATIVE COMPLICATIONS AND ITS PREVENTION AFTER BONE TUMOUR PROSTHESIS RECONSTRUCTION

Maolin HE (CHINA)

777 RECONSTRUCTION SELECTION BASED ON THE TUMOUR LOCATION IN THE TREATMENT OF DISTAL FEMORAL OSTEOSARCOMA: FUNCTION OF LIMB AND QUALITY OF LIFE

Songfeng XU (CHINA)

- 4579 THE LONG-TERM FOLLOW-UP OF UNICONDYLAR OSTEOARTICULAR ALLOGRAFT IN THE TREATMENT OF BONE TUMOURS AROUND KNEE JOINT**
Qiang YANG (CHINA)
- 3557 APPLICATION OF 3D PRINTING IN TUMOUR PROSTHETIC REVISION**
Yongqiang HAO (CHINA)
- 1097 TOTAL KNEE RESECTION IN THE TREATMENT OF MALIGNANT BONE TUMOUR AROUND THE KNEE JOINT**
Bo CHEN (CHINA)
- 3679 EFFECTIVENESS EVALUATION OF PROSTHETIC REVISION FOR ASEPTIC LOOSENING IN ONCOLOGY PROSTHESIS**
Jin WANG (CHINA)
- 2496 CLINICAL EFFECT OF SHOULDER JOINT RECONSTRUCTION WITH ENDOPROSTHESES FOLLOWING PROXIMAL HUMERUS TUMOURS RESECTION**
Murong YOU (CHINA)
- 2304 SELECTION AND OUTCOME OF RECONSTRUCTION POST MALIGNANT HUMERAL BONE TUMOURS RESECTION**
Qingcheng YANG (CHINA)
- 3816 ALLOGENIC OSTEOARTICULAR ALLOGRAFT COMBINED WITH PLATE IMPLANTATION FOR THE TREATMENT OF GIANT CELL TUMOUR OF THE DISTAL RADIUS**
Hong DUAN (CHINA)
- 4117 SELECTION AND OUTCOME OF SURGICAL TREATMENT OF HUGE DESMOID TYPE FIBROMATOSIS OF SHOULDER**
Fan TANG (CHINA)
- 2521 REVERSE SHOULDER REPLACEMENT FOR TREATMENT OF PROXIMAL HUMERAL TUMOURS**
Nong LIN (CHINA)
- 3621 ARTIFICIAL WRIST REPLACEMENT FOR THE TREATMENT OF GIANT CELL TUMOUR OF DISTAL RADIUS**
Zengwu SHAO (CHINA)
- 2794 APPLICATION OF SUV OF PET/CT IN THE DIAGNOSIS OF PRIMARY MALIGNANT TUMOUR**
Huachao SHAN (CHINA)

Discussion Panelists:

17:05 - 17:15 Jianhua LIN, Zongsheng YIN, Yong LIU, Guowen WANG (CHINA)

Moderators:

17:15 - 17:50 Jianru XIAO, Jian DONG, Haomiao LI (CHINA)

- 154 SURGICAL TREATMENT AND SURVIVAL ANALYSIS OF DIFFERENTIATED THYROID CANCER SPINAL METASTASIS: 21-CASE REPORT**
Hanqiang OUYANG (CHINA)
- 4916 SURGICAL TREATMENT AND PROGNOSIS OF TREATMENT OF SPINAL CHONDROSARCOMA**
Jianru XIAO (CHINA)
- 3165 RENAISSANCE-TM ROBOT SYSTEM IN THE DIAGNOSIS AND TREATMENT OF THORACOLUMBAR TUMOURS**
Xiangdong LI (CHINA)
- 4910 THE SAFE COMPARISON OF EN BLOC SPONDYLECTOMY FOR SINGLE AND MULTI-SEGMENT THORACOLUMBAR SPINAL MALIGNANT TUMOURS VIA POSTERIOR APPROACH**
Dong JIAN (CHINA)
- 4850 CAUSE ANALYSIS AND SURGICAL TREATMENT OF RECURRENT SPINAL TUMOURS**
Songhua XIAO (CHINA)
- 2736 SECOND SURGERY FOR POSTOPERATIVE RECURRENCE OF PRIMARY THORACIC MALIGNANT TUMOUR**
Haomiao LI (CHINA)
- 3238 TREATMENT OF SPINAL METASTASES BY RADIOFREQUENCY ABLATION**
Xiaodong TANG (CHINA)
- 17:50 - 18:00 Discussion Panelists:*
Tongwei CHU, Jin WANG, Yong ZHOU, Jiazhen LI, Chunlin ZHANG (CHINA)
- 18:00 - 18:30 Moderators:*
Zhongqi TU, Gang HUANG, Qing ZHANG (CHINA)
- 2186 DENOSUMAB: NEW BREAKTHROUGH IN TREATMENTS FOR GIANT-CELL TUMOUR OF BONE**
Yi YANG (CHINA)
- 2557 FREE VASCULARISED TWO FIBULAE TRANSPLANTATION IN THE TREATMENT OF PROXIMAL TIBIAL GIANT CELL TUMOUR**
Guangming ZHANG (CHINA)
- 3923 SURGICAL TREATMENT AND SELECTION OF ARTICULAR GIANT CELL TUMOUR OF LIMBS**
Tongtong ZHU (CHINA)
- 3484 TREATMENT OF RECURRENT GIANT CELL TUMOUR OF LIMBS**
Jin XIONG (CHINA)
- 928 SURGICAL TREATMENT OF BONE AND SOFT-TISSUE TUMOURS ADJUVANT WITH CRYO-HIT**
Guofen CHEN (CHINA)

1155 CLINICAL FEATURES OF MALIGNANT TRITON TUMOUR

Yong LIU (CHINA)

18:30 - 18:40

Discussion Panelists:

Yongcheng HU, Yu ZHANG, Qiqing CAI (CHINA)



