



2[™]Triennial IOTA Congress 2025

21525 th October 2025

Expo Guadalajara, Jalisco. Mexico

October 21					
	Room 8 - 10	October 21 Room 11	Room 12	Room 13	
Scientific	ANIZIE	EDUCATION AND DIVERSITY	PELVIS AND ACETABULUM	HIP FRACTURES	
presentatio Moderator	Stephen Kottmeier, MD	Thomas Higgins, MD	Hassam Mir, MD	Greg de la Rocca, MD	
	The impact of reduction quality of tibial plafond	Kelly Lefaivre, MD Orthopaedic trauma association annual meetings	Alessandro Casiraghi, MD Acetabulum fracture pattern influence on risk for	Cesar Alvarez, MD LVN-led transitional care coordinator program	
08:30 - 08:	fractures during temporizing external fixation on final fracture alignment and outcomes. Roberto Hernandez-Irizarry, M.D.	consistently optimize academic value for attendees. Douglas W. Lundy, MD	conversion total hip arthroplasty: a large, comparative database study. Margaret A. Sinkler, MD	for hip fractures reduces mortality. Peter Aldo Giammanco, BS	
	A prospective randomized trial to assess early versus	Enhancing global orthopaedic education: the role of	A . A . A . A . I blo - advantage of a	Multidimensional approach for predicting 30-day mortality in patients with a hip fracture	
08:36 - 08:	delayed unight begring following energical treated	virtual conferences emphasizing surgical management with limited resources. Samhita Kadiyala, MD	Acute total hip arthroplasty for geriatric acetabular fractures: a propensity-matched cohort study. Alexander N. Berk, MD	development and external validation of the Rotterdam hip fracture mortality prediction? 30 days (RHMP-30).	
				Eveline de Haan, MD	
08:42 - 08:	Ct-scan-based assessment of the effect of early weight- bearing after fixation of trimalleolar ankle fracture: a prospective randomized controlled trial interim analysis.	Professional obstacles: a perception-based survey of women members of AO trauma - Latin America.	Traumatic pelvic hip prosthesis migration with partial rupture of the left external iliac artery. Cynthia Chan, MD	Trends, regional variations, and mortality impact of cemented hemiarthroplasty for femoral neck fractures: a nationwide observational study.	
	Vincent Tomasi, MD	Claudia Marcela Medina Monje, MD	Cynthia Chan, MD	observational study. Natsumi Saka, MD	
08:48 - 08:	Perioperative outcomes following open vs closed geriatric ankle fractures: a large,	Investigating the impact of gender biases on career and quality of life: a survey of women orthopaedic	Lateral compression 1 (LC1) pelvic ring fracture using beckmann score: indications for surgery,	90-day readmission rates for patients over 65 years old with hip fractures: a retrospective	
	propensity-matched cohort study. Alexander Berk, MD	surgeons in Latin America. Amparo Gomez Gelvez, MD	treatment outcome of LC1. Tomoki Kasahara, MD	analysis of 534 patients in Argentina. German Garabano, MD	
08:54 - 09:	OO All Discussion.	All Discussion.	All Discussion.	All Discussion.	
	ANKLE FRACTURES: FROM APPROACH	ASPECTS OF PATIENT DIVERSITY INCLUDING THE GLOBAL PERSPECTIVE ON	PELVIC FRACTURES: MANAGEMENT IN	MANAGEMENT OF GERIATRIC HIP	
Symposiur	TO EARLY WEIGHTBEARING	ORTHOPAEDIC CLINICS AND RESEARCH	CHALLENGING SITUATIONS	FRACTURES IN ECUADOR	
Moderator	Kees Jan Ponsen, MD	Bernd Grimm, MD	Brian Bernstein, MBBS	David Escalante, MD	
	Guy Putzeys, MD	Dario Garin Zertuche, MD Introduction.	Hassan Mir, MD Introduction.	Marco Carrón, MD Introduction. Epidemiology and hospital reality.	
09:00 - 09:	Nees Jan Ponsen, MD	Bernd Grimm, MD	Brian Bernstein, MBBS	David Escalante, MD Jorge Álvarez, MD	
09:05 - 09:	Surgical approach in ankle fractures.	Patient diversity including genetic, anatomical, ethnic, cultural, socio-economic differences in delivering orthopaedic care or conducting transferable research:	Open pelvic fractures.	Preoperative evaluation.	
	Guy Putzeys, MD	What is (not) known? Bernd Grimm, MD	Lynn Hutchings MB	Luis Calderón, MD	
09:15 - 09:	Timing of weight bearing in complex ankle fractures.	Orthopaedic patients, treatments and outcomes in the context of diversity: The Mexican and Latin- American perspective in clinical practice with a	Pelvic fracture approaches in the polytrauma patient.	Femoral neck fractures.	
	Jan Van Meirhaeghe, MD	focus on bone anatomy and trauma surgery. José Manuel Pérez Atanasio, MD	Zsolt J. Balogh, MD	Marcelo Paz, MD	
	When and How to Fix Syndesmosis	ACTUAR - the large Lath-American multi-centric clinical research initiative and infrastructure as an	Geriatric pelvic fractures.	Intertrochanteric fractures.	
