





















2nd Triennial IOTA Congress 2025



21st-25th October 2025
Expo Guadalajara, Jalisco. Mexico

08:00 - 08:30				OPENING CEREMONY				ROOM 1											
October 21																			
Room 8 - 10				Room 11				Room 12				Room 13							
Scientific presentation		ANKLE				EDUCATION AND DIVERSITY				PELVIS AND ACETABULUM				HIP FRACTURES					
Moderator		Stephen Kottmeier, MD Guy Putzeys, MD				Thomas Higgins, MD Kelly Lefaiave, MD				Hassam Mir, MD Alessandro Casiraghi, MD				Greg de la Rocca, MD Cesar Alvarez, MD					
08:30 - 08:36		The impact of reduction quality of tibial plafond fractures during temporizing external fixation on final fracture alignment and outcomes. Roberto Hernandez-Izarray, M.D.				Orthopaedic trauma association annual meetings consistently optimize academic value for attendees. Douglas W. Lundy, MD				Acetabulum fracture pattern influence on risk for conversion total hip arthroplasty: a large, comparative database study. Margaret A. Sinkler, MD				LVN-led transitional care coordinator program for hip fractures reduces mortality. Peter Aldo Giammanco, BS					
08:36 - 08:42		A prospective randomized trial to assess early versus delayed weight bearing following operatively treated ankle fractures in the United States METRC. William T. Obremeskey, MD, MPH, FIOTA				Enhancing global orthopaedic education: the role of 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				Multidimensional approach for predicting 30-day mortality in patients with a hip fracture development and external validation of the Rotterdam hip fracture mortality prediction? 30 days (RHMP-30). Eveline de Haan, MD					
08:42 - 08:48		Ct-scan-based assessment of the effect of early weight-bearing after fixation of trimalleolar ankle fracture: a prospective randomized controlled trial interim analysis. Vincent Tomasi, MD				Professional obstacles: a perception-based survey of women members of AO trauma - Latin America. Claudia Marcela Medina Monje, MD				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. Natsumi Saka, MD					
08:48 - 08:54		Perioperative outcomes following open vs closed geriatric ankle fractures: a large, propensity-matched cohort study. Alexander Berk, MD				Investigating the impact of gender biases on career and quality of life: A survey of women orthopaedic surgeons in Latin America. Amparo Gomez Gelvez, MD				Lateral compression 1 (LC1) pelvic ring fracture using beckmann score: indications for surgery, treatment outcome of LC1. Tomoki Kasahara, MD				90-day readmission rates for patients over 65 years old with hip fractures: a retrospective analysis of 534 patients in Argentina. German Garabano, MD					
08:54 - 09:00		All Discussion.				All Discussion.				All Discussion.				All Discussion.					
Symposium		ANKLE FRACTURES: FROM APPROACH TO EARLY WEIGHTBEARING 				ASPECTS OF PATIENT DIVERSITY INCLUDING THE GLOBAL PERSPECTIVE ON ORTHOPAEDIC CLINICS AND RESEARCH 				PELVIC FRACTURES: MANAGEMENT IN CHALLENGING SITUATIONS 				MANAGEMENT OF GERIATRIC HIP FRACTURES IN ECUADOR 					
Moderator		Kees Jan Ponsen, MD Guy Putzeys, MD				Bernd Grimm, MD Dario Garin Zertuche, MD				Brian Bernstein, MBBS Hassan Mir, MD				David Escalante, MD Marco Carrón, MD					
09:00 - 09:05		Introduction. Kees Jan Ponsen, MD				Introduction. Bernd Grimm, MD				Introduction. Brian Bernstein, MBBS				Introduction. Epidemiology and hospital reality. David Escalante, MD Jorge Álvarez, MD					