Thursday, 17 September

Hall 12 Shenzhen

08:30 - 10:00

CAOS (International Society for Computer Assisted Orthopaedic Surgery) Symposium I

Moderators:

Kamal DEEP (UNITED KINGDOM), Andrea FERRETTI (ITALY)

USE OF CAOS TECHNOLOGY IN SPINAL SURGERY

Wei TIAN (CHINA)

A ROBOT-ASSISTED SURGICAL SYSTEM USING A FORCE-IMAGE CONTROL METHOD FOR PEDICLE SCREW INSERTION

Xiaoguang HAN, Wei TIAN (CHINA)

ROBOTICS AND TKR

E.K. SONG (SOUTH KOREA)

ACCURACY AND CONVENIENCE OF A NEW HANDHELD SURGICAL NAVIGATION SYSTEM FOR TKA – A 40-CASE STUDY

André FERREIRA (FRANCE)

PINLESS NAVIGATION HELPING CUP POSITION IN THR

Rob THORNBERRY (UNITED STATES)

PINLESS NAVIGATION IN KNEE ARTHROPLASTY

Ajeya ADHIKARI (UNITED KINGDOM)

LONG-TERM PATIENT REPORTED OUTCOMES FOR TOTAL KNEE ARTHROPLASTY COMPARING COMPUTER NAVIGATION VERSUS STANDARD INSTRUMENTATION

Douglas MATTHEWS, Yogeesh KAMAT, Ajeya ADHIKARI (UNITED KINGDOM)

HOW CAN CAS IMPROVE OUTCOMES AND SURGICAL SKILLS IN TKR SURGERY?

Fabio CONTEDEUCA (ITALY)

10:00 - 10:30 **Break**

10:30 - 12:00

CAOS (International Society for Computer Assisted Orthopaedic Surgery) Symposium II

Moderators:

Ajeya ADHIKARI (UNITED KINGDOM), E.K. SONG (SOUTH KOREA)

USE OF 3D PRINTING TECHNOLOGIES ON PRE-OP AND INTRA-OP MANAGEMENT IN ORTHOPAEDICS

Kwok S. LEUNG (HONG KONG, CHINA)

ANTERIOR CRUCIATE DEFICIENT KNEES: IS ACL RECONSTRUCTION SUFFICIENT FOR ALL CASES OR ANTEROLATERAL LIGAMENT NEEDS TO BE ADDED? – CAOS CAN HELP IN DECISION-MAKING

Andrea FERRETTI (ITALY)

PARTIAL KNEE REPLACEMENTS AND COMPUTERS

Norberto CONFALONIERI (ITALY)

MAKING A GOOD SURGERY BETTER: THE NEXT STEP IN THR – COMPUTER ASSISTED SURGERY

Kamal DEEP (UNITED KINGDOM)

NAVIGATED TOTAL KNEE REPLACEMENT IN PATIENTS WITH POST-TRAUMATIC EXTREMITY DEFORMITY AND ARTHRITIS

Valeriy MURYLEV, Gennadiy KAVALERSKIY, Yaroslav RUKIN, Alexey MUZYCHENCOV (RUSSIA)

ROUND TABLE DISCUSSION: A TO Z – BEGINNER'S GUIDE

12:00 - 12:30

Plenary Lecture – Vilmos Vecsei (in Hall 1 Lingnan)

THE TIME IS RIPE! HOW THE NEGLECT OF PIONEERING IDEAS HAS IMPACTED PROGRESS IN TRAUMA CARE

Vilmos VECSEI (AUSTRIA)

12:30 - 14:00

Industry-Sponsored Symposium

14:00 - 15:30

Free Papers – Information Technology

Moderators:

Zhaopeng CAI (CHINA), Sandeep SHRIVASTAVA (INDIA)

41518 DOES NAVIGATION PREDICT RANGE OF MOTION?

Victor HERNANDEZ, Fabio OROZCO, Zachary POST, Alvin ONG (UNITED STATES)

- 41899 CONVENTIONAL INSTRUMENTATION IN TKA EASY TO CAUSE FEMORAL COMPONENT CORONAL ALIGNMENT DEVIATION**
Peihui WU, Zhiqi ZHANG, Ziji ZHANG, Zibo YANG, Weiming LIAO, Ming FU (CHINA)
- 40088 DIGITAL VIRTUAL TECHNIQUE IN DETERMINING THE OPTIMAL SACROILIAC SCREW CHANNEL**
Peiyong TAN, Zhou XIANG (CHINA)
- 41436 PRELIMINARY APPLICATION OF PERCUTANEOUS GUIDE TEMPLATE IN DRILLING DECOMPRESSION OF OSTEONECROSIS OF THE FEMORAL HEAD**
Kun LIU, Qiang ZHANG (CHINA)
- 41051 BELIEFS AND ATTITUDES ABOUT THE USE OF 3D PRINTING TECHNOLOGY IN ORTHOPAEDICS AMONG 198 SURGEONS IN CHINA**
Nanfang XU, Dongning HUANG, Hong CAI, Feng WEI, Yingxia WU, Zhongjun LIU (CHINA)
- 40954 ROBOTIC ORTHOPAEDICS: SCIENCE FICTION OR REALITY?**
Christopher O'DOWD-BOOTH, Mohammed AL-TALIB (UNITED KINGDOM)
- 41240 AN INNOVATIVE EMERGENCY RESPONSE SYSTEM: SME'S ("CTRL ALT E" FOR EMERGENCY) AND "PRE-YELL" A SAFETY ANDROID APPLICATION**
Sandeep SHRIVASTAVA, Manish INGLE (INDIA)

15:30 - 16:00 *Plenary Lecture – Jianguo Zhang (in Hall 1 Lingnan)*

SURGICAL TREATMENT OF SEVERE SPINAL KYPHOSCOLIOSIS IN CHINA
Jianguo ZHANG (CHINA)

16:00 - 16:30 *Break*

16:30 - 18:00 *Free Papers – Trauma: Tibia & Distal*

Moderators:

Peter BIBERTHALER (GERMANY), Yingze ZHANG (CHINA)

- 40380 COMPARISON ON IMAGE MORPHOLOGY OF POSTERIOR PILON FRACTURE FRAGMENT AND POSTERIOR ANKLE FRACTURE FRAGMENTS**
Dan JIN, Shijuan XIE (CHINA)
- 40054 THE MODIFIED CLASSIFICATION FOR PILON FRACTURE BASED ON INJURY MECHANISM**
Shijun WEI, Xianhua CAI (CHINA)
- 41925 ANTEROLATERAL PLATING: DISTAL TIBIA FRACTURES**
Gaurav SANJAY, Thomas MATHEW (INDIA)

- 39612 MODIFIED POSTEROMEDIAL APPROACH TO POSTERIOR PILON FRACTURES: A TECHNIQUE FOR MINIMISING INTRAOPERATIVE COMPLICATIONS**
Jianwei WANG, Yukai WANG (CHINA)
- 40068 COMPARISON OF ETN NAILING AND PLATING IN TREATMENT OF DISTAL METADIAPHYSEAL TIBIAL FRACTURES: A RETROSPECTIVE STUDY OF MATCHED PAIRS OF PATIENTS**
Lei LIU (CHINA)
- 41822 COMBINED ANTERIOR AND POSTERIOR APPROACH FOR THE TREATMENT OF THREE-COLUMN PILON FRACTURES**
Liangyu ZHAO, Depeng MENG, Huihao CHEN, Di SHEN (CHINA)
- 41145 DIGITAL DESIGN FOR FIXATION IMPLANT BY CT IMAGE IN POSTERIOR PART OF THE DISTAL TIBIA**
Ming XIE (CHINA)
- 41298 RETROSPECTIVE COMPARATIVE ANALYSIS OF SURGICAL MANAGEMENT OF TIBIAL PILON FRACTURES**
Naresh PANIGRAHI, Dibya DAS, Satya S. PATRA (INDIA)
- 41543 MINIMISING COMPLICATIONS IN HIGH-ENERGY PILON FRACTURES – AN EVIDENCE BASED TREATMENT ALGORITHM**
Satya Ranjan PATRA (INDIA)
- 42371 EXTERNAL FIXATION COMBINED WITH LIMITED INTERNAL FIXATION VERSUS OPEN REDUCTION INTERNAL FIXATION FOR TREATING RUEDI-ALLGOWER TYPE III PILON FRACTURES**
Yongzhi GUO (CHINA)



Thursday, 17 September

Hall 13 Shantou

08:30 - 10:00

Symposium – Hand: Surgical Treatment of Fractures of the Distal Radius

Moderators:

Khaled EMARA (EGYPT), Frédéric SCHUIND (BELGIUM)

CLASSIFICATION OF DISTAL RADIUS FRACTURES

Roman PFEIFER (GERMANY)

TREATMENT OF COMMINUTED FRACTURES OF DISTAL RADIUS BY LIGAMENTOTAXIS WITH EXTERNAL FIXATORS

Tomas TRC (CZECH REPUBLIC)

SURGICAL TREATMENT OF FRACTURES OF THE DISTAL RADIUS

Khaled EMARA (EGYPT)

LONG-TERM OUTCOME OF COMMINUTED FRACTURES OF THE DISTAL RADIUS

Luis LOPEZ-DURAN STERN (SPAIN)

CARPAL INJURIES (FRACTURES, LIGAMENTOUS INJURIES, DISLOCATIONS)

Margaret FOK (HONG KONG, CHINA)

HAND FRACTURES AND DISLOCATIONS

Josephine Wing Yuk IP (HONG KONG, CHINA)

COMPLICATIONS OF HAND INJURIES

Frédéric SCHUIND (BELGIUM)

DISCUSSION

10:00 - 10:30 *Break*

10:30 - 12:00

Symposium – Hand: Tendon Transfers for Post-Traumatic Peripheral Nerve Lesions

Moderators:

Marko BUMBASIREVIC (SERBIA), Frédéric SCHUIND (BELGIUM)

INTRODUCTION

INDICATIONS AND GENERAL PRINCIPLES OF TENDON TRANSFERS

Amr Moustafa ALY (EGYPT)

PALLIATIVE SURGERY FOR C5C6(C7) BRACHIAL PLEXUS LESIONS

Frédéric SCHUIND (BELGIUM)

NERVE RECONSTRUCTION FOR TOTAL BRACHIAL PLEXUS LESIONS

Margaret FOK (HONG KONG, CHINA)

RADIAL AND POSTERIOR INTEROSSEOUS NERVE LESIONS

Marko BUMBASIREVIC (SERBIA)

INTRINSIC HAND PALSIES

Josephine Wing Yuk IP (HONG KONG, CHINA)

DISCUSSION AND CASE PRESENTATIONS

12:00 - 12:30

Plenary Lecture – Vilmos Vecsei (in Hall 1 Lingnan)

THE TIME IS RIPE! HOW THE NEGLECT OF PIONEERING IDEAS HAS IMPACTED PROGRESS IN TRAUMA CARE

Vilmos VECSEI (AUSTRIA)

12:30 - 13:30

Industry-Sponsored Symposium

13:30 - 14:00

Break

14:00 - 15:30

Symposium – Microsurgery - Usage of Microsurgery for Solving Challenging Cases in Orthopaedic Surgery & Traumatology

Moderator:

Marko BUMBASIREVIC (SERBIA)

INTRODUCTION

Marko BUMBASIREVIC (SERBIA)

RECONSTRUCTION OF THE UPPER LIMB BY FUNCTIONAL MUSCLE TRANSFER

Liqiang GU (CHINA)

MANAGEMENT OF LARGE DIAPHYSEAL SKELETAL DEFECTS BY VASCULARISED FIBULAR TRANSFER: A SERIES OF 15 CASES WITH A MINIMUM 12 MONTHS' FOLLOW-UP