09:25 - 09:	William T. Obremskey, MD	example to generate insights from diverse patients and healthcare systems. Jorge Rubio, MD	Brian Bernstein, MBBS	Cristian Pintado, MD	
09:35 - 09:			Pelvic fracture management in resource constrained environments.	Complications. Marco Carrión, MD	
09:45 - 10:	Lynn Hutchings MB Bchir, MSc, DPhil	All Q&A	Sithombo Maqumbo, MD	Fracture prevention. Discussion.	
09:45 - 10:	Discussion.		Discussion.	Discussion. David Escalante, MD	
10:00 - 10:	30	REC	CESS		
Scientific		TIBIA	SPINE, PELVIS AND HIP	HIP FRACTURES	
presentatio Moderator	Victor de Ridder, MD	Takashi Miyamoto, MD Matthew Karam. MD	Saam Morshed, MD Stefano Cattaneo. MD	Hiroaki Minehara, MD	
	Cliff Jones, MD Optimizing tip-apex distance and calcar-associated			Ji Wan Kim, MD	
10:30 - 10:		Clinical outcomes following open tibia fractures in Latin America: a multi-national prospective study. Madeline MacKechnie, PhD	Timing for operative treatment of thoracolumbar fractures without neurology. Henrik Baecker, MD	postoperative complications after hip fracture treatment: retrospective analysis on 582 patients in Argentina. German Garabano, MD	
			3D elevitation and whether is a contract	Somman Sarabaho, MD	
10:35 - 10:	reatment of infected Bone Defects	Patient-reported outcomes comparison by start- site approach for tibial shaft fractures. Lauren Turner, B.S.	3D simulation and printing in AO/OTA 61c and 628/62c pelvic and acetabular fractures: a retrospective cohort study. Chun-Hao Tsai, MD	Risks of intertrochanteric femur fracture versus femoral neck fracture in the setting of arthritis. Ava VanDommelen, BS	
	German Garabano, MD	did:	Hassan Mir, MD	2	
10:40 - 10:	Level 1 Trauma Center	Rotational malalignment in tibial shaft fractures:a systematic review of incidence and outcomes. Jan Van Meirhaeghe, MD	Previous fever, increased ASA, and surgical delay increase the incidence of surgical site infection after open acetabular surgery: retrospective study on a homogeneous sample.	Post-operative management following hip fracture fixation: an international survey of experts.	
	James Clemmons, MD	un mennaeyne, mu	Rafael Amadel, MD	Vincenzo Giordano, MD, PhD	
10:45 - 10:	Ankle Fractures Treated With a Locked Intramedullary Nail Marcelo Rio, MD	External fixator pin placement in the lower extremity is safe without fluoroscopy. Daniel Stinner, MD	Development and internal validation of a clinical prediction model for long-term walking impairment in hip fracture patients: ACT score. Takahiro Inui, MD	Reducing AKI Rates in hip fractures: individualized fluid resuscitation protocol utilizing noninvasive plethysmography. Douglas W. Lundy, MD	
	Use of Ankle Distraction Frames in				
10:50 - 10:	Use of Ankle Distraction Frames in Treatment of Pilon Fracture Katherine Sborov, MD				
	Femoral Neck System Results in Less Operative Time and Maintains Quality Reduction Compared to DHS Device in	- All Discussion.	All Discussion.	All Discussion.	
10:55 - 11:	Femoral Neck Fractures Diego Martinez Leyton, MD				
Scientific presentatio	GENERAL	INFECTION	PELVIS	PERIPROSTHETIC FRACTURES	
Moderator	Victor de Ridder, MD,	Takashi Miyamoto, MD	Saam Morshed, MD	Hiroaki Minehara, MD	
	Percutaneous posterior S1 to ilium spinopelvic	Matthew Karam, MD Staged ankle arthrodesis using induced membrane	Stefano Cattaneo, MD Short-term outcomes of interdigitating percutaneous	Ji Wan Kim, MD Comparison of osteosynthesis with and	
11:00 - 11:	fixation: limiting the cranial extent of spinopelvic fixation in select posterior pelvic ring injuries. Ashraf N. El Naga, MD	technique for pyogenic arthritis with osteomyelitis. Gen Sasaki, MD	screw fixation for rommens type IIIA fragility fractures of the pelvis. Yuhei Nakayama, MD	without additional plate for Vancouver type B1 and type C periprosthetic femoral fractures. Ji Wan Kim, MD, PhD	
11:05 - 11:	Feasibility of minimally invasive spinopelvic and cross-connector placement for select	PO vs IV antibiotics for fracture related infections: bayesian analysis.	Comparing adverse medical events in nonoperative versus surgically managed geriatric pelvic ring	Fixator assisted internal fixation in periprosthetic femoral shaft fractures.	