09:05 - 09:15		Surgical approach in ankle fractures. Guy Putzeys, MD				Patient diversity including genetic, anatomical, ethnic, cultural, socio-economic differences in delivering orthopaedic care or conducting transferable research: What is (not) known? Bernd Grimm, MD				Open pelvic fractures. Lynn Hutchings MB				Preoperative evaluation. Luis Calderón, MD					
09:15 - 09:25		Timing of weight bearing in complex ankle fractures. Jan Van Meirhaeghe, MD				Orthopaedic patients, treatments and outcomes in the context of diversity: The Mexican and Latin-American perspective in clinical practice with a focus on bone anatomy and trauma surgery. José Manuel Pérez Atanasio, MD				Pelvic fracture approaches in the polytrauma patient. Zsolt J. Balogh, MD				Femoral neck fractures. Marcelo Paz, MD					
09:25 - 09:35		When and How to Fix Syndesmosis William T. Obremeskey, MD				ACTUAR - the large Latin-American multi-centric clinical research initiative and infrastructure as an example to generate insights from diverse patients and healthcare systems. Jorge Rubio, MD				Geriatric pelvic fractures. Brian Bernstein, MBBS				Intertrochanteric fractures. Cristian Pintado, MD					
09:35 - 09:45		Treatment of Soft Tissue Injuries in Open Ankle Fractures Lynn Hutchings MB BChir, MSc, DPhil				All Q&A				Pelvic fracture management in resource constrained environments. Sithombi Maqumbo, MD				Complications. Marco Carrión, MD					
09:45 - 10:00		All Discussion.								All Discussion.				Fracture prevention. Discussion. David Escalante, MD					
10:00 - 10:30												RECESS							
Scientific presentation		TIPS AND TRICKS: GENERAL INTEREST				TIBIA				SPINE, PELVIS AND HIP				HIP FRACTURES					
Moderator		Victor de Ridder, MD Cliff Jones, MD				Takashi Miyamoto, MD Matthew Karam, MD				Saam Morshed, MD Stefano Cattaneo, MD				Hiroaki Minehara, MD Ji Wan Kim, MD					
10:30 - 10:35		Optimizing tip-apex distance and calcar-associated tip-apex distance for femoral lag screw placement on intraoperative fluoroscopy. Douglas W. Lundy, MD				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				Impact of surgical delay and predictors of postoperative complications after hip fracture treatment: retrospective analysis on 582 patients in Argentina. German Garabano, MD					
10:35 - 10:40		Outcomes of Masquelet Technique Combined with Gentamicin-Cement-Coated Rigid Nails in the Treatment of Infected Bone Defects German Garabano, MD				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 62B/62c pelvic and acetabular fractures: a retrospective cohort study. Chun-Hao Tsai, MD Hassan Mir, MD				Risks of Intertrochanteric femur fracture versus femoral neck fracture in the setting of arthritis. Ava VanDommelen, BS					
10:40 - 10:45		Role of Approach in Scapula Open Reduction Internal Fixation: Radiographic Outcomes at a Level 1 Trauma Center James Clemmons, MD				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. Rafael Amadei, MD				Post-operative management following hip fracture fixation: an international survey of experts. Vincenzo Giordano, MD, PhD					
10:45 - 10:50		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					
10:50 - 10:55		Use of Ankle Distraction Frames in Treatment of Pilon Fracture Katherine Sborov, MD				All Discussion.				All Discussion.				All Discussion.					