Frédéric SCHUIND (BELGIUM)

USAGE OF MICROSURGERY FOR SALVAGE OF MANGLED UPPER LIMB

Qingtang ZHU (CHINA)

COMPLEX LOWER LIMB INJURIES

Ahmad ADDOSOOKI (EGYPT)

15:30 - 16:00

Plenary Lecture – Jianguo Zhang (in Hall 1 Lingnan)

SURGICAL TREATMENT OF SEVERE SPINAL KYPHOSCOLIOSIS IN CHINA

Jianguo ZHANG (CHINA)

16:00 - 16:30

Break

16:30 - 18:00

Free Papers – Hand I

Moderators:

Margaret FOK (HONG KONG, CHINA), Liqiang GU (CHINA)

41662 EXTRASKELETAL CHONDROMA CAUSING ULNAR NEUROPATHY

Aparna VISWANATH, Jonathan JONES (UNITED KINGDOM)

40503 REPAIR OF CHRONIC Mallet Finger Using Transosseous Tendon Graft: A New Technique

Ahmad ADDOSOOKI, Elsayed SAID (EGYPT)

- 39876 WRIST AND HAND SECONDARY SURGERY FOLLOWING HIGH-VOLTAGE ELECTRIC BURNS**
Islam TOLBA, Karim LARDJANE, Abdelfattah GUERGUADJ, Ahmed Fawzi NEDJAH (ALGERIA)
- 40979 TANGENTIAL VIEW AND INTRAOPERATIVE 3D-FLUOROSCOPY FOR THE DETECTION OF SCREW MISPLACEMENTS IN VOLAR PLATING OF DISTAL RADIUS FRACTURES**
Isabel GRAUL, Ivan MARINTSCHEV, Hofmann GUNTER, Sascha RAUSCH, Mark Florian GRAS (GERMANY)
- 41932 RESULTS OF TREATMENT OF THUMB CARPOMETACARPAL OA BY OCCUPATIONAL HAND THERAPY**
Mansoor JAFRI, Bashir JUWAIED, Simon THOMAS (UNITED KINGDOM)
- 41681 RADIAL NERVE PALSY TENDON TRANSFER USING SINGLE FOREARM INCISION**
Mohamed ABDELHAMED (EGYPT)
- 40553 A LONG-TERM FUNCTIONAL OUTCOME AND QUALITY-OF-LIFE SCORES OF ONE-TIME QUAD-NERVE TRANSFER TO RESTORE SHOULDER AND ELBOW FUNCTION IN PATIENTS WITH UPPER BRACHIAL PLEXUS INJURY: A REPORT OF FIVE CASES**
Shusen CUI, Chunyu LI, Le QI, Hongin SUN, Weizhong ZHANG, Yueshu WANG, Guangzhi WU (CHINA)
- 40114 INTERCOSTAL NERVE TRANSFER TO SUPRASCAPULAR NERVE AFTER BRACHIAL PLEXUS ROOTS AVULSION**
Shaonan HU (CHINA)



Thursday, 17 September

Hall 14 Qingyuan

08:30 - 10:00

Symposium – Infections: The Tuberculosis of the Bone

Moderators:

Ferdinando DA RIN DE LORENZO (ITALY), Günter LOB (GERMANY)

EPIDEMIOLOGY, CLASSIFICATION, DIAGNOSIS OF BONE TUBERCULOSIS

Ferdinando DA RIN DE LORENZO (ITALY)

PATTERN OF MUSCULOSKELETAL TUBERCULOSIS IN A DEVELOPING COUNTRY

Udo ANYAEHIE (NIGERIA)

ACTIVE TUBERCULOSIS OF THE HIP: THE ROLE OF JOINT REPLACEMENT
Li CAO (CHINA)

UNEXPECTED CASE OF ANKLE TUBERCULOSIS IN A YOUNG PROFESSIONAL LEADING TO DELAY IN DIAGNOSIS
Nazri Mohd YUSOF, Zamzuri ZAKARIA, How Soon HIN (MALAYSIA)

DRUG-RESISTANT SPINAL TUBERCULOSIS DESERVES MORE ATTENTION: RAPID DETECTION AND INDIVIDUALISED CHEMOTHERAPY
Jianzhong XU (CHINA)

DECISION-MAKING IN SURGICAL TREATMENT OF LUMBOSACRAL JUNCTION SPINAL TUBERCULOSIS: APPLICATION OF A NEWLY DESIGNED ANTERIOR PLATE
Jianzhong XU (CHINA)

EFFICACY OF ULTRA-SHORT-COURSE CHEMOTHERAPY ON SPINAL TUBERCULOSIS AFTER COMPLETE DEBRIDEMENT SURGERY: AN OVER 5-YEAR CLINICAL OUTCOME
Zili WANG (CHINA)

CLINICAL OBSERVATION OF FIXATION AND FUSION BETWEEN FOCAL VERTEBRA FOR THE TREATMENT OF THORACIC AND LUMBAR SPINAL TUBERCULOSIS
Zili WANG (CHINA)

THE TREATMENT OF UPPER THORACIC TUBERCULOSIS VIA POSTERIOR APPROACH ONLY
Hongqi ZHANG (CHINA)

SURGICAL STRATEGY AND CLINICAL OUTCOMES FOR ADJACENT MULTI-SEGMENT SPINAL TUBERCULOSIS: A RETROSPECTIVE STUDY IN TWO SPINE CENTRES
Litao LI, Yuanzheng MA (CHINA)

10:00 - 10:30 **Break**

10:30 - 12:00 ***EBJIS (European Bone & Joint Infection Society) Symposium – The Infected Osteosynthesis: Advances in Diagnostics & Treatment***

Moderator:
Heinz WINKLER (AUSTRIA)

PREVENTION OF INFECTION IN OSTEOSYNTHESIS
Fatih KUCUKDURMAZ (TURKEY)