	posterior pelvic ring injuries. Ashraf N. El Naga, MD	William T. Obremskey, MD	injuries: a database study. Kira Smith, MD	Alexander Chelnokov, MD	
11:10 - 11:	A novel anterior-to-posterior sequential fixation for the surgery of transverse acetabular fracture. Joon-Woo Kim, MD, PhD	Antibiotic treatment compliance among patients with fracture related infections: a secondary analysis of the Pov IV Trial. William T. Obremskey, MD	Radiological evaluation of rommens type IIIA fragility fractures of the pelvis. Junya Kondo, MD	Interprosthetic femur fractures: a multi -center retrospective study. Lisa Cannada, MD	
	New external fixation of pelvic ring fractures to reduce	Tolerance of preoperative cefazolin administration	Post-traumatic stress disorder following geriatric	The hidden cost of our job: cancer incidence	
11:15 - 11:		among peniciliin-allergic fracture patients. Gregory J. Della Rocca, MD	fragility fractures. Zachery Hong, MPHS	among male orthopaedic trauma surgeons. Lisa Cannada, MD	
11:20 - 11:					
	Aleksandar Munjin, M.D.	All Discussion.	All Discussion.	All Discussion.	
11:25 - 11:	Treatment of distal tibia fractures with a retrograde intramedullary tibial nail. Marcelo Rio, MD				
	3D PRINTING SUPPORT FOR SURGICAL INTERVENTION ON FRACTURES	POST-TRAUMATIC BONE DEFECTS:	WHAT'S NEW IN THE MANAGEMENT OF PELVIC AND ACETABULAR FRACTURES:		
Symposiur	AND SECUELAE	MANAGEMENT SOLUTIONS	INDONEISA-SOUTHEAST ASIA PERSPECTIVE	ANKLE	
Moderator	Federico Bove, MD / Nicolo Cosmelli, MD	Hans-Christoph Pape, MD	Ismail Hadisoebroto Dilogo, M.D.	Jochem Hoogendoorn, PhD	
	Introduction	William Obremskey, MD Introduction.	Introduction.	Dennia den Hartog, MD, PhD Introduction.	
11:30 - 11:	Stefano Cattaneo, MD	Chun-Hao Tsai, MD	Ismail Hadisoebroto Dilogo, MD	Berry Meesters, MD	
11:35 - 11:	State of the Art	Distraction osteogenesis for major bone defects: key considerations for success.	Current evidence and reality in polytrauma and pelvic acetabular fracture.	The killing chest: - Resuscitative thoracostomy Indications and techniques to fix the flailchest.	
	Stefano Cattaneo, MD	Yu-Ping Su, MD	Radi Muharris Mulyana, MD	Michael Edwards, MD Berry Meesters, MD	
11:45 - 11:	55 Planning and patient compliance.	Post-traumatic deformity correction with bone loss: solutions to challenging problems.	Managing central hip dislocation: surgical strategies, clinical cases, and postoperative challenges.	The killing bones: - Damage control of the pelvis Damage control of the long bone fractures.	
	Andrea Fidanza, MD, PhD	Solutions to chaininging problems. Yu-Ping Su, MD	clinical cases, and postoperative challenges. Bintang Soetjahyo, MD	Damage control of the long bone fractures. Mike Hogervorst, MD	
11:55 - 12:	Custom-made for major trauma and prosthesis.	Bone lengthening: nail solutions.	Bone lengthening: nail solutions.Quadrilateral plate fractures: Do they require special attention?	Phase 2: definitively fixing the survivors Timing of and how to fix the pelvis Timing of and how to fix spinal fractures.	
128	Alessandro Casiraghi, MD	David Laniado, MD	Ismail Hadisoebroto Dilogo, MD	- i iming of and now to its spinal fractures. Kees Jan Ponsen, MD Wietse Zuldema, MD, PhD	
12:05 - 12:	Clinical case presentations Daniele Santoro, MD Emmanuele Santolini, MD	Large segmental defects: 3D printing of titanium alloys.	Intricacies of ABC and ACPHT fractures: How to optimize result.		
	Emmanuele Santolini, MD Giacomo Papotto, MD	Tian Yun, MD	Gibran Tristan Alpharian, MD	All Discussion.	
12:15 - 12:	Discussion. Fabrizio Cortese, MD	All Discussion.	All Discussion.		