10:55 - 11:00		Femoral Neck System Results in Less Operative Time and Maintains Quality Reduction Compared to DHS Device in Femoral Neck Fractures Diego Martinez Leyton, MD																	
Scientific presentation		TIPS AND TRICKS: GENERAL INTEREST / PELVIS (TC)				INFECTION				PELVIS				PERIPROSTHETIC FRACTURES					
Moderator		Victor de Ridder, MD, Cliff Jones, MD,				Takashi Miyamoto, MD Matthew Karam, MD				Saam Morshed, MD Stefano Cattaneo, MD				Hiroaki Minehara, MD Ji Wan Kim, MD					
11:00 - 11:05		Percutaneous posterior S1 to ilium spinopelvic fixation: limiting the cranial extent of spinopelvic fixation in select posterior pelvic ring injuries. Ashraf N. El Naga, MD				Staged ankle arthrodesis using induced membrane technique for pyogenic arthritis with osteomyelitis. Gen Sasaki, MD				Short-term outcomes of interdigitating percutaneous screw fixation for rommens type I/IIA fragility fractures of the pelvis. Yuhel Nakayama, MD				Comparison of osteosynthesis with and without additional plate for Vancouver type B1 and type C periprosthetic femoral fractures. Ji Wan Kim, MD, PhD					
11:05 - 11:10		Feasibility of minimally invasive spinopelvic and cross-connector placement for select posterior pelvic ring injuries. Ashraf N. El Naga, MD				PO vs IV antibiotics for fracture related infections: bayesian analysis. William T. Obremeskey, MD				Comparing adverse medical events in nonoperative versus surgically managed geriatric pelvic ring injuries: a database study. Kira Smith, MD				Fixator assisted internal fixation in periprosthetic femoral shaft fractures. Alexander Chelnokov, MD					
11:10 - 11:15		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. Obremeskey, MD				Radiological evaluation of rommens type I/IIA fragility fractures of the pelvis. Junya Kondo, MD				Interprosthetic femur fractures: a multi-center retrospective study. Lisa Cannada, MD					
11:15 - 11:20		New external fixation of pelvic ring fractures to reduce lateral femoral cutaneous nerve palsy. Tomomi Fukuhara, MD				Tolerance of preoperative cefazolin administration among penicillin-allergic fracture patients. Gregory J. Della Rocca, MD				Post-traumatic stress disorder following geriatric fragility fractures. Zachery Hong, MPHs				The hidden cost of our job: cancer incidence among male orthopaedic trauma surgeons. Lisa Cannada, MD					
11:20 - 11:25		Iliac crest reconstruction with kirschner wires and bone cement. Aleksandar Murjin, M.D.				All Discussion.				All Discussion.				All Discussion.					
11:25 - 11:30		Treatment of distal tibia fractures with a retrograde intramedullary tibial nail. Marcelo Rio, MD																	
Symposium		3D PRINTING SUPPORT FOR SURGICAL INTERVENTION ON FRACTURES AND SEQUELAE 				POST-TRAUMATIC BONE DEFECTS: MANAGEMENT SOLUTIONS 				WHAT'S NEW IN THE MANAGEMENT OF PELVIC AND ACETABULAR FRACTURES: INDONEISA-SOUTHEAST ASIA PERSPECTIVE 				ANKLE 					
Moderator		Federico Bove, MD / Nicolo Cosmelli, MD Antonello Barbati, MD				Hans-Christoph Pape, MD William Obremeskey, MD				Ismail Hadisoebroto Dilogo, M.D.				Jochem Hoogendoorn, PhD Dennis den Hartog, MD, PhD					
11:30 - 11:35		Introduction. Stefano Cattaneo, MD				Introduction. Chun-Hao Tsai, MD				Introduction. Ismail Hadisoebroto Dilogo, MD				Introduction. Berry Meesters, MD					
11:35 - 11:45		State of the Art Stefano Cattaneo, MD				Distraction osteogenesis for major bone defects: key considerations for success. Yu-Ping Su, MD				Current evidence and reality in polytrauma and pelvic acetabular fracture. Radi Muharris Mulyana, MD				The killing chest: - Resuscitative thoracostomy. - Indications and techniques to fix the flailchest. Michael Edwards, MD Berry Meesters, MD					
11:45 - 11:55		Planning and patient compliance. Andrea Fidanza, MD, PhD				Post-traumatic deformity correction with bone loss: solutions to challenging problems. Yu-Ping Su, MD				Managing central hip dislocation: surgical strategies, clinical cases, and postoperative challenges. Bintang Soetjahyo, MD				The killing bones: - Damage control of the pelvis. - Damage control of the long bone fractures. Mike Hogervorst, MD					
11:55 - 12:05		Custom-made for major trauma and prosthesis. Alessandro Casiraghi, MD				Bone lengthening: nail solutions. David Laniado, MD				Bone lengthening: nail solutions.Quadrilateral plate fractures: Do they require special attention? Ismail Hadisoebroto Dilogo, MD				Phase 2: definitively fixing the survivors. - Timing of and how to fix the pelvis. - Timing of and how to fix spinal fractures. Kees Jan Ponsen, MD Wietse Zuidema, MD, PhD					
12:05 - 12:15		Clinical case presentations Daniele Santoro, MD Emmanuele Santolini, MD Giacomo Papotto, MD				Large segmental defects: 3D printing of titanium alloys. Tian Yun, MD				Intricacies of ABC and ACPHT fractures: How to optimize result. Gibran Tristan Alpharian, MD				All Discussion.					