LIFE QUALITY AND DURATION OF TREATMENT: SPACER SYSTEMS FOR BRIDGING LONG DIAPHYSEAL BONE LOSS
Günter LOB (GERMANY)

INFECTION-RELATED BONE LOSS AFTER OSTEOSYNTHESIS OF THE ANKLE REGION

Ferdinando DA RIN DE LORENZO (ITALY)

MANAGEMENT OF BONE DEFECTS AFTER INFECTED OSTEOSYNTHESIS

Kostas MALIZOS (GREECE)

SINGLE-STAGE TREATMENT OF INFECTED OSTEOSYNTHESIS WITH ANTIBIOTIC IMPREGNATED ALLOGRAFT

Heinz WINKLER (AUSTRIA)

INNOVATIVE DIAGNOSTIC TOOLS FOR BACTERIAL AND ATYPICAL BONE AND JOINT INFECTIONS

Dirk STENGEL (GERMANY)

12:00 - 12:30

Plenary Lecture – Vilmos Vecsei (in Hall 1 Lingnan)

THE TIME IS RIPE! HOW THE NEGLECT OF PIONEERING IDEAS HAS IMPACTED PROGRESS IN TRAUMA CARE

Vilmos VECSEI (AUSTRIA)

12:30 - 13:30

Industry-Sponsored Symposium

13:30 - 14:00

Break

14:00 - 15:30

Symposium – Infections: Bone Infection & Disasters

Moderators:

Patrick HERARD (FRANCE), Maurice HINSENKAMP (BELGIUM)

LONG-TERM SURGICAL SITE INFECTION RATES IN ORTHOPAEDIC TRAUMA IN MSF TRAUMA CENTRES

Lunick SANTIAGUE¹, Miguel TRELLES²

¹(HAITI), ²(BELGIUM)

POST CONFLICT DISASTER BONE INFECTION: ANTIBIOTIC RESISTANCES ON THE FRONT LINE

Patrick HERARD, Yasmine BAGHADADI, Jean-Baptiste RONAT (FRANCE)

THE ANTIBIOTIC RESISTANCE IN THE INFECTIONS OF THE BONE (NEW THERAPEUTIC HORIZONS)

Ferdinando DA RIN DE LORENZO (ITALY)

AETIOLOGY AND MANAGEMENT OF BONE AND JOINT INFECTION IN A REGIONAL ORTHOPAEDIC HOSPITAL

Udo Ego ANYAEHIE, Omolade Ayoola LASEBIKAN, Ikenna Ifeanyi ORIKPE, Kingsley Ifeanyi EZE, Tochukwu Ogechukwu IKPEGBU (NIGERIA)

POSTOPERATIVE INFECTION IN PATIENTS UNDERGOING INSPECTION OF ORTHOPAEDIC DAMAGE DUE TO EXTERNAL FIXATION

Noel FONI, Felipe BAPTISTA, Luís ROSSATO, José Octávio HUNGRIA, Marcelo MERCADANTE, Ralph CHRISTIAN (BRAZIL)

15:30 - 16:00

Plenary Lecture – Jianguo Zhang (in Hall 1 Lingnan)

SURGICAL TREATMENT OF SEVERE SPINAL KYPHOSCOLIOSIS IN CHINA

Jianguo ZHANG (CHINA)

16:00 - 16:30

Break

16:30 - 18:00

Free Papers – Infections: Osteoarticular

Moderators:

Ferdinando DA RIN DE LORENZO (ITALY), Xinlong MA (CHINA)

40376 IMPROVED DIAGNOSTIC POTENTIAL OF PCR BY AMPLIFICATION OF MULTIPLE GENE TARGETS IN OSTEOARTICULAR TB

Balaji SAIBABA, Gopinath PALANISAMY, Sameer AGGARWAL, Mandeep Singh DHILLON, Kusum SHARMA (INDIA)

39539 GLYCATED HEMOGLOBIN AS A PREDICTOR OF ARTERIAL OCCLUSION SEVERITY IN DIABETIC FOOT INFECTIONS MANAGED WITH MAJOR AMPUTATION

Juan Agustin CORUÑA, Teodorico PACALDO, Maria Luz Vicenta GUANZON, Jose Maria CORUÑA, Mary PEREZ, Therese Anne SUÑE (PHILIPPINES)

41563 POST ANTI-TB TREATMENT INDUCED OSTEOMALACIA REMAINS UNDIAGNOSED IN 100%

Vijay Kumar KHARIWAL, Sadhna GARG (INDIA)

40897 OZONETHERAPY EFFECTIVENESS IN CHRONIC OSTEOMYELITIS TREATMENT: A RANDOMISED CLINICAL TRIAL STUDY

Mohammad Reza GOLBAKHSH, Ahmadsreza MIRBOLOOK, Bahram NADERI NABI, Hossein ETTEHAD, Mohammad HAGHIGHI, Reza GHORBANI AMJAD, Mohammadsadegh MOUSAVI (IRAN)

39075 THE MANAGEMENT OF HIP AND KNEE PROSTHETIC JOINT INFECTIONS IN A DISTRICT GENERAL HOSPITAL: HOW SUCCESSFUL IS THE DEBRIDEMENT, ANTIBIOTIC AND IMPLANT RETENTION (DAIR) STRATEGY?