12:30 - 13:	30	REC	CESS		
Symposiur	PERIPROSTHETIC FRACTURES IN JAPAN	FRACTURE-RELATED INFECTIONS: PROPHYLAXIS, TREATMENT, AND OUTCOMES	MINIMALLY-INVASIVE PLATE OSTEOSYNTHESIS (MIPO) FOR EXTRAARTICULAR DISTAL THIRD HUMERUS FRACTURES	WARFARE INJURIES: THREE YEARS OF ACTIVE WAR EXPERIENCE	
- Jimpositir	•	- Control of the cont	t	- INCOME	
Moderator	Tomoyuki Noda, MD, PhD Hiroaki Minehara, MD	Diego Carvajal, MD Jaime Leal, MD	Alberto Delgado-Martínez, MD, PHD Hermenegildo Cañada-Oya, MD	Michael Suk, MD, JD, MPH, MBA Andrii Lysak, MD, PhD	
13:30 - 13:	Introduction. Hiroaki Minehara, MD, PhD	Introduction. Diego Carvajal, MD	Introduction. Alberto Delgado-Martinez, MD, PHD	Introduction. Andrii Lysak, MD, PhD	
	Current situation and issues of periprosthetic	Prophylaxis with antibiotic-coated pins and	The classic anterior MIPO approach.	Managing war injuries: considerations	
13:35 - 13:	fractures in a super-aging society. Yoto Oh, MD, PhD	plates in open fractures. Cristhian Alberto Rojas Herrera, MD	The classic anterior MIPO approach. Eudald Romero-Pijoan, MD	for medical volunteerism. Victor de Ridder, MD, PhD, MBA	
13:45 - 13:	Periprosthetic fracture around total shoulder and total elbow arthroplasties. Satoshi Oki, MD, PhD	Prophylaxis with local antibiotic in high-risk patients. Jaime Leal, MD	The posterior MIPO approach. Juan Boluda-Mengod, MD	Management of blast injuries: experience from the Israell-Palestinian conflict. David Laniado, MD	
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13:55 - 14:	Periprosthetic fracture around total hip arthroplasties. Masayuki Ito, MD, PhD	Acute treatment of fracture related infections. Claudia Medina, MD	The lateral MIPO distal approach. Miquel Videla-Cés, MD	Soft tissue management of complex high energy open fracture wounds. Andrii Lysak, M.D., PhD	
14:05 - 14:	Periprosthetic fracture around total knee arthroplasties.	Outcomes of fracture related infections.	The new anteromedial distal MIPO approach.	Musculoskeletal Injuries During the Iraq War: Reconstructive Lessons Learned	
14.05 - 14:	15 knee arthroplasties. Taketo Kurozumi, MD, PhD	Amparo Gomez Gelvez, MD	Hermenegildo Cañada-Oya, MD	Reconstructive Lessons Learned Daniel J. Stinner, MD, Col, PhD	
14:15 - 14:	All Discussion.	All Discussion.	All Discussion.	All Discussion.	
	PERIPROSTHETIC FRACTURES: HOW CAN				
Symposiur	WE INCREASE FIXATION STABILITY IN PERIPROSTHETIC FRACTURES AND PREVENT PERIPROSTHETIC OR	STRATEGIES FOR PREVENTING AND TREATING COMPLICATIONS IN TIBIAL SHAFT FRACTURES	COMPLEX ELBOW FRACTURES: TREATMENT OPTIONS	MASS CASUALTY EXPERIENCES: WHAT DID WE LEARN?	
	PERI-IMPLANT FRACTURES?	SHAFT FRACTURES	=	C	
Moderator	Ki-Chul Park, MD Jae-Ang Sim, MD	Kodi Kojima, MD Vincenzo Giordano, MD	Zoe Dailiana, MD, PhD Konstantinos Kateros, PhD, MD	Masood Umer, MD / Hasnain Zafar, MD Usama Bin Saeed, MD	
14:30 - 14:	Introduction. Ki-Chul Park, MD	Introduction. Robinson E. Pires, MD	Introduction. Zoe Dailiana, MD, PhD	Introduction. Masood Umer, MD	
	Epidemiology and Risk Factors of	Open tibial shaft fracture: a tailored education			
14:35 - 14:		Open tibial shaft fracture: a tailored education program made a difference. William Belangero, MD	Intercondylar fractures. Konstantinos Tilkeridis, MD, PhD	Lessons learned from the 2005 earthquake. Haroon Rashid, MD	
14:45 - 14:	Management of THA-related periprosthetic fractures, including atypical periprosthetic and acetabular fractures.	Biofilm formation, antibiotic resistance, and chronic infection in tibial shaft fractures: the lethal triad of fracture related infections.	Coronal shear fractures. Zoe Dailiana, MD, PhD	Individual hospital based management plans: areas for improvement.	
143	and acetabular fractures. Ji-Wan Kim, MD	fracture related infections. Vincenzo Giordano, MD	Zoe Dailiana, MD, PhD	Hasnain Zafar, MD	
14:55 - 15:	TKA and UKA-related periprosthetic fractures. Jae-Ang Sim, MD	Infected nonunion of the tibia: treatment strategies. Matheus Azi, MD	Elbow dislocation. Konstantinos Kateros, MD, PhD	Field management, pre-hospital care and triage of mass casualty patients. Faseeh Shahab, MD, MBBS	
45.5-	How can we prevent periprosthetic or	Robinson E. Pires, M.D. Management of metaphyseal and diaphyseal thial malunions using the clambell technique.	Terrible triad injuries.	Damage control orthopedics vs.	
15:05 - 15:	15 peri-implant fractures? Joon-Woo Kim, MD, PhD	tibial malunions using the clamshell technique: pearls and pitfalls. Robinson E. Pires, MD	Terrote thad rijuries. Vassilis Psychoyios, MD, PhD	early total care. Tashfeen Ahmed, MD	
15:15 - 15:	All Discussion.	Kodi Kojima, M.D. Nailing of distal tibia shaft fracture: is there any advantage to fix the fibula? Discussion.	Radial head fractures: ORIF vs. Arthroplasty. Discussion. Stamatis Papadakis, MD, PhD	All Discussion.	
