



WEDNESDAY / 28 AUG. / CONGRESS DAY ONE

	HALL 1A	HALL 1B	HALL 1C	ROOM 3A	ROOM 3B
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07:00 REGISTRATION - MAIN ENTRANCE FOYER

08:00-08:10 WELCOME by James Fernandes (Congress Chairman) - HALL 1A

LESSONS FROM THE MASTERS - HALL 1A

08:15 - 10:00	Moderators: Selvadurai Nayagam / Kevin Tetsworth
	08:15 - 08:55 (20 minutes presentation + 20 minutes translation) HOW TO MAKE CRAWLING PATIENTS STAND AND WALK? Qin Sihe (China)
	08:55 - 09:15 SUPERANKLE PROCEDURES FOR PALEY TYPE 3A, B, C Dror Paley (USA)
	09:15 - 09:35 FEMORAL BONE LOSS: TECHNIQUE OF BONE TRANSPORT Maurizio A. Catagni (Italy)
	09:35 - 09:55 A THEME ON GUIDED GROWTH John Herzenberg (USA)

	SYMPOSIA (NEW ADJUNCTS, TECHNIQUES AND DEVICES)	SYMPOSIA (FOOT AND ANKLE)	SYMPOSIA (BONE INFECTION)	FREE PAPERS	FREE PAPERS
10:10 - 11:00	Moderators: Rainer Baumgart / David Goodier	Moderators: Alexander Kirienko / Richard Montgomery	Moderators: Franz Birkholtz / Deepa Bose	Moderators: Jabrayil Alakbarov / Mohamed Fadel	Moderators: Alejandro Baar / Simon Britten
	10:10 - 10:22 NEW TECHNIQUE OF OSTEOTOMY "BONGIOVANNI-AMAYA" FOR LENGTHENING AND RECONSTRUCTION OF BONES Jose Carlos Bongiovanni (Brazil)	10:10 - 10:22 HEXAPOD CONSTRUCTS AND OSTEOTOMIES FOR SALVAGE OF FOOT DEFORMITIES Leonid Solomin (Russia)	10:10 - 10:22 INTRODUCTION (STAR CONCEPT AND DIAMOND CONCEPT) León Mora (Colombia)	10:10 - 10:15 RADIOGRAPHS IN CIRCULAR FRAME FOLLOW UP: A CLINICAL NECESSITY FOR DECISION MAKING OR JUST A SECURITY BLANKET? (368) Adrian Andronic, Vasileos Giannoudis, Anthony Howard, Paul Harwood	10:10 - 10:15 COMPARISON BETWEEN TIBIAL AND FEMORAL HUMAN INDUCED MEMBRANES: BIOLOGICAL ACTIVITY IMPLICATES ANATOMICAL SITE SPECIFIC DIFFERENCES (224) Vaida Glatt, Kevin Tetsworth, Anna Woloszyk
	Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	10:17 - 10:22 COSMETIC LIMB LENGTHENING – EXPERIENCE WITH A FULLY WEIGHT BEARING INTRAMEDULLARY NAIL – 343 CASES (517) Jean-Marc Guichet, Christian Masiello	10:17 - 10:22 INTRAMEDULLARY FIBULAR STRUTS AS BIOLOGICAL FIXATION AUGMENTS IN PERIARTICULAR FRACTURE NON UNIONS (543) Anbuhezian Palanivel, Ajithkumar Muttur, Shantharam Shetty, Shailesh Pai, Yogesh K, Mohammed Faheim Kotekar
	10:25 - 10:37 MAGNETIC MOTORIZED INTERNAL LENGTHENING: TECHNIQUES, TIPS, OUTCOMES Robert Rozbruch (USA)	10:25 - 10:37 TREATMENT OF INVETERATE CLUBFOOT Rodrigo Mota (Brazil)	10:25 - 10:37 INFECTION IN ARTICULAR REPLACEMENTS: WHAT TO DO WHEN YOU DO NOT HAVE TO DO LIMB SALVAGE León Mora (Colombia)	10:24 - 10:29 HUMAN FETAL MESENCHYMAL STEM CELL SECRETOME ENHANCES BONE CONSOLIDATION IN DISTRACTION OSTEOGENESIS IN RATS (378) Gang Li	10:24 - 10:29 GRADUAL FIBULAR TRANSFER BY ILIZAROV EXTERNAL FIXATOR IN POST-TRAUMATIC AND POST-INFECTION LARGE TIBIAL BONE DEFECTS (86) Mohammed Anter Meselhy, Mohammed Singer, Gamal Hosny, Adel Adawy, Osama Essawy, Abdsamie Halawa
Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	10:31 - 10:36 THE ROLE OF PROXIMAL FIBULA DURING BILATERAL TIBIAL LENGTHENING IN ACHONDROPLASIC PATIENTS (320) Maria Elena Rodrigo, Ignacio Ginebreda, Marta Comas, Nicole Canu	10:31 - 10:36 BONE CHIPPING TECHNIQUE IN TREATING DOCKING SITE NON-UNION (206) Siti Munira Seri Masran, Rohaman Tasarib, Azmi Baharuddin	



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<p>10:40 - 10:52 DIRECT VS. REVERSE DYNAMIZATION – COMPARATIVE ANALYSIS USING LARGE ANIMAL MODEL Mikhail Samchukov (USA)</p>	<p>10:40 - 10:52 MITER FRAME FOR COMBINED ANKLE AND MID FOOT EQUINUS Gonzalo Bastias (Chile)</p>	<p>10:40 - 10:52 CAVITARY BONE INFECTION, MANAGEMENT OF DEAD SPACE, CEMENT OR SUBSTITUTES, ROLE OF BIOGLASS León Mora (Colombia)</p>	<p>10:38 - 10:43 CLINICAL OUTCOME OF FEMORAL LENGTHENING USING MAGNETIC INTRAMEDULLARY LENGTHENING NAILS COMPARED TO EXTERNAL FIXATION IN CHILDREN (552) Mohamed Hafez, Nicolas Nicolaou, Amaka Offiah, Stephen Giles, Sanjeev Madan, James Fernandes</p> <p>10:45 - 10:50 RENAILING AFTER TELESCOPIC LENGTHENING (221) Gerald Wozasek, Thomas Haider</p>	<p>10:38 - 10:43 TRANSFOCAL OSTEOTOMY FOR SHEAR NON-UNION OF TIBIA (398) Naveen Abhishetty, Om Lahoti, Sandesh Shetty</p>
Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)		

11:00-11:30

COFFEE, EXHIBITION and POSTER VIEWING - HALL 2

SYMPOSIA (PAEDIATRIC)	SYMPOSIA (TRAUMA)	SYMPOSIA (LIMB LENGTHENING)	FREE PAPERS	FREE PAPERS
<p>Moderators: Mofakhkharul Bari / Alexander Cherkashin</p> <p>11:30 - 11:42 LOWER LIMB PARALYTIC DEFORMITY OF POLIO CASES Milind Chaudhary (India)</p>	<p>Moderators: Nando Ferreira / Simon Royston</p> <p>11:30 - 11:42 LIMB SALVAGE AND RECONSTRUCTION AFTER BLAST AND BALLISTIC INJURIES Jean-Claude D'Alleyrand (USA)</p>	<p>Moderators: Jean-Marc Guichet / In-Ho Choi</p> <p>11:30 - 11:42 TECHNIQUES OF LENGTHENING AND BONE TRANSPORT WITH INTRAMEDULLARY NAIL Robert Rozbruch (USA)</p>	<p>Moderators: Hani El-Mowafi / Tae-Joon Cho</p> <p>11:30 - 11:35 INTRAMEDULLARY FIXATION OF A-FRAME FREE VASCULARISED FIBULA GRAFTS WITH SUBSEQUENT FEMORAL LENGTHENING IN PAEDIATRIC OSTEOSARCOMA PATIENTS (521) Ulrich Lenze, Mark O'Sullivan, David McCombe, Christopher Coombs, Leo Donnan</p> <p>11:37 - 11:42 BONE INFECTION ACQUIRED FROM OVERSEAS. OUR EXPERIENCE AS A TERTIARY REFERRAL CENTRE (488) Nima Heidari, Hamed Mazoochy, Sathyavani Subbarao, Alexandros Vris, Caryn Rosmarin, Benny P Cherian</p> <p>11:44 - 11:49 SEPTIC NONUNIONS: CLASSIFICATION AND TREATMENT (28) Carlo Salomone, Giovanni Riccio, Andrea Antonini, Antonio Biasibetti</p> <p>11:51 - 11:56 FDG-PET/CT IN THE DIAGNOSIS AND CHARACTERISATION OF BONE INFECTION IN COMPLEX LIMB RECONSTRUCTION (249) Sarah Johnson-Lynn, Fahmid Chowdhury, Simon Britten, Paddy Foster, Paul Harwood, Martin Taylor</p> <p>11:58 - 12:03 IS HYPERCALCEMIA A FREQUENT COMPLICATION FOLLOWING LOCAL USE OF CALCIUM SULFATE WITH ANTIBIOTICS FOR THE TREATMENT OF EXTREMITY POST-TRAUMATIC OSTEOMYELITIS? A PRELIMINARY STUDY (112) Yan-jun Hu, Nan Jiang, Guan-qiao Liu, Jia-jun Yang, Qing-rong Lin, Bin Yu</p>	<p>Moderators: Halil Ibrahim Balci / Mikhail Samchukov</p> <p>11:30 - 11:35 HINDFOOT NAIL AND PRIMARY CLOSURE FOR THE MANAGEMENT OF OPEN ANKLE FRACTURES IN THE ELDERLY POPULATION (105) Alastair Robertson, Venilla Pandey, Charles Godavitarne, Lorraine Harry, Enis Guryel</p> <p>11:37 - 11:42 SUPERANKLE PROCEDURE FOR FOOT AND ANKLE RECONSTRUCTION IN PATIENTS WITH TYPE IIC FIBULAR HEMIMELIA (459) Milud Shadi</p> <p>11:44 - 11:49 ANKLE ARTHRODESIS WITH ILIZAROV RING FIXATOR; OUR EXPERIENCE OF 25 YEARS (522) Syed Kamran Ali Shah, Haridimos Tsidakias, Paolo Sciuto, Luca Fisichella, Francesco Guerreschi</p> <p>11:51 - 11:56 TIBIAL CORTEX TRANSVERSE TRANSPORT FACILITATED HEALING AND DECREASED AMPUTATIONS IN SEVERE AND RESISTANT DIABETIC FOOT ULCERS (427) Yan Chen, Jia Zhou, Xiaocong Kuang, Zisan Zeng, Puxiang Zhen, Zhenxun Lin, William Lu, Jinmin Zhao, Qikai Hua</p> <p>11:58 - 12:03 QIN SIHE'S INNOVATIVE SURGICAL METHOD COMBINED WITH ILIZAROV TECHNIQUE FOR THE TREATMENT OF CONGENITAL CLUBFOOT IN ADULT (171) Sihe Qin, Jiancheng Zang</p>
Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)		
<p>11:45 - 11:57 LOWER LIMB SPASTIC DEFORMITY WITH CEREBRAL PALSY Reggie Hamdy (Canada)</p>	<p>11:45 - 11:57 SUBACUTE LIMB RECONSTRUCTION AFTER BLAST INJURIES USING RINGED EXTERNAL FIXATION Austin Fragomen (USA)</p>	<p>11:45 - 11:57 THE ACHIEVED SHAPE OF THE LEGS WHEN CORRECTED USING ILIZAROV FRAME AND ORTHO-SUV HEXAPOD Leonid Solomin (Russia)</p>		
Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)		
<p>12:00 - 12:12 HOW TO TREAT FLAIL FOOT OF SPINA BIFIDA Andrey Neretin (Russia)</p>	<p>12:00 - 12:12 OSSEOINTEGRATION FOR RECONSTRUCTION OF BLAST-RELATED AMPUTATIONS Kevin Tetsworth (Australia)</p>	<p>12:00 - 12:12 LIMB LENGTHENING OF CONGENITAL DEFORMITIES Jose Carlos Bongiovanni (Brazil)</p>		