12:15 - 12:30		Discussion. Fabrizio Cortese, MD				All Discussion.				All Discussion.									
12:30 - 13:30												RECESS							
Symposium		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 					
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 - 13:35		Introduction. Hiroaki Minehara, MD, PhD				Introduction. Diego Carvajal, MD				Introduction. Alberto Delgado-Martínez, MD, PhD				Introduction. Andrii Lysak, MD, PhD					
13:35 - 13:45		Current situation and issues of periprosthetic fractures in a super-aging society. Yoto Oh, MD, PhD				Prophylaxis with antibiotic-coated pins and plates in open fractures. Cristhian Alberto Rojas Herrera, MD				The classic anterior MIPO approach. Eudald Romero-Pijoan, MD				Managing war injuries: considerations for medical volunteerism Victor de Ridder, MD, PhD, MBA					
13:45 - 13:55		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 Israel-Palestinian conflict. David Laniado, MD					
13:55 - 14:05		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 - 14:15		Periprosthetic fracture around total knee arthroplasties. Taketo Kurozumi, MD, PhD				Outcomes of fracture related infections. Amparo Gomez Gelvez, MD				The new anteromedial distal MIPO approach. Hermenegildo Cañada-Oya, MD				Musculoskeletal injuries During the Iraq War: Reconstructive Lessons Learned Daniel J. Stinner, MD, Col, PhD					
14:15 - 14:30		All Discussion.				All Discussion.				All Discussion.				All Discussion.					
Symposium		PERIPROSTHETIC FRACTURES: HOW CAN WE INCREASE FIXATION STABILITY IN PERIPROSTHETIC FRACTURES AND PREVENT PERIPROSTHETIC OR PERI-IMPLANT FRACTURES? 				STRATEGIES FOR PREVENTING AND TREATING COMPLICATIONS IN TIBIAL SHAFT FRACTURES 				COMPLEX ELBOW FRACTURES: TREATMENT OPTIONS 				MASS CASUALTY EXPERIENCES: WHAT DID WE LEARN? 					
Moderator		Ki-Chul Park, MD Jae-Ang Sim, MD				Kodi Kojima, MD Vincenzo Giordano, MD				Zoe Dalliana, MD, PhD Konstantinos Kateros, PhD, MD				Masood Umer, MD / Hasnain Zafar, MD Usama Bin Saeed, MD					
14:30 - 14:35		Introduction. Ki-Chul Park, MD				Introduction. Robinson E. Pires, MD				Introduction. Zoe Dalliana, MD, PhD				Introduction. Masood Umer, MD					
14:35 - 14:45		Epidemiology and Risk Factors of Periprosthetic Fractures Yonghan Cha, MD				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 - 14:55		Management of THA-related periprosthetic fractures, including atypical periprosthetic and acetabular fractures. Ji-Wan Kim, MD				Biofilm formation, antibiotic resistance, and chronic infection in tibial shaft fractures: the lethal triad of fracture related infections. Vincenzo Giordano, MD				Coronal shear fractures. Zoe Dalliana, MD, PhD				Individual hospital based management plans: areas for improvement. Hasnain Zafar, MD					
14:55 - 15:05		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					
15:05 - 15:15		How can we prevent periprosthetic or peri-implant fractures? Joon-Woo Kim, MD, PhD				Robinson E. Pires, M.D. Management of metaphyseal and diaphyseal tibial malunions using the clamshell technique: pearls and pitfalls. Robinson E. Pires, MD				Terrible triad injuries. Vassilis Psychoyios, MD, PhD				Damage control orthopedics vs. early total care. Tashfeen Ahmed, MD					
15:15 - 15:30		All Discussion.				Kodi Kojima, M.D. Nailing of distal tibia shaft fracture: is there any advantage to fix the tibia? a discussion. Kodi Kojima, MD				Radial head fractures: ORIF vs. Arthroplasty. Discussion. Stamatis Papadakis, MD, PhD				All Discussion.					