		Kodi Kojima, MD	Summer apadans, MU, PIU		
16:00 - 18:	00	FIOTA INDUCTION CEREMONY		ROOM 1	
		IOTA RECEPTION			
18:00 - 20:		IOTA RECEPTION		FORO EXPO	

October 22						
Scientific presentation	Room 1 SHOULDER	Room 11 EDUCATION AND DIVERSITY	Room 12 HIP FRACTURES			
Moderator	Alessandra Maresca, MD, PhD Gregory Della Rocca	Brian Bernstein, MD Faseeh Shahab, MD	Diego Carvajal, MD Vicente Reyes de la Parra, MD			
08:00 - 08:06	Outcomes of deltoid-sparing versus deltoid- sacrificing approaches to the scapula. Kira Smith, MD	Assessing Barriers to Musculoskeletal Trauma Care in a Large East African Country: A Technical Priorities Survey of Providers Samhita Kadiyala, MD	Multidisciplinary hip fracture management: current standards and practices in Latin America. Verena Oberlohr, BA			
08:06 - 08:12	Global trends in clavicle fracture management: survey based analysis. Arthur Drouaud, MD	Severity of trauma at a tertiary referral center in Ghana: defining the need to improve trauma care. David Anyltey-Kokor, MD	Management preferences for hip fracture care in Latin America. Marcelo Rio, MD			
08:12 - 08:18	Hemiarthroplasty versus nonoperative treatment of comminuted proximal humeral fractures: results of the ProCom multicenter randomized controlled trial. Lennard Nugteren, MD	A new immersive and iterative model for assessing need in global health Andrew W. Grose, MD	Post-operative management following hip fracture fixation in Latin America. Marco Antonio Altamirano-Cruz, MD			
08:18 - 08:24	Acute reverse total shoulder arthroplasty versus internal fixation for 3- and 4- part proximal humerus fractures: a propersity matched analysis of 4,988 elderly patients. Margaret A. Sinkler, MD	Exploring the roots of pediatric chronic osteomyelitis in a low-income country: uncovering factors contributing to vulnerability and late diagnosis. Kiran Agarwal-Harding, MD	Innovative protocol development for ipsilateral floating hip and knee: the floating lower limb ipsilateral protocol (FLIP). Marco Antonio Altamirano-Cruz, M.D.			
08:24 - 08:30	All Discussion.	All Discussion.	All Discussion.			
Symposium	CHALLENGES AROUND THE SHOULDER AND ELBOW	PARTNERING IN GLOBAL ORTHOPEDIC EDUCATION: EMPOWERING SURGEONS IN RESOURCE-LIMITED SETTINGS AND SUSTAINABILITY BUILDING CAPACITY	HIP FRACTURE MANAGEMENT IN LATIN AMERICA			
Moderator 08:30 - 08:35	Berry Meesters, MD Kees Jan Ponsen, MD Introduction. Berry Meesters, MD	Kiran Agarwal Harding, MD Andrew W. Grose, MD Introduction Andrew W. Grose, MD	German Garabano, MD Marcelo Rio, MD Introduction. German Garabano, MD			
08:35 - 08:45	- Recommendation of fractures of the shoulder in the elderty - Fixing the four parts - Reverse total arthroplasty vs. Hemiarthroplasty	Defining Need and Scope of a Program Andrew W. Grose, MD	State of the art hip fracture management in Latin America - quality indicators in hip fracture and strategies for actieving early weight bearing. Aleksandar Munjin, MD			
08:45 - 08:55	in unsolvable fractures Jan Verbruggen, MD, PhD Jochem Hoogendoorn, PhD Robert Jan Derksen, MD	How to create new, or adapt existing systems of training/care at the local and governmental levels. Kiran Agarwal Harding, MD	Simple surgical tips to avoid failure in hijo fractures. Juan Gabriel Reatiga, MD			
08:55 - 09:05	Dealing with complications - Norunion of the upper extremity - Fracture-related infection (FRI) after ORIF: an update - The terrible triad of the elbow Mike Hogervorst, MD	Establishing resource supply chains. Pierre Marie Woolley, MD Caught in the Middle: The Trainee Experience	Hip fracture risk factors, surgical timing, implant choice and complications. Horacio Tabares, MD Intertrochanteric femur fractures: cement			
09:05 - 09:15	Michiel Vorhofstadt, MD, PhD Dennis den Hartog, MD, PhD All	of Bridging Two Worlds David Anyltey-Kokor, MD / Ronald Awoonor-Williams, MD All	augmentation and the use of DHS. Jose Eduardo Quintero, MD Osteosynthesis in unstable proximal femur fractures and intracapsular fractures in the elderly.			