11:30
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12:15



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	Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)		
	FREE PAPERS Moderators: Reggie Hamdy / Pawel Koczewski	FREE PAPERS Moderators: Yuhan Chee / Ismail Dilogo	FREE PAPERS Moderators: Gonzalo Bastias / Levent Eralp	FREE PAPERS Moderators: Søren Kold / Cherry Cheriyan Kovoor	FREE PAPERS Moderators: Steve McChesney / Steve Giles
	12:15 - 12:20 RETROGRADE FEMORAL NAILING THROUGH AN OPEN PHYSIS DOES NOT IMPAIR GROWTH IN PIGS (135) Ahmed Abood, Ole Rahbek, Bjarne Møller-Madsen, Søren Kold	12:15 - 12:20 FLOATING KNEE INJURIES; CAN EXTERNAL FIXATION BE A DEFINITIVE TREATMENT? (169) Gamal Hosny, Abdel-Salam Ahmed	12:15 - 12:20 LENGTHENING OF THE HUMERUS WITH INTRAMEDULLARY LENGTHENING NAILS—PRELIMINARY REPORT (326) Abdullah Abulaban, Julian Fürmetz, Søren Kold, Nikola Schuster, Florian Wolf, Peter Helmut Thaller	12:15 - 12:20 GRADUAL ULNAR LENGTHENING BY ILIZAROV RING FIXATOR FOR CORRECTION OF MASADA IIB FOREARM DEFORMITY WITHOUT TUMOR EXCISION IN MULTIPLE HEREDITARY EXOSTOSIS, PRELIMINARY RESULTS (525) Amin Ahmed	12:15 - 12:20 THE INNOVATIVE APPLICATION OF CHINESE-MADE ILIZAROV EXTERNAL FIXATOR IN THE TREATMENT OF FOOT-ANKLE DEFORMITY (273) Xuejian Zheng, Sihe Qin, Lei Shi
	12:22 - 12:27 TEMPORARY HEMIEPIPHYSECTOMY IN THE TREATMENT OF AXIAL DEVIATIONS AROUND THE KNEE AND ANKLE IN MULTIPLE OSTEOCHONDROMAS (494) Anne Berg Breen, Andreas Knaus, Stefan Huhnstock, Harald Steen, Ivan Hvid, Joachim Horn	12:22 - 12:27 A MODIFIED MASQUELET TECHNIQUE FOR THE FOREARM INFECTED SEGMENTAL BONE LOSS (270) Ahmad Allam	12:22 - 12:27 CORRECTION OF LOWER LIMB DEFORMITIES USING ORTHO-SUV FRAME (487) Ahmed Hammouda, Ibrahim Moustafa, Leonid Solomin, Victor Vilensky, John Herzenberg	12:22 - 12:27 PREDICTORS OF SUCCESSFUL LIMB SALVAGE FOR PATIENTS WITH CHRONIC OSTEOMYELITIS OF THE TIBIA AND ANKLE (41) Austin Fragomen, Aaron Lam, Shawn Richardson, Michael Henry, Andrew Miller, S. Robert Rozbruch	12:22 - 12:27 A 3-STAGE ANKLE DISTRACTION PROTOCOL FOR ANKLE ARTHRITIS IN YOUNG ADULTS (162) Hisham Shalaby
	12:29 - 12:34 A COMPREHENSIVE REVIEW OF HEMIHYPERTROPHIES (536) Binu Kurian, Praveen Jose, Andrew Hannah, Steve N Giles, James Alfred Fernandes	12:29 - 12:34 COMPLEX PROXIMAL TIBIAL FRACTURES TREATED WITH CIRCULAR FRAMES- A 17 YEAR SERIES (483) Caroline Cheadle, Simon Britten, Patrick Foster, Martin Taylor, Paul Harwood, Christopher Lewis	12:29 - 12:34 AESTHETIC SURGERY OF LEGS; THE JUNCTION OF AESTHETIC AND ORTHOPAEDIC PROBLEMS (456) Arshak Mirzoyan, Garsevan Malkhasyan, Garegin Zurnachyan	12:29 - 12:34 THE TREATMENT OF OSTEOMYELITIS USING ALPHA-TRICALCIUM PHOSPHATE IMPREGNATED WITH ANTIBIOTICS (93) Hidegori Matsubara, Shuhei Ugaji, Tomo Hamada, Toshifumi Hikichi, Hiroyuki Tsuchiya	12:29 - 12:34 SUBTALAR ARTHROEREISIS FOR TREATMENT OF FLEXIBLE PLANOVALGUS FOOT DEFORMITY IN CHILDREN AND ANALYSIS OF COMPUTER TOMOGRAPHY FINDINGS (448) Sergey Leonchuk, Konstantin Dyachkov, Andrey Neretin, Dmitry Popkov
	12:36 - 12:41 ROTATIONPLASTY FOR SEVERE CONGENITAL FEMORAL DEFICIENCY (364) Corey Fuller, Craig Lichtblau, Dror Paley	12:36 - 12:41 TREATMENT OF DIAPHYSEAL HUMERUS FRACTURES: INTRAMEDULLARY NAILING VERSUS EXTERNAL FIXATION (534) Syed Kamran Ali Shah, Haridimos Tsidakias, Paolo Sciuto, Andrea Biffi, Francesco Guerreschi, Piero Poli	12:36 - 12:41 GIGLI SAW VS. MULTIPLE PERFORATION TECHNIQUE FOR BILATERAL LEG LENGTHENING OSTEOTOMY (332) Daniele Pili, Maurizio Catagni	12:36 - 12:41 AN INVESTIGATION INTO THE COSTS OF TREATING OSTEOMYELITIS IN ENGLAND (524) Jamie Ferguson, Andrew Hotchen, David Stubbs, Martin McNally	12:36 - 12:41 CLINICAL APPLICATION OF BIONIC ORTHOSIS IN FOOT AND ANKLE DEFORMITY (227) Zhang Yunfeng, Xia Hetao
	12:43 - 12:48 CROSS UNION FOR CONGENITAL PSEUDARTHROSIS OF THE TIBIA: 100% UNION; NO REFRACTURES (449) Dror Paley, Anna Hell, David Feldman	12:43 - 12:48 OPEN REDUCTION AND INTERNAL FIXATION WITH LISS PLATE COMPARED WITH CIRCULAR FIXATOR APPLICATION FOR COMPLEX DISTAL FEMORAL FRACTURES (AO/OTA type 33.C3) (493) Francesco Sala	12:43 - 12:48 THE PINS TRIAL – A PROSPECTIVE RANDOMISED CLINICAL TRIAL OF PINSITE CARE IN PATIENTS WITH CIRCULAR FRAMES (268) David Ferguson, Paul Harwood, Victoria Allgar, Anu Roy, Elizabeth Moulder, Patrick Foster, Martin Taylor, Elizabeth Barron, Yvonne Hadland, Hemant Sharma	12:43 - 12:48 HUMERAL LENGTHENING AND PROXIMAL DEFORMITY CORRECTION WITH MONORAIL EXTERNAL FIXATOR IN YOUNG ADULT (15) Qinglin Kang, Hongjiang Ruan	12:43 - 12:48 PERCUTANEOUS FIRST METATARSAL REVERDIN ISHAM OSTEOTOMY WITH BARU PROTECTION SYSTEM (500) Martin Russi, Paola Filomeno, Juan Del Castillo, Agustin Cabrera, Agustin Fischer, Juan Kenny
		12:50 - 12:55 THE TERRORIST ATTACK ON MANCHESTER: LESSONS LEARNED IN A MAJOR TRAUMA CENTRE (357) Amer Shoaib, Jason Wong, Raheel Shariff, Praveen Sardar, Ananth Ebinesan, Adam Reid	12:50 - 12:55 ENHANCEMENT OF BONE REGENERATION WITH THE ACCORDION TECHNIQUE: WHY AND HOW IT WORKS? (377) Gang Li	12:50 - 12:55 ILIZAROV EXTERNAL FIXATION TREATING FOREARM DEFORMITY CAUSED BY MULTIPLE OSTEOCHONDROMA (95) Li Zhang, Sihe Qin, Lei Shi, Quan Wang, Jiancheng Zang, Xuejian Zheng, Xulei Qin, Zhiyu Wang	12:50 - 12:55 CLINICAL RESULTS OF FIBULAR OSTEOTOMY USING ILIZAROV EXTERNAL FIXATOR FOR THE POST-TRAUMATIC ANKLE DISORDER (228) Yukinobu Nishii, Kiyoto Kinugasa, Tsukasa Teramoto, Nobuyuki Takenaka, Tomohiko Asahara, Motoyuki Takaki, Shota Harada, Kazutaka Otsuka

12:15
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13:00

13:00-14:45

LUNCH, EXHIBITION & POSTER VIEWING - HALL 2

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13:30-14:30

HALL 1A	HALL 1B	HALL 1C	ROOM 3A	ROOM 3B
		<p>INDUSTRY SYMPOSIUM</p> <p>OPTIMIZED CABLE BONE TRANSPORT: THE MIAMI RESULTS AND TECHNIQUES</p> <p>Dr. Stephen Quinnan, Associate Professor University of Miami</p> <p>Smith & Nephew is delighted to host a lunch-time spotlight session with Dr. Stephen Quinnan from the University of Miami to discuss how he has optimized the Cable Bone Transport surgical technique to show a reduction in frame time and an increase in Bone Healing index for multi-focal bone transports. Dr. Quinnan joined the BLRS meeting in 2017 to share his interim results, and this session will provide an excellent follow-up to his results two years on, with over fifty patients now treated using the technique.</p>	<p>INDUSTRY SYMPOSIUM</p> <p>COMPUTER-ASSISTED PREOPERATIVE PLANNING AND POSTOPERATIVE MONITORING - HEX-RAY™ IN PAEDIATRIC DEFORMITY CORRECTION</p> <p>Dr. M. Samchukov Dr. A. Cherkashin Dr. E. Moulder</p>	<p>INDUSTRY SYMPOSIUM</p> <p>AN INNOVATIVE INTRAMEDULLARY NAILING SYSTEM TO CORRECT PAEDIATRIC PROXIMAL FEMUR DEFORMITIES, CLINICAL CASES, PRACTICAL SESSION ON DERONA 360</p> <p>Prof. Dr. Hakan Şenaran Dr. Murat Oto Dr. Ozan Ali Erdal</p> <p>Proximal Femoral Anatomy and Vascularisation DERONA Technical Features Surgical Technique Case Examples: Postoperative Regimen</p>

14:45 - 15:30

SYMPOSIA (LIMB LENGTHENING)	SYMPOSIA (NONUNION)	SYMPOSIA (UPPER LIMB)	FREE PAPERS	FREE PAPERS
<p>Moderators: Nuno Craveiro Lopes / Gavin De Kiewiet</p> <p>14:45 - 14:57 LENGTHENING OVER NAIL (LON) VERSUS INTRAMEDULLARY MAGNETIC NAIL (IMN) FOR LOWER LIMB LENGTHENING Alejandro Baar (Chile)</p>	<p>Moderators: Robert Rozbruch / Badri Narayan</p> <p>14:45 - 14:57 DEAD OR ALIVE? USE OF INDOCYANINE GREEN FLUORESCENCE FOR ASSESSMENT OF VITALITY IN NON-UNION Emiliano Malagoli (Italy)</p>	<p>Moderators: Leo Donnan / Hiroyuki Tsuchiya</p> <p>14:45 - 14:57 THE INVOLVEMENT OF THE ELBOW AND FOREARM IN MULTIPLE OSTEOCHONDROMATA (MO)- A 20 YEAR LONG- COLLABORATION AT THE OLVG IN AMSTERDAM Konrad Mader (Germany)</p>	<p>Moderators: Roberto Guarniero / Paul Harwood</p> <p>14:45 - 14:50 3D SUV-POLYGON PLANNER – NEW SOLUTION FOR LONG BONE DEFORMITY CORRECTION PLANNING (267) Leonid Solomin, Alexander Utechin, Victor Vilensky</p>	<p>Moderators: Ghassan Salemeah / Patrick Foster</p> <p>14:45 - 14:50 PRELIMINARY RESULTS OF PHYSIOLYSIS AND VICKER'S LIGAMENT EXCISION OF MADELUNG DEFORMITY IN LÉRI-WEILL DYSCHONDROSTEOSIS (426) Sanjay Chibbule, Binu Kurian, Timothy Nunn, James Fernandes</p>
<p>Discussion (3 minutes)</p>	<p>Discussion (3 minutes)</p>	<p>Discussion (3 minutes)</p>	<p>14:52 - 14:57 WIRE TENSION OF RUSSIAN MANUAL TECHNIQUE (200) Yohei Yanagisawa, Daisuke Nozawa, Ryosuke Tsutsumi, Takahiro Sunami, Takushi Nakatani, Yusuke Eda, Hiroki Ito</p>	<p>14:52 - 14:57 INFLUENCE INSTABILITY OF DISTAL FIBULA AND DEFORMITIES OF DISTAL TIBIA FOR RATE OF REFRACTURES IN CHILDREN WITH CONGENITAL PSEUDARTHROSIS OF TIBIA (323) Ekaterina Zakharyan</p>
<p>15:00 - 15:12 DELAY IN THE MATURITY OF THE CALLUS OF DISTRACTION - PROBLEM SOLVING AND WHAT TO DO León Mora (Colombia)</p>	<p>15:00 - 15:12 CHIPPING TECHNIQUE FOR NONUNION WITH/WITHOUT DEFORMITY Takashi Matsushita (Japan)</p>	<p>15:00 - 15:12 THE HINGED ELBOW FIXATOR CONCEPT- A CRITICAL ANALYSIS OF 1225 CONSECUTIVE CASES Konrad Mader (Germany)</p>	<p>14:59 - 15:04 MODERN MEASUREMENT TECHNIQUES OF THE HEXAPOD MOUNTING PARAMETERS (151) Alexander Cherkashin, Casie Blanton, Mikhail Samchukov, Meghan Wassell</p>	<p>14:59 - 15:04 COMBINATION OF INTRAMEDULLARY ROD, WRAPPING BONE GRAFTING AND ILIZAROV'S FIXATOR FOR THE TREATMENT OF CRAWFORD TYPE IV CONGENITAL PSEUDARTHROSIS OF THE TIBIA: MID-TERM FOLLOW UP OF 68 CASES (467) Haibo Mei, Yaoxi Liu</p>
<p>Discussion (3 minutes)</p>	<p>Discussion (3 minutes)</p>	<p>Discussion (3 minutes)</p>	<p>15:06 - 15:11 THE ROLE OF FREE NONVASCULARIZED FIBULAR GRAFT IN THE INDUCED MEMBRANE TECHNIQUE TO MANAGE BONE DEFECTS (115) Barakat El-Alfy</p>	<p>15:06 - 15:11 APPLICATION OF "3-IN-1 OSTEOSYNTHESIS" IN THE COMBINED SURGICAL TECHNIQUE FOR THE TREATMENT OF CONGENITAL PSEUDARTHROSIS OF THE TIBIA IN CHILDREN (452) JiangYan Wu, Haibo Mei</p>
<p>15:15 - 15:27 'DECISIONAL AUTHORITY' AND COMPLIANCE IN COSMETIC LIMB LENGTHENING: A REVERSE PATIENT-CONSULTANT ROLE? Jean-Marc Guichet (France)</p>	<p>15:15 - 15:27 NAIL VERSUS EXTERNAL FIXATOR FOR TIBIAL NON-UNION POST INTRAMEDULLARY NAILING Hamish Simpson (UK)</p>	<p>15:15 - 15:27 THE MISSED CHRONIC MONTEGGIA PATHOLOGY: DIAGNOSIS, COUNSELLING AND TREATMENT ALGORITHM Konrad Mader (Germany)</p>	<p>15:13 - 15:18 MASQUELET TECHNIQUE: ANALYSIS OF CLINICAL FAILURE (356) Nabil Elmoghazy, Mohamed El-Gebeily, Barakat El-Alfy</p>	<p>15:13 - 15:18 COMPLEX RADIOLOGICAL FINDINGS IN CONGENITAL PSEUDARTHROSIS OF THE TIBIA (35) Konstantin Diachkov, Galina Diachkova, Dmitri Borzunov</p>