16:00 - 18:00												FIOTA INDUCTION CEREMONY				ROOM 1			
18:00 - 20:00												IOTA RECEPTION				FORO EXPO			




October 22

	Room 1	Room 11	Room 12
Scientific presentation	SHOULDER	EDUCATION AND DIVERSITY	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 Anyitey-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 propensity 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	Berry Meesters, MD Kees Jan Ponsen, MD	Kiran Agarwal Harding, MD Andrew W. Grose, MD	German Garabano, MD Marcelo Rio, MD
08:30 - 08:35	Introduction. Berry Meesters, MD	Introduction Andrew W. Grose, MD	Introduction. German Garabano, MD
08:35 - 08:45	- Recommendation of fractures of the shoulder in the elderly - Fixing the four parts - Reverse total arthroplasty vs. Hemiarthroplasty in unresolvable fractures Jan Verbruggen, MD, PhD Jochem Hoogendoorn, PhD Robert Jan Derksen, MD	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 achieving early weight bearing. Aleksandar Munjin, MD
08:45 - 08:55	Dealing with complications - Nonunion of the upper extremity - Fracture-related infection (FRI) after ORIF: an update - The terrible triad of the elbow Mike Hogervorst, MD Michiel Verhofstadt, MD, PhD Dennis den Hartog, MD, PhD	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 hip fractures. Juan Gabriel Restiga, MD
08:55 - 09:05		Establishing resource supply chains. Pierre Marie Woolley, MD	Hip fracture risk factors, surgical timing, implant choice and complications. Horacio Tabares, MD
09:05 - 09:15		Caught in the Middle: The Trainee Experience of Bridging Two Worlds David Anyitey-Kokor, MD / Ronald Awoonor-Williams, MD	Intertrochanteric femur fractures: cement augmentation and the use of DHS. Jose Eduardo Quintero, MD
09:15 - 09:30	All Discussion.	All Discussion.	Osteosynthesis in unstable proximal femur fractures and intracapsular fractures in the elderly. Discussion Ricardo Madrigal, MD


10:00 - 10:30	HONORARY LECTURE "The bony pathoanatomy of shoulder instability: should I repair, reorient or augment?" Dr. Simon Lambert	ROOM 1
10:30 - 11:00	RECESS / COMMERCIAL AREA	

Scientific presentation	HUMERUS	GENERAL INTEREST	LOWER EXTREMITY RECONSTRUCTION
Moderator	Utku Kandemir, MD Beatriz Ollas López	Marcelo Rio, MD Hermes Cañada, MD	Brian Bernstein, MD Gibran Tristan Alpharian, MD
11:00 - 11:06	Quality of surgical technique in patients with a humeral shaft fracture in the hummer study: an international survey among expert surgeons. Lennard Nugteren, MD	Patients with vitamin D deficiency are more likely to develop complex regional pain syndrome after extremity fractures: a large database propensity-matched cohort study. Alexander N. Berk, MD	Articular violation of the joint during ballistic IMN treatment for femoral and tibial fractures is not associated with increased risk of infection. Fatima Bouffas, BS
11:06 - 11:12	Global trends for management choices for humeral shaft fractures: bullet health analysis. Arthur Drouaud, MD	Epidemiology of unhoused orthopaedic trauma patients presenting to a metropolitan level 1 trauma center. Grant McHorse, MD	Tibial fractures at high risk of infection treated with intramedullary nailing: Do nails with antibacterial coatings make a difference? Nikolaos Kanakaris, MD, PhD
11:12 - 11:18	Clinical and radiological results of 3.5mm locking compression plate fixation for humeral shaft fractures. Andrea Fidanza, MD	Insurance status and its effect on resource utilization and outcomes in lower extremity trauma. Sunny Trivedi, MD	New perspectives for bone transport in distraction osteogenesis: The effective compression? Edgard Lopez Carreño, MD
11:18 - 11:24	Metaphyseal-diaphyseal junction fractures of the distal humerus have high rates of adverse outcomes. Mallory Podosin, BS	Drones, trenches and amputations- tourniquet syndrome in the war against the Russian occupation of Ukraine. Juan de Dios Robinson, BA, MBBS, MRCS, MSc	Impact of obesity on outcomes following saucerization for long bone osteomyelitis: a retrospective cohort study. Logan M. Good, MD
11:24 - 11:30	All Discussion.	All Discussion.	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 Amadei, 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
12:15 - 12:30	All Discussion.	All Discussion.	Open fractures in pediatrics. Discussion Aramiz Lopez Duran, MD

12:30 - 13:00	INDUSTRY SYMPOSIUM	ROOM 1