09:15 - 09:30	Discussion.	Discussion. YLECTURE	Discussion. Ricardo Madrigal, MD			
10:00 - 10:30 10:30 - 11:00	"The bony pathoanatomy of shoulder insta	billy: should I repair, reorient or augment?" Lambert RECESS / COMMERCIAL AREA	ROOM 1			
Scientific presentation	HUMERUS	GENERAL INTEREST	LOWER EXTREMITY RECONSTRUCTION			
Moderator	Utku Kandemir, MD Beatriz Olias López Quality of surgical technique in patients with a humeral shaft fracture in the hummer study, an international survey amono expert surveors.	Marcelo Rio, MD Hermes Cañada, MD Patients with vitamin D deficiency are more likely to develop complex regional pain syndrome after extremity fractures: a large database processity-matched cohort study.	Brian Bernstein, MD Gibran Tristan Alpharian, MD Articular violation of the joint during ballistic IMN treatment for femoral and tibal fractures is not associated with increased risk of infection.			
11:06 - 11:12	among expert surgeons. Lennard Nutgurern, MD Global trends for management choices for humeral shaft fractures: bullet health analysis.	database propensity-matched cohort study. Alexander N. Berk, MD Epidemiology of unhoused orthopaedic trauma patients presenting to a metropolitan level 1 trauma center.	Fatima Bouftas, BS Tibial fractures at high risk of infection treated with intramedulary nailing: Do nails with antibacterial coatings make a difference?			
11:12 - 11:18	Arthur Drouaud, MD Clinical and radiological results of 3.5mm locking compression plate fixation for humeral shaft fractures.	Grant McHorse, MD Insurance status and its effect on resource utilization and outcomes in lower extremity trauma.	Nikolaos Kanakaris, MD, PhD New perspectives for bone transport in distraction osteogenesis: The effective compression?			
11:18 - 11:24	Andrea Fidanza, MD Metaphyseal-diaphyseal junction fractures of the distal humerus have high rates of adverse outcomes.	Sunny Trivedi, MD Drones, trenches and amputations- tourniquet syndrome in the war against the Russian occupation of Ukraine.	Edgard Lopez Carreño, MD Impact of obesity on outcomes following saucerization for long bone osteomyelitis: a retrospective cohort study.			
11:24 - 11:30	Mallory Podosin, BS All Discussion.	Juan de Dios Robinson, BA, MBBS, MRCS, MSc All Discussion.	Logan M. Good, MD All Discussion.			
Symposium	ELBOW FRACTURE-DISLOCATIONS: HOW TO IDENTIFY THE INJURY PATTERN AND CHALLENGES IN TREATMENT	CROSSING BORDERS: CARE OF MIGRANT TRAUMA PATIENTS IN THE UNITED STATES AND MEXICO	OPEN TIBIA MANAGEMENT IN LATIN AMERICA			
Moderator	Utku Kandemir, MD Milan Sen, MD	Taylor Yong, MD, MS Kathryn Dwight, MD	Jaime Leal, MD Cristhian Rojas, MD			
11:30 11:35	Introduction: injury patterns: simple to complex. Utku Kandemir, MD	Introduction Taylor Yong, MD, MS	Introduction. Christhian Rojas, MD			
11:35 11:45	Management of anteromedial coronoid fractures. Gregory Della Rocca, MD	Care of the migrant trauma patient in Texas. Taylor Yong, MD, MS	Orthoplastic management of fracture-related infection and grade IIIB open fractures in lower extremities. Alvaro Cordero Herrera, MD, PhD			
11:45 11:55	Management of monteggia and monteggia-equivalent injuries. Milan K. Sen, MD	Care of the migrant trauma patient in California Kathryn Dwight, MD	Fracture prevention strategies and infection prevention after open tibia fractures: local antibiotics and coated nails. Rafael Amadel, MD			
11:55 12:05	Management of transolecranon fracture dislocations. Utku Kandemir, MD	Perspective on care of the migrant trauma patient in Mexico. Victor Toledo-Infanson, MD	Incidence, treatment, and outcomes of open tibia fractures in Latin America. Fredy Santisteban, MD			
12:05 12:15	Management of terrible triad injuries. Stefano Cattaneo, MD	Health equity and ethical considerations in the care of the migrant trauma patient Christian Pean, MD	Conversion from fixator to nail with local antibiotic. Jaime Leal, MD			
12:05 12:15 12:15 12:30		migrant trauma patient				
12:15 12:30 12:30 - 13:00	Stefano Cattaneo, MD All Discussion.	migrant trauma patient Christian Pean, MD All Discussion.	Jaime Leal, MD Open fractures in pediatrics. Discussion.			