Stephen NG MAN SUN, Ruth CORRIGAN, Mansoor RAZA, Oliver PEARCE (UNITED KINGDOM)

- 40038 CUSTOM-MADE ANTIBIOTIC-IMPREGNATED CEMENTED INTRAMEDULLARY NAILS IN INFECTED NON-UNION OF LOWER EXTREMITY**
Pavel VOLOTOVSKI, Alexandre SITNIK, Oleg BONDAREV, Alexander BELETSKY (BELARUS)
- 40865 FREE VASCULARISED FIBULAR GRAFT BRIDGED VASCULAR PEDICLE BY VEIN TRANSPLANTATION FOR INFECTIVE BONE DEFECT RECONSTRUCTION IN THE LOWER EXTREMITY**
Gaohong REN (CHINA)
- 40388 MANAGEMENT OF FOOT BONE OSTEOMYELITIS AND ASSOCIATED EQUINOVARUS WITH THE ILIZAROV COMPRESSION DISTRACTION METHOD**
Anatoly SUDNITSYN, Nikolay KLYUSHIN (RUSSIA)
- 42360 OPTIMISED MAGNETIC RESONANCE IMAGING OF JOINT ARTHROPLASTY: CLINICAL VALUE FOR DIAGNOSIS OF PERIPROSTHETIC INFECTION**
Chuan HE (CHINA)



Thursday, 17 September

Hall 15 Yunfu

08:30 - 10:00

Short Oral Presentations – Foot & Ankle

Moderators:

Awad Abdel-Moniem A. RAFALLA (EGYPT), Yongjian SUN (CHINA)

- 40691 IN VIVO KINEMATIC STUDY OF THE TARSAL JOINTS COMPLEX BASED ON FLUOROSCOPIC 3D-2D REGISTRATION TECHNIQUE**
Chen WANG, Xin MA, Xu WANG, Jiazhang HUANG, Chao ZHANG, Li CHEN, Jian XU, Xiang GENG (CHINA)
- 41836 A NOVEL STAGED TREATMENT FOR HIGH ENERGY PILON FRACTURE**
Jianfeng XUE, Zhongmin SHI (CHINA)
- 39526 CLOSED REDUCTION AND PERCUTANEOUS SCREW FIXATION FOR TALAR NECK FRACTURES**
Hu WANG (CHINA)
- 39836 TREATMENT STRATEGY AND INTRAOPERATIVE DIAGNOSIS OF ACUTE ANKLE FRACTURE WITH DELTOID LIGAMENTS INJURY**
Kai WU, Jian LIN, Jianhua HUANG, Qiugen WANG (CHINA)

- 41723 MINIMALLY INVASIVE OSTEOTOMY AND FIXATION WITH ILIZAROV FIXATOR FOR THE TREATMENT OF CALCANEAL FRACTURES MALUNION**
Lei LIU (CHINA)
- 41720 TREATMENT OF TRAUMATIC TALIPES EQUINOVARUS WITH ILIZAROV FIXATOR**
Lei LIU (CHINA)
- 41143 CORRECTION OF POLIOMYELITIS FOOT AND LEG DEFORMITIES BY ILIZAROV TECHNIQUE**
M. Mofakhkharul BARI (BANGLADESH)
- 41794 DISTRACTION ARTHRODESIS OF THE SUBTALAR JOINT FOR THE TREATMENT OF CALCANEAL MALUNION**
Ying LI, Yong WU (CHINA)
- 39593 MEDIAL COLUMN SCREW WITH MINI-FRAGMENT LOCKING PLATE RAFTING TECHNIQUE FOR MINIMALLY INVASIVE TREATMENT OF INTRA-ARTICULAR CALCANEAL FRACTURES**
Zhongmin SHI (CHINA)
- 40063 ANATOMY OF THE 1ST AND 2ND LISFRANC JOINT SURFACE AND ITS CLINICAL SIGNIFICANCE**
Chunguang LI (CHINA)
- 39707 SURGICAL TREATMENT FOR MÜLLER-WEISS DISEASE**
Guangrong YU, Yunfeng YANG, Youguang ZHAO, Mingzhu ZHANG (CHINA)
- 39894 DIFFERENTIATED SURGICAL TACTICS IN HALLUX VALGUS TREATMENT**
Saodat ASILOVA, Albert YUGAY, Bekzod UBAYDULLAEV, Avaz MIRZAIDOV (UZBEKISTAN)
- 39377 DISTALLY BASED SURAL FLAP FOR FOOT AND ANKLE RECONSTRUCTION: A TECHNICAL PEDICLE EVOLUTION**
Shimin CHANG (CHINA)
- 42397 SUPRAMALLEOLAR OSTEOTOMY FOR DISTAL TIBIAL VARUS DEFORMITY COMBINED WITH ANKLE OSTEOARTHRITIS**
Hongmou ZHAO (CHINA)
- 42396 ARTHRODESIS FOR TRAUMATIC FLAT FOOT CAUSED BY OLD MIDTARSAL FRACTURE DISLOCATION**
Hongmou ZHAO (CHINA)
- 42395 RESULTS OF CALCANEAL OSTEOTOMY AND ACHILLES TENDON INSERTIONAL RECONSTRUCTION FOR ACHILLES TENDINITIS WITH HAGLUND'S DEFORMITY**
Li CHEN (CHINA)

10:00 - 10:30 *Break*

Moderators:

Kandiah RAVEENDRAN (MALAYSIA), Liang ZHAO (CHINA)