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	Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	<p>15:20 - 15:25 REVERSE DYNAMIZATION ACCELERATED BONE HEALING IN A LARGE ANIMAL OSTEOTOMY MODEL (174) Mikhail Samchukov, Christopher Lobst, Alex Cherkashin, Vaida Glatt, Anna Woloszyk, Satbir Singh</p>	<p>15:20 - 15:25 DIFFERENCE BETWEEN WHITE-MENELAUS AND ANDERSON-GREEN PREDICTIONS OF GROWTH REMAINING IN THE DISTAL FEMUR AND PROXIMAL TIBIA (153) Marina Makarov, Taylor Jackson, Chan-Hee Jo, John Birch</p>
	SYMPOSIA (PAEDIATRIC)	SYMPOSIA (FOOT AND ANKLE)	SYMPOSIA (BONE INFECTION)	FREE PAPERS	FREE PAPERS
	<p>Moderators: José Carlos Bongiovanni / James Fernandes</p> <p>15:30 - 15:42 LIMB LENGTHENING WITH INTRAMEDULLARY MAGNETIC NAIL AFTER SUPERHIP: THE SEVILLE EXPERIENCE Javier Downey-Carmona (Spain)</p>	<p>Moderators: Mehmet Kocaoglu / Mohamed Fadel</p> <p>15:30 - 15:42 MANAGEMENT OF DIABETIC CHARCOT FOOT USING RING EXTERNAL FIXATOR YuHan Chee (Singapore)</p>	<p>Moderators: Raul Mora / Hamish Simpson</p> <p>15:30 - 15:42 MODULATION OF THE MICROENVIRONMENT OF THE INFECTION Halil Balci (Turkey)</p>	<p>Moderators: Gamal Hosny / Milorad Mitkovic</p> <p>15:30 - 15:35 PREVENTIVE FASCIOTOMY OF THE ANTERIOR COMPARTMENT OF THE LOWER LEG: EFFECT ON STRENGTH AND RANGE OF MOTION OF DORSIFLEXION OF THE FOOT (328) Nikolaus Degen, Tobias Randeu, Katrin Hilpert, Florian Wolf, Julian Fürmetz, Ekkehard Euler, Peter H Thaller</p> <p>15:37 - 15:42 MEDIAL SUBMUSCULAR PLATING OF THE FEMUR AFTER LIMB LENGTHENING AND CORRECTION WITH FRAME IN PATIENTS WITH LIMB LENGTH DISCREPANCY AND/OR ANGULAR DEFORMITY (219) Ning Li, Lei Huang, Shengsong Yang, Xing Teng, Tao Wang</p> <p>15:44 - 15:49 EFFECTS OF PHYSICAL SHAPES OF β-TRICALCIUM PHOSPHATE (β-TCP) SCAFFOLDS ON BONE FORMATION DURING DISTRACTION OSTEOGENESIS TREATMENT (275) Pan Qi, Li Gang</p> <p>15:51 - 15:56 OUTCOME OF ADOLESCENT FEMORAL LENGTHENING USING THE PRECICE INTRAMEDULLARY LIMB LENGTHENING SYSTEM (88) Joseph McKay, Anna Timms, Tracy Roskrow, Sharon Fugazzotto, Penina Edet, David Goodier, Peter Calder</p> <p>15:58 - 16:03 EVALUATION OF FORCES AND STRESSES TRANSMITTED BY THREADED RODS FOR ILIZAROV EXTERNAL FIXATORS (9) Piotr Morasiewicz, Bartosz Martyniuk, Mirosław Kulej, Szymon Łukasz Dragan, Maciej Dejneka, Szymon Feliks Dragan, Jarosław Filipiak</p> <p>16:05 - 16:09 CONSECUTIVE LIMB LENGTHENING WITH THE SAME PRECICE NAIL: A CASE SERIES (513) Rajan Jandoo, Anna Timms, Sharon Fugazzotto, Peter Calder, David Goodier</p>	<p>Moderators: Walter Targa / Gang Li</p> <p>15:30 - 15:35 REDUCING MOTION ARTEFACT IN PAEDIATRIC LIMB LENGTH EOS @ FILMS (533) Neil Segaren, Maria Tennyson, David Lin, Nicholas Segaren, Gavin Spence, Deborah Eastwood, Yaser Jabbar</p> <p>15:37 - 15:42 THE EFFECT OF HALF-PIN AND WIRE CONFIGURATION ON ILIZAROV FRAME MECHANICAL PERFORMANCE (347) Paul Harwood, Thomas Reynolds, Akash Dharni, Haris Naseem, Matthew Pallett, Todd Stewart</p> <p>15:44 - 15:49 DESIGN AND PRODUCTION OF AN ATTACHABLE CONTINUOUS PASSIVE MOTION DEVICE TO A HINGED ILIZAROV ELBOW FIXATOR (163) Juanito Javier, Jose Mari Dychioco</p> <p>15:51 - 15:56 INTERLEUKIN-1 BETA GENE POLYMORPHISM RS16944 MAY ASSOCIATE WITH INCREASED SUSCEPTIBILITY TO EXTREMITY CHRONIC OSTEOMYELITIS IN CHINESE HAN POPULATION (111) Yan-Jun Hu, Zi-Long Yao, Qing-Rong Lin, Yi-Long Hou, Yun-Fei Ma, Bin Yu, Nan Jiang</p> <p>15:58 - 16:03 RECONSTRUCTION OF EXTENSIVE LONG BONE DEFECTS BY RADIAL DISTRACTION OSTEOGENESIS AND TRANSPLANTATION OF THE ENHANCED FIBULA (220) Peter Helmut Thaller, Andreas Bachmeier, Rainer Bader, Matthias Millitz, Markus Öhlbauer, Ulrich Schreiber</p> <p>16:05 - 16:09 END POINT FIRST (EPF) PLANNING: AN UNIVERSAL METHOD FOR PREOPERATIVE PLANNING IN DEFORMITY CORRECTION PROCEDURES (157) Florian Wolf, Julian Fürmetz, Nikolaus Degen,</p>
	Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)		
15:30 - 16:15	<p>15:45 - 15:57 TRANSOSSEUS OSTEOSYNTHESIS VS INTERNAL FIXATION VS GUIDED GROWTH IN TREATMENT OF PAEDIATRIC LONG BONE DEFORMITIES Victor Vilensky (Russia)</p>	<p>15:45 - 15:57 UPDATE ON THE USE OF HEXAPOD FIXATORS IN ADULTS WITH CAVUS FEET Franz Birkholtz (South Africa)</p>	<p>15:45 - 15:57 SEGMENT TRANSPORT FOLLOWING RESECTION Levent Eralp (Turkey)</p>		
	Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)		
	<p>16:00 - 16:12 TELESCOPIC NAILING FOR ACUTE CORRECTION IN PAEDIATRIC PATIENTS Ozan Ali Erdal (Turkey)</p>	<p>16:00 - 16:12 THE ILIZAROV FRAME IN CORRECTION OF CAVUS DEFORMITIES-IS IT STILL THE GOLD STANDARD WORLDWIDE? Milind Chaudhary (India)</p>	<p>16:00 - 16:12 ACUTE COMPRESSION AND DISTRACTION FOLLOWING RESECTION Cengiz Sen (Turkey)</p>		
	Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)		