13:00 - 13:30	RECESS / COMMERCIAL AREA	

Scientific presentation	ELBOW AND WRIST	TIPS AND TRICKS: GENERAL INTEREST (TB)	TIBIAL PLATEAU
Moderator	Lynn Hutchings, MD Nicolò Cosmelli, MD	Victor de Ridder, MD Alessandra Maresca, MD	Kees Jan Ponsen, MD Leon Oikonomau, MD
13:30 - 13:35	Long-term (10-15 year) functional outcome in adults after a complex elbow dislocation treated with hinged elbow fixation: follow-up of a multilevel prospective case series. Niels Plaisier, MD	Loupes only magnification for free tissue transfer in extremity trauma in a low resource setting. Ronald Awoonor-Williams, MD	Complications and TKA conversion rates in unicondylar vs. Bicondylar tibial plateau fractures: a retrospective cohort analysis. Alexander N. Berk, MD
13:35 - 13:40	A new auto-centering hinged external fixator for the treatment of complex elbow instability Edoardo Crainz, MD	Introduction of prophylactic continuous local antibiotic perfusion (CLAP) for open fractures. Shota Nakagawa, MD	Arthroscopic-assisted percutaneous fixation achieved superior clinical and patient recorded outcomes compared to open reduction and internal fixation for lateral tibial plateau fractures. Marc Swiontkowski, MD
13:40 - 13:45	Is early removal of volar rim plate necessary? Tatsuji Fujiwar, MD	Cannulated cancellous screw fixation for sternal fractures. Yasuhisa Ueda, MD	Knee hemiarthroslis aspiration and its effect on compartment pressures in tibial plateau fractures. Austin Wynn, MD
13:45 - 13:50	Functional outcome after surgical treatment of acute navicular fractures. Esmee Engelmann, MD	Implementation of 3D printing in traumatology and orthopedics. Marco Aurelio Chavez Cadena, MD	Hinged-knee brace effect on wound complications following tibial plateau ORIF. Lauren Turner, BS
13:50 - 13:55		Intramedullary fixation with headless screws in unstable metacarpal fractures. Jorge Humberto Arce González, MD	
13:55 - 14:00	All Discussion.	Percutaneous pinning of displaced pediatric supracondylar humeral fractures using two intraoperative fluoroscopes. Kaito Sugawara, MD	All Discussion.
Scientific presentation	DISTAL FEMUR	TIPS AND TRICKS: UPPER EXTREMITY (TD)	GENERAL INTEREST / LOWER EXTREMITY
Moderator	Lynn Hutchings, MD Nicolò Cosmelli, MD	Victor de Ridder, MD Alessandra Maresca, MD	Kees Jan Ponsen, MD Leon Oikonomau, MD
14:00 - 14:05	To fix or to replace? An analysis of geriatric periprosthetic distal femur fractures treated with open reduction internal fixation, retrograde intramedullary nail, or distal femoral replacement. Margaret A. Sinkler, MD	Use of photodynamic bone stabilization system for bone augmentation and immediate weight bearing in comminuted proximal humerus fractures. Charles Moon, MD	Evidence-based joint statement position of bone health optimization in the arthroplasty candidate, from 7 national societies. Roberto Enrique Lopez Cervantes, MD
14:05 - 14:10	Experience with double plate plus spacer augmentation in complex high-energy distal femur fractures. Cristhian Alberto Rojas Herrera, MD	Optimizing plate fixation for anteroinferior glenoid fracture via subscapularis split approach. Stefano Cattaneo, MD	Rotational malalignment in femoral shaft fractures: a systematic review of incidence and outcomes. Jan Van Meirhaeghe, MD
14:10 - 14:15	Predictive values of smoking, medial comminution, and combined fixation in treating native distal femur fractures: a multicenter retrospective study over 109 fractures. German Garabano, MD	Submuscular anterior-inferior MIPO for clavicle diaphyseal fractures in athletes: a strategy for early return to play. Yosuke Nagai, MD	Risk of physeal disturbance with tibial intramedullary nails in skeletally immature patients is not zero. Grant McHorse, MD
14:15 - 14:20	Suprapatellar tibial nailing and retrograde femoral nailing in floating knee injuries via separate incisions. Margaret A. Sinkler, MD	Glenoid labrum reconstruction: the GALIN technique. Cristofer Muench, MD	Risk factors for subtalar arthrodesis after calcaneus fractures. Samuel A. Florentino, MD
14:20 - 14:25		Double fascicular nerve transfers to restore elbow flexion for upper brachial plexus injuries. Ryosuke Ikeguchi, MD	
14:25 - 14:30	All Discussion.	Patient specific arthroplasty using 3D-metal printing for comminuted coronoid process fractures. Jun Hyuk Lim, MD	All Discussion.