- 40724 A SINGLE-DOSE INTRA-ARTICULAR MORPHINE PLUS BUPIVACAINE VERSUS MORPHINE ALONE FOLLOWING KNEE ARTHROSCOPY: A SYSTEMATIC REVIEW AND META-ANALYSIS**
Guanghua LEI, Dongxing XIE (CHINA)
- 40704 SINGLE-DOSE INTRA-ARTICULAR BUPIVACAINE PLUS MORPHINE AFTER KNEE ARTHROSCOPIC SURGERY: A META-ANALYSIS OF RANDOMISED PLACEBO-CONTROLLED STUDIES**
Guanghua LEI, Yilun WANG (CHINA)
- 39956 ARTHROSCOPIC TREATMENT FOR OLD UNREDUCED POSTEROLATERAL ROTATORY DISLOCATION OF KNEE**
Gang CHEN (CHINA)
- 39685 A NEW RECOGNITION OF THE MEDIAL ROTATORY WITH BUTTON LOCKED IRREDUCIBLE KNEE DISLOCATION**
Jian LI (CHINA)
- 39669 THE IATROGENIC AETIOLOGY AND TREATMENT OF THE OLD FIXED DISLOCATION OF THE KNEE**
Jian LI (CHINA)
- 40721 RISK FACTORS FOR NON-CONTACT ANTERIOR CRUCIATE LIGAMENT INJURY IN THE CHINESE POPULATION: ANALYSIS OF PARAMETERS IN PROXIMAL TIBIA USING ANTEROPOSTERIOR RADIOGRAPH**
Guanghua LEI, Tuo YANG (CHINA)
- 39671 INDIVIDUALISED RECONSTRUCTION OF ANTERIOR CRUCIATE LIGAMENT**
Jian LI (CHINA)
- 41205 DEVELOPMENT OF DECELLULARISED ALLOGRAFT COMBINED WITH TENDON-DERIVED STEM CELLS FOR ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION**
Jinzhong ZHAO (CHINA)
- 39322 HOW LONG IS ENOUGH FOR TENDON-BONE HEALING IN FEMORAL TUNNEL IN ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION?**
Yongjian WANG, Yingfang AO (CHINA)
- 39182 TRANS-ARTICULAR DRILLING IN THE TREATMENT OF UNSTABLE JUVENILE OSTEOCHONDritis DISSECANS OF THE KNEE: MID-TERM RESULTS**
Hong CHEN (CHINA)
- 39151 ACTIVITY TOLERANCE AFTER MENISCAL ALLOGRAFT TRANSPLANTATION**
Wentao ZHANG, Xintao ZHANG (CHINA)

39682 MEDIAL GASTROCNEMIUS TENDINOUS FLAP TO REPAIR THE HERNIA AFTER CYSTECTOMY FOR POPLITEAL-FOSSA CYST
Xin TANG (CHINA)

42393 RARE CAUSE OF KNEE SYNOVITIS – TOURAINE-SOLENTE-GOLE SYNDROME 4-CASE REPORT
Bo YANG (CHINA)

42392 DUAL-ENERGY CT STAINING TECHNIQUE: DETECTING KNEE SPORTS INJURY – FEASIBILITY STUDY
Tao ZHANG (CHINA)

12:00 - 12:30 *Plenary Lecture – Vilmos Vecsei (in Hall 1 Lingnan)*

THE TIME IS RIPE! HOW THE NEGLECT OF PIONEERING IDEAS HAS IMPACTED PROGRESS IN TRAUMA CARE
Vilmos VECSEI (AUSTRIA)

12:30 - 13:30 *Industry-Sponsored Symposium*

13:30 - 14:00 *Break*

14:00 - 15:30 *Short Oral Presentations – Arthroscopy & Sports Medicine II*

Moderators:

Stephen ABELOW (UNITED STATES), Lijun LIN (CHINA)

39474 CONVENTIONAL ARTHROSCOPIC DUAL-ROW ROTATOR CUFF REPAIR VERSUS ARTHROSCOPIC UNDERSURFACE ROTATOR CUFF REPAIR: 1-YEAR FOLLOW-UP
Benjamin Fu Hong ANG, Jerry CHEN, William YEO, Denny Tjiauw Tjoen LIE, Paul Chee Cheng CHANG (SINGAPORE)

40601 A META-ANALYSIS COMPARING SINGLE-ROW AND DOUBLE-ROW REPAIR TECHNIQUES IN THE TREATMENT OF ROTATOR CUFF TEARS
Caiqi XU, Lei WANG, Chengyu ZHUANG, Jinzhong ZHAO (CHINA)

40332 ARTHROSCOPIC BANKART REPAIR: IS IT SUPERIOR TO OLDER SURGICAL PROCEDURES FOR SHOULDER INSTABILITY?
Metwally SHAHEEN¹, Mostafa AZAB², Enjie IBRAHIM¹
¹(SAUDI ARABIA), ²(EGYPT)

40320 ARTHROSCOPIC REMPLISSAGE LIMITS SHOULDER RANGE OF MOTION WHEN COMBINED WITH BANKART REPAIR
Mostafa AZAB¹, Enjie IBRAHIM²
¹(EGYPT), ²(SAUDI ARABIA)

- 41778 MINI-OPEN LATARJET WITH THE WEDGE PROFILE PLATE FOR FAILED BANKARTS: IS THIS MODIFIED LATARJET THE FUTURE?**
Mukul MOHINDRA, Deepak CHAUDHARY, Vineet JAIN, Deepak JOSHI, Ankit GOYAL, Nitin MEHTA (INDIA)
- 39967 ARTHROSCOPIC TRANSOSSEOUS ANCHORLESS VS. ANCHORED ROTATOR CUFF REPAIR: A COHORT ANALYSIS COMPARING CLINICAL AND PATIENT REPORTED OUTCOMES, STRUCTURAL INTEGRITY, AND COSTS**
Uma SRIKUMARAN, Bashir ZIKRIA, Catherine HANNAN, Meera CHAPPIDI, Kelly KILCOYNE, Steve PETERSEN, Edward MCFARLAND (UNITED STATES)
- 39955 ANCHORED VERSUS ANCHORLESS ROTATOR CUFF REPAIR: A BIOMECHANICAL ANALYSIS**
Uma SRIKUMARAN, Stanley GUILLAUME, Kelly KILCOYNE, Evan LANGDALE, Catherine HANNAN, Stephen BELKOFF (UNITED STATES)
- 40859 SUBACROMIAL INJECTIONS IN COMBINED SHOULDER PATHOLOGIES – PREFERRED ROUTE? A CADAVERIC STUDY**
Vishesh KHANNA, Senthilnathan SAMBANDAM, Duraisamy GOPINATH (INDIA)
- 40961 REVERSAL OF SUPRASCAPULAR NEUROPATHY FOLLOWING ARTHROSCOPIC REPAIR OF MASSIVE ROTATOR CUFF TEAR WITH ROUTINE NERVE RELEASE**
Xuan HUANG, Zimin WANG (CHINA)
- 41011 TRANSTENDON DOUBLE-ROW SUTURE ANCHOR TECHNIQUE FOR REPAIR OF THE GRADE III PARTIAL ARTICULAR SUPRASPINATUS TENDON AVULSION**
Zimin WANG, Xuan HUANG (CHINA)
- 40036 CYCLIC LOAD TESTING AND ULTIMATE FAILURE STRENGTH OF BIO-BONE SUTURE ANCHOR: A CADAVERIC STUDY**
Hongliang LEE, Yujie LIU, Wei QI, Chunbao LI, Feng QU, Qi GUO, Xi LU (CHINA)
- 41084 AN ANATOMIC EVALUATION OF OMNISPAN SUTURE DEVICE PLACEMENT FOR ARTHROSCOPIC ALL-INSIDE MENISCAL REPAIR**
Qi GUO, Xi LU, Hongliang LI, Wei QI, Yujie LIU (CHINA)
- 41458 COMPARISONS OF FEMORAL TUNNEL POSITION AND LENGTH IN ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION WITH THREE DIFFERENT TECHNIQUES**
Zimin WANG, Weidong XU, Quan LI (CHINA)
- 42394 THE NEW CONCEPTS OF SHOULDER INSTABILITY: NOT ONLY FROM THE GLENOID, ALSO FROM THE HUMERAL HEAD**
Binghua ZHOU (CHINA)