WEDNESDAY / 28 AUG. / CONGRESS DAY ONE

HALL 1A	HALL 1B	HALL 1C	ROOM 3A	ROOM 3B
SYMPOSIA (PAEDIATRIC)	SYMPOSIA (FOOT AND ANKLE)	SYMPOSIA (BONE INFECTION)	FREE PAPERS	FREE PAPERS
Moderators: Reggie Hamdy / Milud Shadi	Moderators: Saw Aik / Walter Targa	Moderators: Milind Chaudhary / Cengiz Sen	Moderators: Henrik Lundblad / Leo Donnan	Moderators: Jean-Marc Guichet / Kiran Saldanha
16:45 - 16:57 INFLUENCE INSTABILITY OF DISTAL FIBULA AND DEFORMITIES OF DISTAL TIBIA FOR RATE OF REFRACTURES IN CHILDREN WITH CONGENITAL PSEUDARTHROSIS OF TIBIA Ekaterina Zakharyan (Russia)	16:45 - 16:57 RECONSTRUCTION OF CHARCOT FOOT Gonzalo Bastias (Chile)	16:45 - 16:57 ANTIBIOTIC TREATMENT FOR FRACTURE RELATED INFECTION AND CHRONIC OSTEOMYELITIS Hamish Simpson (UK)	16:45 - 16:50 A COMPARISON OF TIBIA LENGTHENING TECHNIQUES: INTERNAL LENGTHENING, LENGTHENING AND THEN NAILING AND CLASSIC ILIZAROV (25) S.Robert Rozbruch, Tom Falls, Austin Fragomen	16:45 - 16:50 PLATE ASSISTED BONE SEGMENT TRANSPORT (PABST) WITH MOTORIZED LENGTHENING NAILS AND LOCKING PLATES - A TECHNIQUE TO TREAT FEMORAL AND TIBIAL BONE DEFECTS - AND A REVIEW OF 9 CASES (208) Ulrik Käher Olesen, Tobias Nygaard, Matthew P Gardner, Upender M Singh, Daniel E Prince, Martin McNally, Connor Green, John E. Herzenberg
Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	16:52 - 16:57 EFFECT OF LENGTHENING RHYTHM TO THE QUALITY OF CALLUS AND COMPLICATIONS IN PATIENTS WITH CONGENITAL SHORT LIMB (316) Halil Ibrahim Balci, Serkan Bayram, Melih Civan, Tuna Pehlivanoglu, Levent Eralp, Cengiz Sen, Mehmet Kocaoglu	16:52 - 16:57 COMPLEX NON-UNION LIMB RECONSTRUCTION OF LONG BONES WITH ILIZAROV METHOD (432) Asadullah Makhdoom, Raheel Akbar, Hamid Raza, Sajjad Ahmed
17:00 - 17:12 EARLY ANKLE STABILIZATION IS CRUCIAL TO PREVENT PROGRESSION IN VERY YOUNG CHILDREN WITH BOYD TYPE V CPT (FIBULAR PSEUDARTHROSIS WITH TIBIAL DYSPLASIA) In-Ho Choi (South Korea)	17:00 - 17:12 CORRECTION OF EQUINOVARUS DEFORMITIES BY TAYLOR SPATIAL FRAME WITHOUT SOFT TISSUE RELEASES OR CORRECTIVE OSTEOTOMIES Mohammed Anter Mesethy (Egypt)	17:00 - 17:12 REVISION ANKLE FUSION WITH INTERNAL FIXATION Venu Kavarthapu (UK)	16:59 - 17:04 COMPARISON BETWEEN THE LENGTHENING OVER NAIL AND LENGTHENING AND THEN PLATING (451) Shengsong Yang, Lei Huang	16:59 - 17:04 INFECTED NON -UNION OF FRACTURE SHAFT OF RADIUS AND ULNA TREATED BY ILIZAROV EXTERNAL FIXATOR (410) Harshad M.Shah, Ashok Kumar Padmanabhan, Godhasiri Ponugoti, Sandesh Patil
Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	17:06 - 17:11 PREVALENCE OF VITAMIN D DEFICIENCY IN ADULT LIMB LENGTHENING PATIENTS (215) John E. Herzenberg, Jessica C. Rivera, Iciar M. Dávila Castrodad, Nequesha S. Mohamed, Noelle C. Digioia, Thea M. Recai, Megha M. Abraham, Jennifer I. Etcheson, Ashwin K. Mahajan	17:06 - 17:11 ILIZAROV PRINCIPLES IN INFECTED NONUNION OF FEMORAL SHAFT FRACTURE (420) Mohamed Fadel, Gamal Hosny
17:15 - 17:27 THE MANAGEMENT OF REFRACTURE AFTER THE SUCCESSFUL INITIAL UNION IN CPT In-Ho Choi (South Korea)	17:15 - 17:27 COMBINED ACUTE AND GRADUAL CORRECTION FOR CAVUS FEET Gamal Hosny (Egypt)	17:15 - 17:27 INFECTED NONUNION AROUND THE ANKLE - IS EXTERNAL FIXATION THE BEST OPTION? Cherian Kovoov (India)	17:13 - 17:18 APPLICATION OF ILIZAROV TECHNIQUE IN CHILDREN UNDER 5 WITH LOWER LIMB DEFORMITIES (12) Jabrayil Alakbarov, Mahir Gulshen, Farhad Verdiyev, Ramiz Bunyatov, Etimad Nabizade	17:13 - 17:18 TRANSARTICULAR BONE TRANSPORTATION AND ARTHRODESIS KNEE USING RAIL FIXATOR FOR INFECTED NONUNION OF DISTAL FEMUR (146) Subrata Basu
Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	17:20 - 17:25 ACONDROPLASIA AFTER THE GLOBAL LIMB LENGTHENING (202) Ignacio Ginebreda, Elena Rodrigo, Nicole Canu, Jordi Tapiolas	17:20 - 17:25 BONE MORPHOGENETIC PROTEINS 2 (BMP-2) VS AUTOGRAFT IN LONG BONE NON-UNIONS. A SYSTEMATIC REVIEW (118) Chun Hong Tang, Shah Jehan, Hemant Sharma

16:45

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17:30



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	HALL 1A	HALL 1B	HALL 1C	ROOM 3A	ROOM 3B
	SYMPOSIA (PAEDIATRIC)	SYMPOSIA (FOOT AND ANKLE)	SYMPOSIA (LIMB LENGTHENING)	FREE PAPERS	FREE PAPERS
	Moderators: Fernando de la Huerta / Mikko Haara	Moderators: Harshad Mohanlal Shah / Om Lahoti	Moderators: Leonid Solomin / Gerald Wozasek	Moderators: Arshak Mirzoyan / Deepa Bose	Moderators: Nazri Mohd Yusof / Mauricio Zuluaga
	17:30 - 17:42 PHYSEAL AND SUBPHYSEAL DISTRACTION OSTEOGENESIS IN ATROPHIC-TYPE CPT WITH PROXIMAL TIBIAL DYSPLASIA In-Ho Choi (South Korea)	17:30 - 17:42 POSSIBLE MECHANISMS OF TIBIAL TRANSVERSE TRANSPORT FOR DIABETIC ULCERS Gang Li (China)	17:30 - 17:42 A PREOPERATIVE PLANNING STRATEGY FOR USING DISTRACTION NAILS Rainer Baumgart (Germany)	17:30 - 17:35 DOSE ADJUSTMENT OF ANTIBIOTIC LOADED CALCIUM SULPHATE IN PATIENTS WITH RENAL FAILURE (362) Louai Abdeh, Syed Haque, Amer Shoaib, Mazen Soufi, Barzo Faris	17:30 - 17:35 TREATMENT OF BONE DEFECT USING EXTERNAL ARC FIXATION SYSTEM SALAMEHFIX (66) Ghassan Salameh, Michael Schmidt
	Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	17:37 - 17:42 RECONSTRUCTION OF POST-INFECTIOUS SEQUELAE OF THE UPPER EXTREMITY (194) Daniel Dungca	17:37 - 17:42 LIMB SALVAGE AFTER GRADE 3C OPEN FRACTURES OF THE LOWER EXTREMITY (59) Emre Ozmen, Ahmet Salduz, Halil Ibrahim Balci, Ibrahim Levent Eralp
17:30 - 18:15	17:45 - 17:57 DEFORMITIES OF FEMUR OF THE AFFECTED LIMB OF CHILDREN WITH CONGENITAL PSEUDARTHROSIS OF TIBIA AS A COMPONENT OF CONGENITAL PATHOLOGY Ekaterina Zakharyan (Russia)	17:45 - 17:57 20-YEAR REVIEW OF ILIZAROV TIBIA TRANSVERSE TRANSPORT Qu Long (China)	17:45 - 17:57 PREVALENCE OF VITAMIN D DEFICIENCY IN ADULT LIMB LENGTHENING PATIENTS John Herzenberg (USA)	17:44 - 17:49 PELVIC SUPPORT OSTEOOTOMY IN TOTAL FAILED HIP PROSTHESIS INFECTED (366) Leon Mora	17:44 - 17:49 INCIDENCE OF DEEP INFECTION IN GRADE 3 OPEN TIBIAL FRACTURES TREATED WITH CIRCULAR FRAMES (361) Ibrahim Natalwala, Cher Bing Chuo, Isla Shariatmadari, Andrew Kilshaw, Muhammad Faheem Khadim, Gavin Barlow, Elizabeth Moulder, Joanna Bates, Hemant Sharma
	Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	17:51 - 17:56 ORGANIZATION OF SPECIALIZED MEDICAL CARE FOR PATIENTS WITH INFECTION IN RISC "RISC" (187) Nikolay Klyushin	17:51 - 17:56 FIX OR FRAME A TYPE C PILON: A MATCHED-PAIR ANALYSIS (529) Nisarg Mehta, Nikhil Lal, Lauren Wells, Nikolaos Giotakis, Selvadurai Nayagam, Badri Narayan
	18:00 - 18:12 EXPERIENCE OF TREATMENT DEFORMITIES OF CHILDREN WITH POSTERIOR-MEDIAL BOWING OF THE LOWER LEGS IN RUSSIA Ekaterina Zakharyan (Russia)	18:00 - 18:12 FOOT AND ANKLE DEFORMITY COMBINED WITH ULCERATION OF SPINA BIFIDA Jiancheng Zang (China)	18:00 - 18:12 BALANCE AND DISTRIBUTION OF LOWER LIMB LOADS AFTER ILIZAROV CORTICOTOMY Piotr Morasiewicz (Poland)	17:58 - 18:03 KNEE ARTHRODESIS WITH CIRCULAR EXTERNAL FIXATION: A RETROSPECTIVE CASE SERIES (348) Ross Muir, Rachael Gruppung, Hemant Sharma	17:58 - 18:03 FRACTURE HEALING IN HIV POSITIVE PATIENTS (523) Simon Graham, Sithombo Maqungo, Maritz Laubscher, Nando Ferreira, Michael Held, Peter MacPherson, David Laloo, Hamish Simpson, William J Harrison
	Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	18:05 - 18:10 TREATMENT OF TIBIAL OSTEOMYELITIS WITH A NAIL WITH A CORE OF CEMENT IMPREGNATED OF ANTIBIOTICS (SAFE DUALCORE NAIL) (428) Nuno Craveiro-Lopes	18:05 - 18:10 STIMULAN® IN THE MANAGEMENT OF HIGH VELOCITY GUNSHOT WOUNDS IN GAZA (310) Shahd Abu Hamad, William Groom, Mohammed Aghaalkurdi, Alexandros Vris



THURSDAY / 29 AUG. / CONGRESS DAY TWO

	HALL 1A	HALL 1B	HALL 1C	ROOM 3A	ROOM 3B
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07:15 REGISTRATION - MAIN ENTRANCE FOYER

08:20-08:25 WELCOME by David Goodier (President, BLRS) - HALL 1A

SPECIAL INTERNATIONAL SYMPOSIUM - HALL 1A

Moderators: Selvadurai Nayagam / Takashi Matsushita

08:30 - 08:50
BIOLOGICAL TREATMENT OF NON-UNION OF LONG BONES
Fernando de la Huerta (Mexico)

08:50 - 09:20 (15 minutes presentation + 15 minutes translation)
THE CLINICAL APPLICATION OF LOWER LEG PERFORATOR FLAPS AND SUPERMICROSURGERY
Yongqing Xu (China)

09:20 - 09:50 (15 minutes presentation + 15 minutes translation)
DIGITAL TECHNIQUES IN COMPLEX LIMB DEFORMITY
Xinlong Ma (China)

	SYMPOSIA (BONE INFECTION)	SYMPOSIA (NONUNION)	SYMPOSIA (FOOT AND ANKLE)	FREE PAPERS	FREE PAPERS
	Moderators: Dror Paley / Milind Chaudhary	Moderators: Konrad Mader / Francisco Javier Downey Carmona	Moderators: Stephen Quinnan / Alwyn Abraham	Moderators: Ignacio Ginebreda / Peter Calder	Moderators: Piotr Morasiewicz / David Feldman
10:10 - 10:22	EVIDENCE-BASED PIN SITE CARE AND THE BRITISH CONSENSUS Simon Britten (UK)	10:10 - 10:22 COMPLICATIONS IN FOREARM NONUNIONS Alexander Kirienko (Italy)	10:10 - 10:22 TREATMENT OF PERITALAR COMPLEX CHARCOT ARTHROPATHY Hani Elmowafi (Egypt)	10:10 - 10:15 RECONSTRUCTION OF ULTRA-MASSIVE DEFECT IN LONG BONE WITH DISTRACTION OSTEOGENESIS (478) Chenghe Qin	10:10 - 10:15 BIOMECHANICAL COMPARISON OF TWO DIFFERENT CONFIGURATIONS OF THE TRUELOK HEX AND TAYLOR SPATIAL FRAME EXTERNAL FIXATORS (502) Franz Birkholtz, Annette-Christi Barnard, Cor-Jacques Kat, Erik Hohmann
Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	10:17 - 10:22 COMBINED BONY AND SOFT TISSUE STABILISATION OF THE HIP IN CONGENITAL FEMORAL DEFICIENCY (444) Ketan Dhital, Stephen Giles, James Fernandes	10:17 - 10:22 MINIMIZING THERMAL DAMAGE DURING CORTICAL BONE DRILLING; AN EXPERIMENTAL OPTIMAL PARAMETERS (390) Hla Moe Thaya, Chan-hee Jo, Christopher Lobst, Alexander Cherkashin, Mikhail Samchukov
10:25 - 10:37	TOWARDS A NEW INTERNATIONAL CONSENSUS IN PIN SITE CARE Hemant Sharma (UK)	10:25 - 10:37 FOREARM NONUNION: TECHNIQUE Daniele Pili (Italy)	10:25 - 10:37 TREATMENT OF PLANTAR CHARCOT FOOT ULCER WITH DEFORMITY Hani Elmowafi (Egypt)	10:24 - 10:29 JOINT ARTHRODESIS WITH ILIZAROV FIXATOR RINGS AFTER CHRONIC PERIPROSTHETIC JOINT INFECTION: A SERIES REPORT OF 4 KNEE, 1 SHOULDER AND 1 ANKLE SUCCESSFUL ARTHRODESIS (156) Tiago Costa, João Carvalho, Jorge Mendes, Nuno Ferreira, José Miradouro	10:24 - 10:29 SCREENING THE PSYCHOLOGICAL WELLBEING OF ILIZAROV FRAME PATIENTS (148) Maria Vincent, Katy Emberton, Nicola Glossop, Nathan Babiker
Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	10:31 - 10:36 VARUS SHIFT OF THE VALGUS KNEE: UNDERESTIMATED OCCURRENCE IN KNEE OSTEOARTHRITIS? BIOMECHANICAL ANALYSIS OF A 52 PATIENT SERIES (42) Giovanni Lovisetti, Ettore Vulcano	10:31 - 10:36 THE IMPACT OF NON-OSTEOGENIC FACTORS ON THE EXPRESSION OF OPG AND RANKL DURING HUMAN FRACTURE HEALING (370) Lukas Zak, Georg Kaiser, Anita Thomas, Kambiz Sarahrudi
10:40 - 10:52	STRATEGIES TO MINIMISE THE RISK OF PIN SITE INFECTION - THE RUSSIAN EXPERIENCE Dmitry Popkov (Russia)	10:40 - 10:52 FOREARM NONUNION: GENERAL CONSIDERATIONS Luigi Lovisetti (Italy)	10:40 - 10:52 ILIZAROV PRINCIPLES IN RELAPSED CLUBFOOT Mohamed Fadel (Egypt)	10:38 - 10:43 TRANSVERSE ACETABULAR PLANE AND VERSION FOLLOWING DEGA LIKE OSTEOTOMY IN TREATMENT OF DDH (445) Roy Gigi, Dominik Lawniczak, Binu T Kurian, Sanjeev S Madan, James A Fernandes	10:38 - 10:43 IS A STAGED RELOADING PROTOCOL FOR REMOVAL OF CIRCULAR FRAME EFFECTIVE? A RETROSPECTIVE ANALYSIS (343) Vilas Narayan Sadekar, Elizabeth Moulder, Yvonne Hadland, Elizabeth Barron, Hemant Sharma
Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	10:45 - 10:50 PROXIMAL TIBIAL OSTEOTOMY FOR GENU VARUM: DEFORMITY CORRECTION WITH PLATE VERSUS EXTERNAL FIXATOR (141) Robert Rozbruch, Ali Mirghasemi, David Zhang, Austin Fragomen	10:45 - 10:50 DEFINITION OF BONE TRANSPORT FROM AN ORTHOPLASTIC PERSPECTIVE (99) Mahmoud El-Rosasy