12:15 12:30 12:30 - 13:00 13:00 - 13:30 Scientific	Stefano Cattaneo, MD All Discussion. INDUSTRY	migrant trauma patient Christian Pean, MD All Discussion. SYMPOSIUM RECESS / COMMERCIAL AREA TIPS AND TRICKS:	Jaime Leal, MD Open fractures in pediatrics. Discussion. Aramiz Lopez Duran, MD ROOM 1			
12:15 12:30 12:30 - 13:00 13:00 - 13:30	Stefano Cattaneo, MD All Discussion.	migrant trauma patient Christian Pean, MD All Discussion. SYMPOSIUM RECESS / COMMERCIAL AREA	Jaime Leal, MD Open fractures in pediatrics. Discussion. Aramiz Lopez Duran, MD			
12:15 12:30 12:30 - 13:00 13:00 - 13:30 Scientific presentation	All Discussion. INDUSTRY ELBOW AND WRIST Lynn Hutchings, MD	migrant trauma patient Christian Pean, MD All Discussion. SYMPOSIUM RECESS / COMMERCIAL AREA TIPS AND TRICKS: GENERAL INTEREST (TB) Victor de Ridder, MD	Jaime Leal, MD Open fractures in pediatrics. Discussion. Aramiz Lopez Duran, MD ROOM 1 TIBIAL PLATEAU Kees Jan Ponsen, MD			
12:30 - 13:00 12:30 - 13:00 13:00 - 13:30 Scientific presentation Moderator	All Discussion. INDUSTRY ELBOW AND WRIST Lynn Hutchings, MD Nicoló Cosmelli, MD Long-term (10-15 year) functional outcome in adults after a complex elbow dislocation treated with hinged elbow fization: follow-up of a multicenter prospective case series.	TIPS AND TRICKS: GENERAL INTEREST (TB) Victor de Ridder, MD Loupes orly magnification for free itssue transfer in extremity trauma in a low resource setting.	Jaime Leal, MD Open fractures in pediatrics. Discussion. Aramiz Lopez Duran, MD ROOM 1 TIBIAL PLATEAU Kees Jan Ponsen, MD Leon Oikonomau, MD Complications and TKA conversion rates in unicondylar vs. Bicondylar tibil plateau fractures: a retrospective cohort analysis.			
12:30 - 13:00 12:30 - 13:00 13:00 - 13:30 Scientific presentation Moderator 13:30 - 13:35	All Discussion. All Discussion. INDUSTRY ELBOW AND WRIST Lynn Hutchings, MD Nicoló Cosmelli, MD Long-term (10-15 year) functional outcome in adults after a complex elbow dislocation treated with hinged elbow fixation: follow-up of a multicenter prospective case series. Niels Plaisier, MD A new auto-centering hinged external fixator for the treatment of complex elbow instability	TIPS AND TRICKS: GENERAL INTEREST (TB) Victor de Ridder, MD All All Discussion.	Jaime Leal, MD Open fractures in pediatrics. Discussion. Aramiz Lopez Duran, MD ROOM 1 TIBIAL PLATEAU Kees Jan Ponsen, MD Leon Oikonomau, MD Complications and TKA conversion rates in unicondylar vs. Bicondylar tibial plateau fractures: a retrospective cohort analysis. Alexander N. Berk, MD Arthroscopic-assisted percutaneous fixation achieved superior clinical and patient recorded outcomes compared to open reduction and internal fixation for lateral tibial plateau fractures:			
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Cassification of perprosthetic fractures, Jose Eduardo Quintero, MD Lose Eduardo Quintero, MD Periprosthetic fractures, possible management with MiPO. Rafael Amadei, MD	Migrant trauma patient Christian Pean, MD All Discussion. SYMPOSIUM RECESS / COMMERCIAL AREA TIPS AND TRICKS: GENERAL INTEREST (TB) Victor de Ridder, MD Alessandra Maresca, MD Loupes only magnification for free tissue transfer in outremity trauma in a low resource setting. Ronald Awoonor-Williams, MD Introduction of prophylactic continuous local antibiotic perfusion (CLAP) for open fractures. Shota Nakagawa, MD Cannulated cancellous screw fixation for sternal fractures. Yasuhisa Ueda, MD Implementation of 3D printing in traumatology and orthopedics. Marco Aurelio Chavez Cadena, MD Intramedullary fixation with handless screws in unstable meliberaphat fractures. Jorge Humberto Arcefonsilez, MD Percutaneous printing of diplaced positions supracondylar humenal fractures using two transpersable fluoroscopes. Kaito Sugawara, MD Victor de Ridder, MD Victor de Ridder, MD Victor de Ridder, MD Victor de Ridder, MD Use of photodynamic bone stabilization system for bone augmentation and immediate weight bearing in comminised and immediate weight bearing in comminised in discussion, MD Use of photodynamic bone stabilization system for bone augmentation and immediate weight bearing in comminised in stabilization system for bone augmentation and immediate weight bearing in comminised via subscapularis spit approach. Stefano Cattaneo, MD Optimizing plate fixation for anteroriferior glenoid fracture via subscapularis spit approach. Stefano Cattaneo, MD Submuscular anterior-inferior MPO for clavicle diaphyseal fractures in atteletes: a strategy for early return to play. Yosuke Nagal, MD Oliversity and inclusion on Patient Decision of the CALIN technique. Cristofer Muench, MD Diversity And