Symposium	CURRENT MANAGEMENT OF PERIPROSTHETIC FRACTURES 	DIVERSITY AND INCLUSION IN ORTHOPAEDIC SURGERY: THINKING OUTSIDE THE BOX 	ACUTE MANAGEMENT AND COMPLICATION HANDLING IN COMPLEX TIBIA FRACTURES: CHALLENGES AND OPPORTUNITIES 
Moderator	Jose Eduardo Quintero, MD Vincenzo Giordano, MD	Vincenzo Giordano, MD, PhD Amparo Gomez, MD	Robinson E. Pires, MD Vincenzo Giordano, MD
14:30 - 14:35	Introduction. Classification of periprosthetic fractures. Jose Eduardo Quintero, MD Jaime Leal, MD	Introduction. Vincenzo Giordano, MD, PhD	Introduction. High-energy tibial plateau fractures: challenges and solutions. Robinson E. Pires, MD, PhD
14:35 - 14:43	How do I manage B2 periprosthetic fractures? Jose Eduardo Quintero, MD	Impact of Diversity and Inclusion on Patient Outcomes Amanda Amaral, MD	The often overlooked and undervalued medial tibial plateau fracture. Robinson E. Pires, MD, PhD
14:43 - 14:51	C periprosthetic fractures, possible management with MIPO. Rafael Amadei, MD	Ageism. Claudia Ramirez, MD	Hyperextension tibial plateau fractures: challenges and solutions. William Belangero, MD, PhD
14:51 - 14:59	Periprosthetic fractures around the knee. Vincenzo Giordano, MD, PhD	Diversity and inclusion in research. Mariana Salazar Del Villar, MD	Preventing malalignment in proximal tibial fractures: optimizing intramedullary nailing techniques. Matheus Azi, MD
14:59 - 15:07		Generational and gender differences in medicine: challenges and opportunities. Vincenzo Giordano, PhD	
15:07 - 15:15	Step-by-step video of periprosthetic fracture surgery in B2 Jose Eduardo Quintero, MD	All Discussion.	Management of bone defect around the tibia using the masquetele technique. Robinson E. Pires, MD, PhD
15:15 - 15:30	All Discussion.		All Discussion.

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 lunate facet defects in distal radius intraarticular fracture: CT and cadaveric study. Jong Woong Park, MD
Scientific presentation	<div>ACTUAR</div> <div>THE ACTUAR EXPERIENCE: LESSONS LEARNED THROUGH AN INTERNATIONAL RESEARCH COLLABORATIVE NETWORK</div> <div></div>
Moderator	Fernando de la Huerta, MD Theodore Miclau, 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.

10:00 - 10:30	HONORARY LECTURE "Microbiome, Genome and beyond!" Dr. Javad Parvizi	ROOM 1
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	Introduction. 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. Javier Mata, MD
11:30 - 11:40	Standardization of the therapeutic management of spinal cord injuries caused by firearms (PAF). Orlando Guínto, MD
11:40 - 11:50	Post HPAFC infections. Óscar Armando Martínez Gutiérrez, MD
11:50 - 12:00	Proposed management guidelines for HPFC. Jorge Arturo Cabrera Escamilla, MD
12:00 - 12:10	Roundtable "HPAFC classification proposal". Mesa Redonda, MD
12:10 - 12:30	All Discussion.