11:00-11:30 COFFEE, EXHIBITION & POSTER VIEWING - HALL 2



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HALL 1A	HALL 1B	HALL 1C	ROOM 3A	ROOM 3B
<p>SYMPOSIA (NEW ADJUNCTS, TECHNIQUES AND DEVICES)</p> <p>Moderators: Juanito Javier / Richard Montgomery</p> <p>11:30 - 11:42 OSF-M NEW HEXAPODIC SYSTEM FOR FOOT, PEDIATRIC LONG BONE, AND IN VETERINARY DEFORMITIES CORRECTION Leonid Solomin (Russia)</p>	<p>SYMPOSIA (NEW ADJUNCTS, TECHNIQUES AND DEVICES)</p> <p>Moderators: Robert Rozbruch / Lei Huang</p> <p>11:30 - 11:42 PRELIMINARY RESULTS USING PATIENT SPECIFIC 3D PRINTED TITANIUM CAGES FOR THE RECONSTRUCTION OF MASSIVE FEMORAL BONE LOSS Kevin Tetsworth (Australia)</p>	<p>SYMPOSIA (PAEDIATRIC)</p> <p>Moderators: John Herzenberg / Søren Kold</p> <p>11:30 - 11:42 BONY BAR EXCISION : INDICATIONS AND NEW TECHNIQUES Reggie Hamdy (Canada)</p>	<p>FREE PAPERS</p> <p>Moderators: Raul Mora / Badri Narayan</p> <p>11:30 - 11:35 TREATMENT OF PARALYTIC (MYELOMENINGOCELE) VALGUS ANKLE DEFORMITY WITH FIBULAR LENGTHENING (315) Mohamed Hussein, Gamal Hosny</p>	<p>FREE PAPERS</p> <p>Moderators: Hiroyuki Tsuchiya / Nikolaos Giotakis</p> <p>11:30 - 11:35 CIRCULAR EXTERNAL FIXATION AS AN ALTERNATIVE METHOD OF STABILIZATION OF EXTRAARTICULAR TIBIA FRACTURES IN THE ELDERLY POPULATION (17) Giovanni Lovisetti, Ettore Vulcano, Francesco Sala, Lorenzo Bettella</p>
Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	<p>11:37 - 11:42 TERAMOTO DISTAL TIBIAL OBLIQUE OSTEOTOMY(IDT00) AND TIBIAL CONDYLAR VALGUS OSTEOTOMY(TCVO) SURGICAL TECHNIQUE AND APPLICABILITY FOR ANKLE OSTEOARTHRITIS WITH VARUS DEFORMITY INTRA-ARTICULAR OSTEOTOMY (431) Shota Harada, Tsukasa Teramoto</p>	<p>11:37 - 11:42 DEEP BONE INFECTION IN GUSTILO ANDERSON GRADE III OPEN TIBIAL FRACTURES: COMPARATIVE STUDY OF CIRCULAR FRAME FIXATION VS INTRAMEDULLARY NAILING (360) Ibrahim Natalwala, Cher Bing Chuo, Isla Shariatmadari, Andrew Kilshaw, Muhammad Faheem Khadim, Gavin Barlow, Elizabeth Moulder, Joanna Bates, Hemant Sharma</p>
<p>11:45 - 11:57 COMPLETE COMMON PERONEAL NERVE NEUROTOMY BEFORE ACUTE CORRECTIONS OF DEFORMITIES IN THE PROXIMAL TIBIA Ahmed Elsheikh (Egypt)</p>	<p>11:45 - 11:57 MESENCHYMAL STEM CELLS IN BONE REGENERATION Mi Hyun Song (Korea)</p>	<p>11:45 - 11:57 ALGORITHM FOR THE MANAGEMENT OF PARTIAL GROWTH PLATE ARREST Reggie Hamdy (Canada)</p>	<p>11:44 - 11:49 SURGICAL TREATMENT OF HIP LESIONS IN MULTIPLE EPIPHYSEAL DYSPLASIA AND PSEUDOACHONDROPLASIA: LONG-TERM CLINICAL AND RADIOLOGICAL RESULTS (250) Aurélië Andrzejewski, Georges Finidori, Zagorka Péjin Arroyo, Alina Badina, Philippe Wicart, Christophe Glorion</p>	<p>11:44 - 11:49 LEADING THE WAY IN ORTHOPAESTIC CARE IN NORTHERN IRELAND (499) Mark Robinson, Gavin Baker, Brendan Gallagher, Michael McBride, Matthew Wong, Shakeel Dustagheer, Niall Breen</p>
Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	<p>11:51 - 11:56 APPLICATION IN THE EVALUATION OF FRACTURE HEALING STIFFNESS BY AXIAL LOAD-SHARE RATIO IN TIBIOFIBULAR FRACTURE WITH TAYLOR SPATIAL FRAME (302) Wan Chunyou Wan, Wang Mingjie Wang</p>	<p>11:51 - 11:56 ILIZAROV BONE TRANSPORT FOR THE TREATMENT OF SEGMENTAL TIBIAL BONE DEFECT (392) Nazri Mohd Yusof, Ahmad Fadzli Sulong, Nik Alyani Nik Abdul Adil</p>
<p>12:00 - 12:12 WIRE TECHNIQUE FOR ISCHAEMIC DISEASE OF LOWER LIMBS Mofakhharut Bari (Bangladesh)</p>	<p>12:00 - 12:12 MESENCHYMAL STEM CELLS FOR NON UNION: AUTOGENIC OR ALLOGENIC? BONE MARROW, ADIPOSE OR UMBILICAL CORD DERIVED? Ismail H Dilogo (Indonesia)</p>	<p>12:00 - 12:12 WHAT ARE THE INDICATIONS FOR GRADUAL CORRECTION OF DEFORMITIES POST GROWTH PLATE INJURIES Hemant Sharma (UK)</p>	<p>11:58 - 12:03 TREATMENT OF HIGH-ENERGY TIBIAL PLATEAU FRACTURES BY THE ILIZAROV CIRCULAR FIXATOR (16) Osman Mohamed</p>	<p>11:58 - 12:03 APPLICATION OF TAYLOR SPATIAL FRAME IN THE TREATMENT OF INTERMEDIATE OR DISTAL TIBIOFIBULA FRACTURES (295) Ningning Zhang, Chunyou Wan, Mingjie Wang</p>
Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	<p>12:05 - 12:10 TREATMENT OF FEMORAL LENGTHENING-RELATED KNEE STIFFNESS WITH MINIMAL-INCISION LIMITED QUADRICEPS PLASTY (262) Hengsheng Shu, Bowen Shi, Kegang Zhang, Xu Chen</p>	<p>12:05 - 12:10 THE ASSOCIATION OF SOCIOECONOMIC DEPRIVATION AND PAEDIATRIC OPEN TIBIA FRACTURES (335) William Harrison, Yuen Carol Chan, Leroy James, Selvadurai Nayagam</p>