15:30 - 16:00

Plenary Lecture – Jianguo Zhang (in Hall 1 Lingnan)

SURGICAL TREATMENT OF SEVERE SPINAL KYPHOSCOLIOSIS IN CHINA

Jianguo ZHANG (CHINA)

16:00 - 16:30

Break

16:30 - 18:00

Short Oral Presentations – Hip

Moderators:

André FERREIRA (FRANCE), Peilai LIU (CHINA)

41490 HIP ARTHROPLASTY AS REMEDY FOR FAILED INTERNAL FIXATION AFTER INTERTROCHANTERIC FRACTURES – THE CHOICE OF FEMORAL STEM LENGTH

Chaofan ZHANG, Wenming ZHANG, Wenbo LIN, Zida HUANG, Guochang BAI, Jianhua LIN (CHINA)

40571 A STUDY CONCERNING THE IMPACT OF HEAD-ACETABULA RELATION WITHIN WEIGHT-BEARING AREA ON PAIN GRADING IN NON-TRAUMATIC OSTEONECROSIS OF FEMORAL HEAD BY COMPUTER-AIDED ANALYSIS

Guoju HONG, Wei HE, Leilei CHEN, Guangxue YAO, Genfa DU (CHINA)

39271 COMPARISON OF ACETABULAR VERSION ANGLE MEASUREMENTS BETWEEN PRONE AND LEWINNEK PLAN COMPUTED TOMOGRAPHY IMAGES

Hao WU (CHINA)

41074 THE IN-VITRO WEAR PARTICLES ANALYSIS OF Ti6Al4V FEMORAL HEAD COATED CARBON-BASED NANO MULTILAYER FILM

Ji LI, Zhongli LI, Wenzhen QU, Weixiong LIAO, Hao ZHANG (CHINA)

41927 THE EFFECT OF MEDICARE 3-DAY RULE ON PATIENT'S LENGTH OF STAY, DISPOSITION AND COSTS AFTER TOTAL HIP ARTHROPLASTY

Victor HERNANDEZ, Fabio OROZCO, Zachary POST, Alvin ONG (UNITED STATES)

40070 MINIMALLY INVASIVE DHS IN THE TREATMENT OF FEMORAL NECK FRACTURES IN THE ELDERLY

Lei LIU (CHINA)

40137 VASCULARISED ILIAC BONE GRAFTING IN THE TREATMENT OF FEMORAL NECK NON-UNION IN YOUNG ADULTS

Yeming WANG, Jianguo ZHANG, Wanfu WEI (CHINA)

- 39513 PERIOPERATIVE SURGICAL COMPLICATIONS OF HIP REVISION: REASONS, PREVENTION AND TREATMENT**
Weiming LIAO (CHINA)
- 41064 IMPACT OF HIP JOINT CENTRE HEIGHT ON BASIC STRESS PATHWAY ABOVE ACETABULAR DOME**
Yong NIE (CHINA)
- 39516 SELECTIVELY UPWARD OF ACETABULAR IMPLANTS IN PATIENTS WITH ANATOMICALLY ABNORMAL ACETABULUM DURING THA: A PRELIMINARY STUDY**
Zhiqi ZHANG, Weiming LIAO, Ming FU (CHINA)
- 41741 OPTIMISED MAGNETIC RESONANCE IMAGING OF JOINT ARTHROPLASTY: CLINICAL VALUE FOR DIAGNOSIS OF PERIPROSTHETIC INFECTION**
Chuan HE, Yong LU, Meihua JIANG, Jianmin FENG, Yi WANG, Zhihong LIU (CHINA)
- 40661 PRELIMINARY APPLICATION OF COMPUTER-ASSISTED PATIENT-SPECIFIC NAVIGATIONAL TEMPLATE FOR PROXIMAL FEMORAL CORRECTIVE OSTEOTOMY**
Qiang SHI, Xu LI (CHINA)
- 41165 DIFFERENCES OF SIZING AND ROTATIONAL LANDMARKS OF DISTAL FEMUR BETWEEN SOUTHERN CHINESE AND CAUCASIAN**
Zongke ZHOU (CHINA)
- 42400 CLINICAL EFFICACY OF ADEQUATE ANTIBIOTICS COMBINED WITH DEBRIDEMENT SURGERY IN THE TREATMENT OF PERIPROSTHETIC JOINT INFECTION**
Weidong XU (CHINA)
- 42399 THE ACCURACY AND USEFULNESS OF DIGITAL TEMPLATING IN ACETABULAR RECONSTRUCTION FOR DEVELOPMENTAL DYSPLASTIC HIPS**
Yan KANG (CHINA)