Diviculinion in Orthopaelic Suricers of Continues Reports of Continues Re	TIBIAL PLATEAU Kees Jan Ponsen, MD Leon Olkommau, MD Complications and TKA conversion rates in unicondylar vs. Bicondylar thisip plateau fractures a retrospective cohort analysis. Abeament Vs. Berk, MD Arthroscopic-assisted percutaneous fication achieved superior clinical and patient recorded outcomes compared to open reduction and internal fination for later table plateau fractures. Marc Swirenkowski, MD Knee hemarthrosis appiation and its effect on compartment pressures in this halp lateau fractures. Austin Wyrn, MD Knee hemarthrosis appiation and its retrospective cohort analysis. Austin Wyrn, MD Knee hemarthrosis appiation and its retrospective of the plateau fractures. Austin Wyrn, MD Hinged-knee brace effect on wound complications foliologic that plateau CRE. Lauren Turner, BS All Discussion. GENERAL INTEREST / LOWER EXTREMITY Kees Jan Ponsen, MD Leon Olikonomau, MD Evidence-based joint statement position of bone health optimization in the arthropisticy candidate, from 7 retricoral societies. Roberto Enrique Lopez Cervantes, MD Rotational mailalgement in femonal shaft fractures: a systematic review of indicence and outcomes. Jan Van Meirhaeghe, MD Risk of physeal disturbance with tibial inframedullary nals in sickelably immature positions in not zero. Grant Michorse, MD Risk factors for substatar arthrodesis after calcianeous fractures. Samuel A. Florentino, MD Risk factors for substatar arthrodesis after calcianeous fractures. Samuel A. Florentino, MD Risk factors for substatar arthrodesis after calcianeous fractures. CHALLENGES AND OPPORTUNITIES Robinsone Fires, MD, PhD Hypersodension Eibers, MD, PhD Hypersodension Eibers, MD, PhD Preventing mailaignment in proximal tibial fractures: challenges and solutions. William Belangero, MD, PhD			
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October 23

Room 8

Scientific presentation	GENERAL INTEREST			
Moderator	Victor de Ridder, MD Daniele Santoro, MD			
08:00 - 08:06	Cannabis use linked to bone-healing and infectious complications after upper extremity fracture surgery. Christopher Hamad, MD			
08:06 - 08:12	The role of a multidisciplinary approach to opioid reduction for patients with operatively treated upper extremity fractures. Paul S. Whiting, MD			
08:12 - 08:18	The impact of methamphetamines on hospital disposition and follow-up adherence in lower extremity trauma. Christopher Collins, BS			
08:18 - 08:24	Migration-related vehicular pursuits along the US-Mexico border: an international public health issue with significant orthopaedic disease burden. Taylor Yong, MD, MS			
08:24 - 08:30	The optimal donor site from the foot as a non-vascularized osteochondral graft for the reconstruction of lurate facet defects in distal radius intraarticular fracture: CT and cadaveric study. Jong Woong Park, MD			
Scientific presentation	ACTUAR THE ACTUAR EXPERIENCE: LESSONS LEARNED THROUGH AN INTERNATIONAL RESEARCH COLLABORATIVE NETWORK			
Moderator	Fernando de la Huerta, MD Theodore Miciau, MD			
08:30 - 08:35	Introduction / clinical research in Latin America: what are the obstacles? Fernando de la Huerta, MD			
08:35 - 08:45	Clinical investigations in resource- or infrastructure-limited regions: overcoming barriers. Vincenzo Giordano, MD, PhD			
08:45 - 08:55	Research networks: can they create new opportunities? German Garabano, MD			
08:55 - 09:05	Developing study questions: identifying clinically-relevant research directions in Latin America. Marcelo Rio, MD			
09:05 - 09:15	Executing clinical research studies: strategies and practicalities. Alvaro Cordero, MD			
09:15 - 09:30	All Discussion.			
	HONORARY LECTURE			
10:00 - 10:30	"Microbiome, Genome and beyond!" ROOM 1 Dr. Javad Parvizi			
10:30 - 11:00	RECESS / COMMERCIAL AREA			
Symposium	THE LATIN AMERICAN SPINAL INJURY GROUP: ADVANCES IN CARE			
Moderator	Herman Michael Dittmar Johnson, MD			
11:00 - 11:10	Iniroduction. Herman Michael Dittmar Johnson, MD			
11:10 - 11:20	Advances in the Latin American study group on gunshot wounds of the spine (HPAFC). Herman Michael Dittmar Johnson, MD			
11:20 - 11:30	Surgical management of HPAFC. Javler Mata, MD			
11:30 - 11:40	Standardization of the therapeutic management of spinal cord injuries caused by firearms (PAF). Orlando Guinto, MD			
11:40 - 11:50	Post HPAFC infections. óscar Armando Martinez Gutiérrez, MD			
	Proposed management guidelines for HPFC. Jorge Arturo Cabrera Escamilla, MD			
11:50 - 12:00	Jorge Arturo Cabrera Escamilla, MU			
11:50 - 12:00	Jorge Arturo Cabrera Escamilla, MD Roundtable "HPAFC classification proposal". Mesa Redonda, MD			