11:30
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12:15



THURSDAY / 29 AUG. / CONGRESS DAY TWO

	HALL 1A	HALL 1B	HALL 1C	ROOM 3A	ROOM 3B
	<p>FREE PAPERS Moderators: Alwyn Abraham / Yeok Pin Chua</p> <p>12:15 - 12:20 APPLICATION OF ARTIFICIAL INTELLIGENCE IN LOWER LIMB DEFORMITY ANALYSIS AND PREOPERATIVE PLANNING (201) Adem Fatih Goksu, Okan Kopuklu, Halit Murat Gursu, Peter H. Thaller</p> <p>12:22 - 12:27 EXTRACORTICAL CLAMP DEVICE: THE EXPANSION OF THE POSSIBILITIES OF COMBINED AND SEQUENTIAL USE OF EXTERNAL FIXATION AND NAILING (512) Elena A. Shchepkina, Leonid N. Solomin, Konstantin L. Korchagin, Fanil K. Sabirov, Ivan V. Lebedkov</p> <p>12:29 - 12:34 SIMULTANEOUS CORRECTION OF MULTI-APEX DEFORMITY BY ONE ORTHOPAEDICS HEXAPOD – THIS IS POSSIBLE (515) Leonid N. Solomin, Elena A. Shchepkina, Konstantin L. Korchagin, Fanil K. Sabirov, Akram Alhalqi</p> <p>12:36 - 12:41 CASE-MATCHED CONTROLLED COMPARISON OF BONE TRANSPORT OVER THE NAIL VERSUS BONE TRANSPORT OVER THE PLATE FOR SEGMENTAL BONE DEFECTS OF THE TIBIA (124) Kyeong-Hyeon Park, Chang-Wug Oh, Il Seo</p> <p>12:43 - 12:48 THE USE OF INDIVIDUAL TEMPLATES FOR CORRECTIVE OSTEOTOMY OF THE LONG BONES (430) Anastasia Filippova, Leonid Solomin, Victor Vilenskiy, Maksim Baushev</p> <p>12:50 - 12:55 SIMULTANEOUS MULTILEVEL ACUTE CORRECTIONS OF DEFORMITIES IN THE LOWER LIMB (314) Ahmed A. Elsheikh, Philippa Thorpe, Selvadurai Nayagam</p>	<p>FREE PAPERS Moderators: Sanjeev Madan / Saw Aik</p> <p>12:15 - 12:20 LONG-TERM ALIGNMENT AFTER BALANCED CABLE TRANSPORT WITH CIRCULAR EXTERNAL FIXATION AND THEN NAILING FOR SEGMENTAL TIBIA BONE DEFECTS (402) Stephen Quinnan, Roberto Hernandez-Irizarry</p> <p>12:22 - 12:27 SINGLE VERSUS DOUBLE-LEVEL CORTICOTOMY FOR THE TREATMENT OF SEGMENTAL TIBIA BONE DEFECTS USING THE BALANCED CABLE TRANSPORT AND THEN NAILING METHOD (403) Stephen Quinnan, Roberto Hernandez-Irizarry</p> <p>12:29 - 12:34 SURFACE IMMOBILIZATION OF BIPHASIC CALCIUM PHOSPHATE NANOPARTICLES ON 3D PRINTED POLY(CAPROLACTONE) SCAFFOLDS ENHANCES OSTEOGENESIS AND BONE TISSUE REGENERATION (160) Jong Hyeop Song, Hae-Ryong Song, Hyun Woo Cho, An Seoung Chang, Mi Hyun Song</p> <p>12:36 - 12:41 GRADUAL CORRECTION OF LOWER LIMB ANGULAR DEFORMITIES USING UNILATERAL MITKOVIC TYPE EXTERNAL FIXATOR (509) Milan Mitkovic, Sasa Milenkovic, Milorad Mitkovic</p> <p>12:43 - 12:48 ARTICULATED EXTERNAL FIXATION IN COMPLEX ARTICULAR FRACTURES USING ORIGINAL METHOD AND DEVICE (437) Milorad Mitkovic, Sasa Milenkovic, Ivan Micic, Milan Mitkovic</p> <p>12:50 - 12:55 THE PELVIC SUPPORT PLATE - A NEW DEVICE FOR REDUCTION OF PROXIMAL MIGRATED THIGH WITH A DISTRACTION NAIL PRIOR ARTHROPLASTY IN CASES OF HIP DYSPLASIA (442) Rainer Baumgart, Stefan Horn, Werner Ploetz</p>	<p>FREE PAPERS Moderators: Eitan Segev / Austin Fragomen</p> <p>12:15 - 12:20 LONGITUDINAL OVERGROWTH OF THE FEMUR STIMULATED BY A SHORT-LEG AMBULATION IN CHILDREN (103) Mahmoud El-Rosasy, Ashraf Khanfour</p> <p>12:22 - 12:27 CONGENITAL PSEUDARTHROSIS OF THE TIBIA: RESULTS OF CIRCULAR EXTERNAL FIXATION TREATMENT WITH INTRAMEDULLARY RODDING AND PERIOSTEAL GRAFTING TECHNIQUE (90) Melih Civan, Mehmet Kocaoglu, Levent Eralp, Fikri Erkal Bilen</p> <p>12:29 - 12:34 INTRAARTICULAR DOUBLE LEVEL OSTEOTOMY IN TREATMENT OF SEVERE BLOUNTS DISEASE, FIVE YEARS FOLLOW UP (537) Mohamed Fathy Elkhososi</p> <p>12:36 - 12:41 THE CLAMSHELL OSTEOTOMY TECHNIQUE WITH INTRAMEDULLARY TELESCOPIC NAILING FOR DEFORMITY CORRECTION AND STABILIZATION IN OSTEOGENESIS IMPERFECTA, A LONG TERM FOLLOW UP (547) Mohamed Fathy Elkhososi</p> <p>12:43 - 12:48 DELAYED PRESENTING CAST RESISTANT CLUBFOOT TRIAL: TRIPLE ARTHRODESIS VS ILIZAROV SOFT TISSUE DISTRACTION (213) Timothy Nunn, Tsion Tesfaye, Mesfin Kassahun, Tewodros Zerfu, Richard Gardner, Andrew Wainwright, Christopher Lavy</p> <p>12:50 - 12:55 REASONS FOR FAILURE OF GUIDED GROWTH: A CONSECUTIVE SERIES OF PATIENTS WITH LOWER LIMB ANGULAR DEFORMITY TREATED WITH '8' PLATE HEMIEPIPHYSIODESIS (214) Timothy Nunn, Mesfin Kassahun, Tewodros Zerfu, Richard Gardner, Nardos Worku</p>	<p>FREE PAPERS Moderators: Mauricio Zuluaga / Dimuthu Tennakoon</p> <p>12:15 - 12:20 QUALITY OF LIFE OUTCOMES FOR PATIENTS TREATED WITH CIRCULAR FRAME FOR DISTAL TIBIA FRACTURES: A RETROSPECTIVE ANALYSIS OF A PROSPECTIVE REGISTRY (551) V.Sadekar, D Ferguson, E Moulder, E Barron, Y Hadland, H K Sharma</p> <p>12:22 - 12:27 ORTHOPLASTIC MANAGEMENT OF OPEN TIBIAL FRACTURES IN CHILDREN: THREE YEAR EXPERIENCE FROM A MAJOR TRAUMA CENTRE, WITH A MINIMUM OF 12 MONTHS FOLLOW UP (286) Fergal Monsell, James Smith, Claire Fox, Anna Clarke, Tom Wright Umraz Khan</p> <p>12:29 - 12:34 USEFULNESS OF TEMPORARY EXTERNAL FIXATION (MAKINO TRACTION) FOR ANKLE FRACTURES (506) Yasuhiro Kashima, Motoyuki Takaki, Shota Harada, Tomohiko Asahara, Narutaka Kato, Nobuyuki Takenaka, Tsukasa Teramoto, Takashi Matsusita</p> <p>12:36 - 12:41 SHORTENED REPLANTATION FOLLOWING GRADUAL LENGTHENING IN LOWER LIMB AMPUTATION INJURY (296) Tae-Young Ahn, Yong-Geon Park, Hui-Taek Kim, Han-Eol Seo</p> <p>12:43 - 12:48 PROXIMAL TIBIAL OSTEOTOMY FIXED WITH A SMALL MONOLATERAL EXTERNAL FIXATOR FOR CORRECTION OF ANGULAR DEFORMITY IN YOUNG CHILDREN (300) Chaemoon Lim, Chang Ho Shin, Won Joon Yoo, Tae-Joon Cho</p> <p>12:50 - 12:55 ILIZAROV APPARATUS FOR MANAGING SEVERE TYPES OF PERTHES' DISEASE (64) Mikhail Teplenkiy</p>	
<p>12:15 - 13:00</p>					
<p>13:00-14:45</p>	<p>LUNCH, EXHIBITION & POSTER VIEWING - HALL 2</p>				

THURSDAY / 29 AUG. / CONGRESS DAY TWO

	HALL 1A	HALL 1B	HALL 1C	ROOM 3A	ROOM 3B
13:30-14:30		<p>INDUSTRY SYMPOSIUM</p> <p>INTRODUCTION TO MAXFRAME 3D – MULTI-AXIAL CORRECTION SYSTEM</p> <ul style="list-style-type: none"> • Hardware description • MAXFRAME 3D (web based) software • Perspective Frame Matching (PFM) • Clinical Cases • Question and Answers <p>Mr. Om Lahoti (UK)</p>	<p>INDUSTRY SYMPOSIUM</p> <p>UPDATE ON PRECICE® TECHNOLOGY:</p> <p>13:30 - 13:40 Welcome and Introduction 13:40 - 14:00 Early experience with Precice® Stryde technology 14:00 - 14:20 Experience with Precice® in paediatrics</p> <p>Faculty: Mr. Peter Calder (UK) Dror Paley, MD, FRCSC (USA)</p>	<p>INDUSTRY SYMPOSIUM</p> <p>COMPUTER-ASSISTED PREOPERATIVE PLANNING AND POSTOPERATIVE MONITORING – HEX-RAY™ IN POST-TRAUMATIC LIMB RECONSTRUCTION</p> <p>Dr. F. Birkholtz Prof. N. Ferreira Prof. H. Sharma</p>	<p>INDUSTRY SYMPOSIUM</p> <p>EARLY EXPERIENCE OF A LATE ADOPTER Mr. Martin Taylor Leeds General Infirmary, Leeds</p> <p>EXTENDING USE OF CERAMENT® Mr. Will Eardley James Cook Hospital, Middlesbrough</p> <p>RADIOGRAPHIC AND HISTOLOGICAL ANALYSIS OF A SYNTHETIC BONE GRAFT SUBSTITUTE ELUTING GENTAMICIN Mr. Jamie Ferguson Oxford Bone Infection Unit, Oxford</p>
14:45 - 15:30	<p>SYMPOSIA (NONUNION)</p> <p>Moderators: Jean-Marc Guichet / Franz Birkholtz</p> <p>14:45 - 14:57 SEQUENTIAL USE EXTERNAL FIXATION AND NAILING IN THE TREATMENT PATIENTS WITH NONUNIONS OF LONG BONES E A Shchepkina (Russia)</p> <p>Discussion (3 minutes)</p>	<p>SYMPOSIA (NEW ADJUNCTS, TECHNIQUES AND DEVICES)</p> <p>Moderators: Leo Donnan / Fergal Monsell</p> <p>14:45 - 14:57 DYNAMIZATION: CURRENT STATE OF THE ART Nando Ferreira (South Africa)</p> <p>Discussion (3 minutes)</p>	<p>SYMPOSIA (UPPER LIMB)</p> <p>Moderators: Gamal Hosny / Konrad Mader</p> <p>14:45 - 14:57 INTRODUCTION TO THE HUMERAL LENGTHENING SYMPOSIUM-WHAT IS NEW? Gerald Wozasek (Austria)</p> <p>Discussion (3 minutes)</p>	<p>AHP SESSION</p> <p>Moderators: Anna Timms / Philippa Bridgeman</p> <p>14:45 - 15:15 ADVANCES IN PAEDIATRIC LIMB RECONSTRUCTION: IMPLICATIONS FOR NURSES AND AHP'S Jonathan Pagdin (UK) Deborah Jackson (UK)</p>	<p>FREE PAPERS</p> <p>Moderators: Mikko Haara / Om Lahoti</p> <p>14:45 - 14:50 LIMB RECONSTRUCTION IN PATIENTS WITH FIBROUS DYSPLASIA – 20 YEARS EXPERIENCE (434) Matthew Hampton, Sam Weston-Simmons, Stephen Giles, James Fernandes</p> <p>14:52 - 14:57 DEFORMITY CORRECTION AND STABILISATION OF LONG BONES OF ADOLESCENTS WITH METABOLIC BONE DISEASE USING RIGID INTRAMEDULLARY NAILING (435) Saeed Al-Naser, Stephen Giles, James Fernandes</p> <p>14:59 - 15:04 PATIENT-REPORTED OUTCOME AND QUALITY OF LIFE AFTER EXTERNAL FIXATION: A QUESTIONNAIRE-BASED SURVEY (92) Shuhei Ugaji, Hidenori Matsubara, Tomo Hamada, Toshifumi Hikichi, Hiroyuki Tsuchiya</p> <p>15:06 - 15:11 NOVEL SEARCHING METHOD OF SUV CUTOFF VALUE OF 18F-FDG PET/CT FOR ACCURATE POSITIONING OF OSTEOMYELITIS (475) Nobuyuki Takenaka, Motoyuki Takaki, Narutaka Katoh, Shota Harada, Tomohiko Asahara, Tsukasa Teramoto, Takashi Matsushita</p> <p>15:13 - 15:18 THE USE OF PROFESSIONAL GRAPHICS EDITING PROGRAMS IN DEFORMITY CORRECTION SURGERY (THREE-DIMENSIONAL PLANNING AND CORRECTIVE SIMULATIONS): TECHNICAL NOTE (542) Mohamed Kenaway</p> <p>15:20 - 15:25 PLASTIC DEFORMATION OF THE REGENERATE BONE IN ACHONDROPLASIA - A RISK ANALYSIS! (539) Nadiyah Fernandes, Anand Gorva, T Mathew, Sanjeev Madan, Stephen Giles, Stanley Jones, James Fernandes</p>
	<p>15:00 - 15:12 THE PRECICE MAGNETIC COMPRESSION NAIL FOR LONG BONE NONUNIONS Austin Fragomen (USA)</p> <p>Discussion (3 minutes)</p>	<p>15:00 - 15:12 EFFECT OF DYNAMIZATION ON FRACTURE HEALING – CLINICAL CASES REVIEW Stephen Quinnan (USA)</p> <p>Discussion (3 minutes)</p>	<p>15:00 - 15:12 ANATOMIC CONSIDERATIONS IN HUMERAL LENGTHENING Gilbert Schwarz (Austria)</p> <p>Discussion (3 minutes)</p>	<p>15:15 - 15:45 ROUTINE PSYCHOLOGICAL SCREENING OF LIMB RECONSTRUCTION PATIENTS...IS IT A GOOD IDEA? Maria Vincent (UK)</p>	
	<p>15:15 - 15:27 PRINCIPLES OF MANAGEMENT OF INFECTED NONUNION AROUND THE ANKLE Hemant Sharma (UK)</p> <p>Discussion (3 minutes)</p>	<p>15:15 - 15:27 REVERSE DYNAMIZATION: A NOVEL PERSPECTIVE TO ACCELERATE BONE HEALING Vaida Glatt (USA)</p> <p>Discussion (3 minutes)</p>	<p>15:15 - 15:27 UNCOMMON TREATMENT CONCEPTS IN HUMERAL LENGTHENING Lukas Zak (Austria)</p> <p>Discussion (3 minutes)</p>		



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15:30
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16:15

HALL 1A	HALL 1B	HALL 1C	ROOM 3A	ROOM 3B
<p>SYMPOSIA (RECONSTRUCTIVE AMPUTATION AND ADVANCES IN PROSTHETIC MANAGEMENT)</p> <p>Moderators: Richard Montgomery / Peter Calder</p> <p>15:30 - 15:42 ENABLING OPTIMAL FUNCTION IN AMPUTEES THROUGH INNOVATION IN SURGERY AND PROSTHESES Fergus Jepson (UK)</p> <p>Discussion (3 minutes)</p>	<p>SYMPOSIA (BONE INFECTION)</p> <p>Moderators: David Goodier / Steve McChesney</p> <p>15:30 - 15:42 ENDOMEDULLARY INFECTION - ROLE OF ANTIBIOTIC COATED NAILS Mauricio Zuluaga (Colombia)</p> <p>Discussion (3 minutes)</p>	<p>SYMPOSIA (PAEDIATRIC)</p> <p>Moderators: Ignacio Ginebreda / Pawel Koczewski</p> <p>15:30 - 15:42 FUNCTIONAL OUTCOMES AT 10 YEARS IN 114 CHILDREN WITH ARTHROGRYPOSIS Reggie Hamdy (Canada)</p> <p>Discussion (3 minutes)</p>	<p>AHP SESSION</p> <p>Moderators: Anna Timms / Philippa Bridgeman</p> <p>15:45 - 16:15 PIN SITE MANAGEMENT – CURRENT EVIDENCE AND INTERNATIONAL PIN SITE CONSENSUS Hemant Sharma (UK)</p>	<p>FREE PAPERS</p> <p>Moderators: Gonzalo Bastias / Mehmet Kocaoglu</p> <p>15:30 - 15:35 MANAGEMENT OF SOFT TISSUE AND SKELETAL DEFECTS WITH DISTRACTION HISTOGENESIS BY ILIZAROV TECHNIQUE IN TIBIA (405) Zamir Soomro</p> <p>15:37 - 15:42 TOTAL DIAPHYSEAL DEFECT OF THE TIBIA TREATED BY TRANSVERSAL MEDIAL WARD TRANSPORT OF FIBULAR SPLIT (407) Fernando De la Huerta</p> <p>15:44 - 15:49 OPEN TIBIAL SHAFT FRACTURES: THE EFFECT OF MANAGEMENT DELAYS ON INFECTION RATES. A RETROSPECTIVE COHORT (75) Nando Ferreira, Tinus Basson, Jacques du Toit, Marilize Burger</p> <p>15:51 - 15:56 TREATMENT OF THE PATIENTS WITH POST-BURN HAND DEFORMITIES USING ILIZAROV TRANSOSSEOUS OSTEOSYNTHESIS (120) Natalia Shikhaleva, Artem Shakirov, Mikhail Korostelev</p> <p>15:58 - 16:03 ILIZAROV TECHNIQUE FOR TREATMENT OF LARGE TIBIA BONE DEFECT COMBINED WITH SOFT TISSUE DEFECT (406) Dingwei Zhang</p> <p>16:05 - 16:09 COMPARATIVE ASSESSMENT OF PATIENT SATISFACTION WITH THE ACHIEVED SHAPE OF THE LEGS WHEN CORRECTED USING ILIZAROV APPARATUS (IA) AND ORTHO-SUV FRAME (OSF) (496) Leonid Solomin, Pavel Kulesh</p>
<p>15:45 - 15:57 RECONSTRUCTIVE AMPUTATION THROUGH 'SPARE PART' TRANSFER Selvadurai Nayagam (UK)</p> <p>Discussion (3 minutes)</p>	<p>15:45 - 15:57 IMPORTANCE OF SOFT TISSUES, SKIN COVERAGE AND VAC THERAPY IN BONE INFECTION Mauricio Zuluaga (Colombia)</p> <p>Discussion (3 minutes)</p>	<p>15:45 - 15:57 ARTHROGRYPOTIS RELATED SYNDROMES, INCLUDING LARSEN, ESCOBAR, RYR1, AND POPLITEAL PTERYGIUM SYNDROME Jaroslów Deszczyński (USA)</p> <p>Discussion (3 minutes)</p>		
<p>16:00 - 16:12 TRAUMATIC COMPOSITE BONE AND SOFT TISSUE LOSS OF THE LEG AND ANKLE: CLASSIFICATION, DECISION-MAKING ALGORITHM AND OUTCOME OF ILIZAROV TREATMENT Mahmoud El-Rosasy (Egypt)</p> <p>Discussion (3 minutes)</p>	<p>16:00 - 16:12 OSTEOGENESIS BY DISTRACTION IN LARGE BONE DEFECTS Maurizio A. Catagni (Italy)</p> <p>Discussion (3 minutes)</p>	<p>16:00 - 16:12 LOWER EXTREMITY TREATMENT IN ARTHROGRYPOSIS David Feldman (USA)</p> <p>Discussion (3 minutes)</p>		



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HALL 1A	HALL 1B	HALL 1C	ROOM 3A	ROOM 3B
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16:15-16:45

TEA, EXHIBITION & POSTER VIEWING - HALL 2

SYMPOSIA (RECONSTRUCTIVE AMPUTATION AND ADVANCES IN PROSTHETIC MANAGEMENT)	SYMPOSIA (NEW ADJUNCTS, TECHNIQUES AND DEVICES)	SYMPOSIA (NEW ADJUNCTS, TECHNIQUES AND DEVICES)	SYMPOSIA (BONE INFECTION)	FREE PAPERS
<p>Moderators: Fergus Jepson / Selvadurai Nayagam</p> <p>16:45 - 16:57 OSSEointegration AMPUTATION RECONSTRUCTION SURGERY - PRINCIPLES, IMPACT, AND OUTCOME DATA Kevin Tetsworth (Australia)</p>	<p>Moderators: David Feldman / Levent Erarp</p> <p>16:45 - 16:57 MODULAR FIXATOR, A NEW CONCEPT IN EXTERNAL FIXATION Jose Carlos Bongiovanni (Brazil)</p>	<p>Moderators: Eitan Segev / Gerald Wozasek</p> <p>16:45 - 16:57 EXTERNAL FIXATION TECHNIQUE: PERFORMANCE OF DISPOSABLE DEVICE IN TRAUMA AND ORTHOPAEDICS Alfredo Aybar (Peru)</p>	<p>Moderators: Maurizio Catagni / Andres Luciano Greco</p> <p>16:45 - 16:57 BONE QUALITY IN PATIENTS OLDER THAN 60 YEARS WITH CHRONIC OSTEOMYELITIS OF LONG BONES OF THE LOWER LIMBS ACCORDING TO DATA OF MULTI-SLICE COMPUTER TOMOGRAPHY Konstantin Diachkov (Russia)</p>	<p>Moderators: Harshad Mohanlal Shah / Patrick Foster</p> <p>16:45 - 16:50 AGE INFLUENCE ON CALLUS FORMATION IN BONE LENGTHENING (232) Lukas Zak, Thomas M. Tiefenboeck, Richard Arnhold, Gerald E. Wozasek</p>
Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	<p>16:52 - 16:57 PSYCHOLOGICAL HEALTH IN LIMB RECONSTRUCTION (319) Philippa Bridgeman</p>
<p>17:00 - 17:12 EARLY USA EXPERIENCE Robert Rozbruch (USA)</p>	<p>17:00 - 17:12 EFFECTIVENESS OF TIBIAL TRANSVERSE TRANSPORT IN RESISTANT DIABETIC FOOT ULCERS QiKai Hua (China)</p>	<p>17:00 - 17:12 3D SUV-POLYGON PLANNER – NEW SOLUTION FOR LONG BONE DEFORMITY CORRECTION PLANNING Leonid Solomin (Russia)</p>	<p>17:00 - 17:12 DIRECT HEALTHCARE COSTS FOR INPATIENTS WITH EXTREMITY POST-TRAUMATIC OSTEOMYELITIS: A SURVEY FROM A TERTIARY MEDICAL CENTER IN SOUTHERN CHINA Bin Yu (China)</p>	<p>16:59 - 17:04 MONOLATERAL FIXATOR COMBINED LOCKING PLATE TECHNIQUE FOR TREATMENT OF HUMERAL VARUS AND SHORTENING IN CHILDREN (188) Shuzhen Deng, Jianping Yang, Zhongli Zhang</p>
Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	<p>17:06 - 17:11 LOWER LIMB LENGTHENING USING A PLATE (165) Woo Young Jang, Soon Hyuck Lee</p>
<p>17:15 - 17:27 COMPLEX CASES AND COMPLICATION MANAGEMENT Munjed Al Muderis (Australia)</p>	<p>17:15 - 17:27 MECHANICAL METHODS IN BONE REGENERATION Gang Li (Hong Kong)</p>	<p>17:15 - 17:27 SIMULTANEOUS CORRECTION OF MULTI-APEX DEFORMITY BY ONE ORTHOPAEDIC HEXAPOD - THIS IS POSSIBLE Leonid Solomin (Russia)</p>	<p>17:15 - 17:27 BONE TRANSPORT OVER NAIL FOLLOWING RESECTION Mehmet Kocaoğlu (Turkey)</p>	<p>17:13 - 17:18 THE EVOLUTION OF CONCEPTS ABOUT LONG BONE LENGTHENING AT THE UNIVERSITY OF SÃO PAULO SCHOOL OF MEDICINE BEFORE AND AFTER ILIZAROV'S METHODOLOGY (545) Roberto Guarniero, Nei Montenegro, José Roberto Guarniero</p>
Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	<p>17:20 - 17:25 CONGENITAL HUMERAL DEFICIENCY (210) Yehia Rady, Mohamed Rady</p>

16:45
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17:30

17:30-18:15

GENERAL ASSEMBLY OF THE COMBINED CONGRESS - HALL 1A

<p>Moderator: James Fernandes</p> <p>17:30 - 17:35 GERMANY: Presentation for the bid to host the 6th Combined Congress of the ASAMI-BR & ILLRS societies 2025 Rainer Baumgart (Germany)</p>
<p>17:35 - 17:40 MALAYSIA: Presentation for the bid to host the 6th Combined Congress of the ASAMI-BR & ILLRS societies 2025 Yeok Pin Chua (Malaysia)</p>
<p>17:40 - 17:45 Live polling using the Congress APP and announcement of the winner</p>
<p>17:45 - 18:00 MEXICO: Presentation of the 2021 Combined Congress Fernando de la Huerta (Mexico)</p>
<p>18:00 - 18:10 Any other business</p>

18:30-23:30

CONGRESS DINNER - LIVERPOOL FOOTBALL CLUB
*Coaches depart promptly at 18:30 from the ground floor main entrance
Entry with pre-purchased tickets only (attached to your name badge)*



FRIDAY / 30 AUG. / CONGRESS DAY THREE

HALL 1A	HALL 1B	HALL 1C	ROOM 3A
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07:15 REGISTRATION - MAIN ENTRANCE FOYER

08:30 - 10:00	SYMPOSIA (ORTHOPLASTIC RECONSTRUCTION)	SYMPOSIA (PAEDIATRIC)	SYMPOSIA (NEW ADJUNCTS, TECHNIQUES AND DEVICES)	
	Moderators: Yuhan Chee / Martin McNally	Moderators: Nuno Craveiro Lopes / James Fernandes	Moderators: Nobuyuki Takenaka / Kevin Tetsworth	
	08:30 - 08:42 WIRE TECHNIQUE FOR SOFT TISSUE DEFECT Jiancheng Zang (China)	08:30 - 08:42 COMBINED AND SEQUENTIAL USE OF THE GUIDED GROWTH AND TRANSOSSEOUS OSTEOSYNTHESIS IN TREATMENT OF PAEDIATRIC LONG BONE DEFORMITIES Victor Vilensky (Russia)	08:30 - 08:42 NSAIDS AFTER OSTEOTOMY SURGERY REDUCE OPIOID CONSUMPTION WITHOUT AFFECTING BONE HEALING Austin Fragomen (USA)	
	Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	
	08:45 - 08:57 MANAGEMENT OF COMBINED BONE & SOFT TISSUE DEFECTS Gamal Hosny (Egypt)	08:45 - 08:57 RECONSTRUCTIVE TREATMENT OF POLIOMYELITIS SEQUELAE Marcelo Sternick (Brazil)	08:45 - 08:57 CAGE WITH NAIL FOLLOWING RESECTION Cenk Özkan (Turkey)	
	Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	
	09:00 - 09:12 SERIOUS OPEN FRACTURES - AMPUTATION OR RECONSTRUCTION Alfredo Aybar (Peru)	09:00 - 09:12 DEFORMITIES AROUND THE KNEE IN CHILDREN Aik Saw (Malaysia)	09:00 - 09:12 ORTHOSPIN AUTOMATIC STRUTS IN EXTERNAL FIXATION Eitan Segev (Israel)	
	Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	
	SYMPOSIA (ORTHOPLASTIC RECONSTRUCTION)	SYMPOSIA (PAEDIATRIC)	SYMPOSIA (FOOT AND ANKLE)	
	Moderators: Fernando de la Huerta / Chris Harris	Moderators: Tae-Joon Cho / Jianping Yang	Moderators: Jabrayil Alakbarov / Hani El-Mowafi	
	09:15 - 09:27 TREATMENT EXPERIENCE OF 5 PATIENTS WITH KNEE JOINT LARGE BONE DEFECT RESULTING TUMOUR RESECTION E A Shchepkina (Russia)	09:15 - 09:27 CLASSIFICATION AND PREVIOUS CONSIDERATIONS IN ORTHOPAEDIC SURGERY IN SKELETAL DYSPLASIA Ignacio Ginebreda (Spain)	09:15 - 09:27 "A LA CARTE" APPROACH TO CAVUS FOOT DEFORMITIES IN CHILDREN Reggie Hamdy (Canada)	
	Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	
09:30 - 09:42 USE OF ORTHOPAEDIC HEXAPOD (ORTHO-SUV FRAME) FOR DEFORMITY CORRECTION AFTER SOFT TISSUE DEFECT CLOSURE WITH ANGULATION AND ROTATION K Plotnikovs (Russia)	09:30 - 09:42 WHEN AND HOW TO CORRECT AND LENGTHEN LOWER EXTREMITIES IN CHILDREN WITH SKELETAL DYSPLASIA John E Herzenberg (USA)	09:30 - 09:42 CORRECTION OF COMPLEX FOOT DEFORMITY WITH BLOODLESS TECHNIQUE Gamal Hosny (Egypt)		
Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)		



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HALL 1A	HALL 1B	HALL 1C	ROOM 3A
<p>09:45 - 09:57 REPLACEMENT OF SEGMENTAL DEFECTS OF LONG BONES USING BONE TRANSPORT OVER THE NAIL AND CONVENTIONAL ILIZAROV METHOD E A Shchepkina (Russia)</p> <p>Discussion (3 minutes)</p>	<p>09:45 - 09:57 APPLICATIONS ON THE SELF-EXPANDING NAIL IN CORRECTIONS AND LENGTHENING IN ADULTS WITH SKELETAL DYSPLASIA Rainer Baumgart (Germany)</p> <p>Discussion (3 minutes)</p>	<p>09:45 - 09:57 THE TREATMENT OF FOOT AND ANKLE DEFORMITY WITH SENSORY DISTURBANCE Aik Saw (Malaysia)</p> <p>Discussion (3 minutes)</p>	
SYMPOSIA (TRAUMA)	SYMPOSIA (PERIARTICULAR RECONSTRUCTION)	SYMPOSIA (BONE INFECTION)	FREE PAPERS
<p>Moderators: Maurizio Catagni / Simon Royston</p> <p>10:10 - 10:22 STRATEGIES TO MANAGE BONE LOSS Jose Carlos Bongiovanni (Brazil)</p> <p>Discussion (3 minutes)</p>	<p>Moderators: Henrik Lundblad / Simon Britten</p> <p>10:10 - 10:22 ILIZAROV HIP RECONSTRUCTION USING A UNILATERAL EXTERNAL FIXATOR Takashi Matsushita (Japan)</p> <p>Discussion (3 minutes)</p>	<p>Moderators: Harshad Mohanlal Shah / Leonid Solomin</p> <p>10:10 - 10:22 ABX LOADED PMMA COATED NAILS Robert Rozbruch (USA)</p> <p>Discussion (3 minutes)</p>	<p>Moderators: Raul Mora / Alexander Cherkashin</p> <p>10:10 - 10:15 APPLICATION OF ACUTE SHORTENING AND THEN LENGTHENING TECHNIQUE FOR GUSTILO IIIC OPEN FRACTURES WITH MASSIVE SOFT TISSUE DEFECT IN LOWER EXTREMITIES (203) Jianfeng Li, Xing Teng, Yonghui Fan, Shengsong Yang, Lei Huang</p> <p>10:17 - 10:22 OPEN TIBIAL FRACTURES IN THE ELDERLY: OUTCOMES OF MANAGEMENT WITH CIRCULAR FRAMES (53) Rachael Fisher, Jason Sibbel, Matija Krkovic</p> <p>10:24 - 10:29 EXTERNAL FIXATOR ASSISTED DEFORMITY CORRECTION IN PAEDIATRIC PATIENTS (318) Nick Peterson, Rabia Ghani, Chris Prior, Leroy James, Selvadurai Nayagam</p> <p>10:31 - 10:36 OPTIONS OF CHILDREN'S FOREARM DEFORMATIONS WITH HEREDITARY MULTIPLE EXOSTOSIS (CLINICAL OBSERVATION) (104) Ekaterina Belousova, Alexander Pozdeev</p> <p>10:38 - 10:43 RESULTS OF DISTRACTION OSTEOGENESIS AND LIMB LENGTHENING SURGERY IN HEMIHYPERTROPHY PATIENTS: A RETROSPECTIVE STUDY OF 14 PATIENTS (337) Fikret Berkan Anarat, Halil Ibrahim Balci, Serkan Bayram, Ibrahim Levent Eralp</p> <p>10:45 - 10:50 PREDICTION AND TREATMENT OF RADIAL HEAD DISLOCATION IN MULTIPLE HEREDITARY EXOSTOSES (291) David Feldman, Jaroslaw Deszczynski, Troy Rand, Dror Paley, Tomasz Albrewczyński</p>
<p>10:25 - 10:37 RECONSTRUCTIVE TREATMENT OF HIGH ENERGY TRAUMA Gracielle Cardoso (Brazil)</p> <p>Discussion (3 minutes)</p>	<p>10:25 - 10:37 DISTAL TIBIA OBLIQUE OSTEOTOMY (DTOO) FOR OSTEOARTHRITIS OF ANKLE JOINT Tsukasa Teramoto (Japan)</p> <p>Discussion (3 minutes)</p>	<p>10:25 - 10:37 ABX LOADED CALCIUM SULFATE IN IM CANAL Austin Fragomen (USA)</p> <p>Discussion (3 minutes)</p>	
<p>10:40 - 10:52 BONE TRANSPORT TECHNIQUE WITH CABLE Alexander Cherkashin (USA)</p> <p>Discussion (3 minutes)</p>	<p>10:40 - 10:52 TIBIAL CONDYLE VALGUS OSTEOTOMY (TCVO) FOR OSTEOARTHRITIS OF KNEE JOINT Tsukasa Teramoto (Japan)</p> <p>Discussion (3 minutes)</p>	<p>10:40 - 10:52 ABX LOADED CERAMIC WITH INTERNAL FIXATION Martin McNally (UK)</p> <p>Discussion (3 minutes)</p>	

10:10
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11:00



FRIDAY / 30 AUG. / CONGRESS DAY THREE

HALL 1A	HALL 1B	HALL 1C	ROOM 3A
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11:00-11:30

COFFEE, EXHIBITION & POSTER VIEWING - HALL 2

SYMPOSIA (TRAUMA)	SYMPOSIA (PERIARTICULAR RECONSTRUCTION)	SYMPOSIA (FOOT AND ANKLE)	FREE PAPERS
Moderators: Mofakhkharul Bari / Milorad Mitkovic	Moderators: Austin Fragomen / Nazri Mohd Yusof	Moderators: Walter Targa / Om Lahoti	Moderators: Cherry Cheriyan Kovoor / Tim Nunn
11:30 - 11:42 GUNSHOT WOUNDS IN GAZA: LIMB RECONSTRUCTION AS A PUBLIC HEALTH CRISIS A F Graeme Groom (UK)	11:30 - 11:42 TREATMENT OF POST-INFLAMMATORY DEFORMITY OF LOWER LIMBS WITH ILIZAROV EXTERNAL FIXATOR Wiktor Orzechowski (Poland)	11:30 - 11:42 FOOT AND ANKLE DEFORMITY COMBINED WITH ULCERATION OF SPINA BIFIDA Jiancheng Zang (China)	11:30 - 11:35 LIMB RECONSTRUCTION PROCEDURES IN TIBIAL HEMIMELIA (246) Mofakhkharul Bari
Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	11:37 - 11:42 LIMB RECONSTRUCTION IN POST MENINGOCOCCAL SEQUELAE (484) John Weston-Simons, Matthew Hampton, Laurence Wicks, Stephen Giles, James Fernandes
11:45 - 11:57 HIP FRACTURE - TREATMENT WITH DISPOSABLE EXTERNAL FIXATION Alfredo Aybar (Peru)	11:45 - 11:57 KNEE VALGUS DEFORMITY: TECHNIQUE WITH INTERNAL FIXATION Dror Paley (USA)	11:45 - 11:57 OSTEOTOMIES IN HINDFOOT AND MIDFOOT DEFORMITIES Alexander Kirienko (Italy)	11:44 - 11:49 HIP REPLACEMENT IN THE PATIENTS WITH FEMORAL NECK PSEUDARTHROSIS AND DDH AFTER FEMORAL DOWNWARD TRANSPORT USING EXTERNAL FIXATOR (72) Oleg Chegurov, Dmitry Efimov, Emil Niftullaev
Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	11:51 - 11:56 EXTERNAL TRANSPEDICULAR FIXATION: METHOD OF CHOICE FOR CORRECTION OF SEVERE SPINAL DEFORMITIES (186) Oxana Prudnikova, Elena Shchurova
12:00 - 12:12 EXTERNAL SKELETAL FIXATION AS A METHOD OF CHOICE FOR TREATMENT OF WAR WOUNDS WITH FRACTURES Milorad Mitkovic (Serbia)	12:00 - 12:12 THE USE OF INDIVIDUAL TEMPLATES FOR CORRECTIVE OSTEOTOMY OF THE LONG BONES A V Filippova (Russia)	12:00 - 12:12 ANKLE FUSION: GENERAL CONSIDERATIONS Luigi Lovisetti (Italy)	11:58 - 12:03 ARTHRODIASIS IN PERTHES' DISEASE (126) Wagner Nogueira Silva
Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	12:05 - 12:10 CONGENITAL PSEUDARTHROSIS OF THE TIBIA IN CHILDREN: SHOULD WE DEFER SURGERY UNTIL 3 YEARS OLD? (468) Yaoxi Liu
12:15 - 12:27 HEMICALLOTASIS FOR PARTIAL TIBIAL DEFECTS Huang Lei (China)	12:15 - 12:27 TACKLING MIND BOGGLING DEFORMITIES-FROM CHALLENGE TO OPPORTUNITIES Mofakhkharul Bari (Bangladesh)	12:15 - 12:27 SPORT ACTIVITY AFTER ANKLE ARTHRODESIS WITH ILIZAROV FIXATION COMPARED TO INTERNAL FIXATION Piotr Morasiewicz (Poland)	12:12 - 12:17 NON-VASCULARISED FIBULAR AUTOGRAFT FOR RECONSTRUCTION OF PAEDIATRIC BONE DEFECTS (107) Gerard A Sheridan, John T Cassidy, Aaron Donnelly, Maria Noonan, Paula M Kelly, David P Moore
Discussion (3 minutes)	Discussion (3 minutes)	Discussion (3 minutes)	

11:30
-
12:30

12:40-13:10

THE 2nd G. A. ILIZAROV MEMORIAL ORATION - HALL 1A
"Progress in and from Limb Reconstruction"
Dror Paley (USA)



FRIDAY / 30 AUG. / CONGRESS DAY THREE

HALL 1A	HALL 1B	HALL 1C	ROOM 3A
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13:15-14:15 LUNCH, EXHIBITION & POSTER VIEWING - HALL 2

BEST OF THE BEST FREE PAPERS & PRIZES - HALL 1A

14:15 - 15:00	Moderators: Robert Rozbruch / Gamal Hosny / David Goodier
	14:15 - 14:20 COMPARISON BETWEEN TIBIAL AND FEMORAL HUMAN INDUCED MEMBRANES: BIOLOGICAL ACTIVITY IMPLICATES ANATOMICAL SITE SPECIFIC DIFFERENCES (224) Vaida Glatt, Kevin Tetsworth, Anna Woloszyk
	14:22 - 14:27 CASE-MATCHED CONTROLLED COMPARISON OF BONE TRANSPORT OVER THE NAIL VERSUS BONE TRANSPORT OVER THE PLATE FOR SEGMENTAL BONE DEFECTS OF THE TIBIA (124) Kyeong-Hyeon Park, Chang-Wug Oh, Il Seo
	14:29 - 14:34 DELAYED PRESENTING CAST RESISTANT CLUBFOOT TRIAL: TRIPLE ARTHRODESIS VS ILIZAROV SOFT TISSUE DISTRACTION (213) Timothy Nunn, Tsion Tesfaye, Mesfin Kassahun, Tewodros Zerfu, Richard Gardner, Andrew Wainwright, Christopher Lavy
	14:36 - 14:41 COSMETIC LIMB LENGTHENING – EXPERIENCE WITH A FULLY WEIGHT BEARING INTRAMEDULLARY NAIL – 343 CASES (517) Jean-Marc Guichet, Christian Masiello
	14:43 - 14:48 SINGLE VERSUS DOUBLE-LEVEL CORTICOTOMY FOR THE TREATMENT OF SEGMENTAL TIBIA BONE DEFECTS USING THE BALANCED CABLE TRANSPORT AND THEN NAILING METHOD (403) Stephen Quinnan, Roberto Hernandez-Irizarry
	14:50 - 14:55 EXTRACORTICAL CLAMP DEVICE: THE EXPANSION OF THE POSSIBILITIES OF COMBINED AND SEQUENTIAL USE OF EXTERNAL FIXATION AND NAILING (512) Elena A. Shchepkina, Leonid N. Solomin, Konstantin L. Korchagin, Fanil K. Sabirov, Ivan V. Lebedkov

15:00 CONGRESS CLOSE

15:15-16:00 BLRS ANNUAL GENERAL MEETING - HALL 1A