

Combined IOTA 2nd Triennial Meeting and Mexican Federation of Orthopedics and Traumatology (FEMECOT) International Congress



INTERNATIONAL
ORTHOPAEDIC
TRAUMA
ASSOCIATION



October 21-25, 2025

Expo Guadalajara
Jalisco, Mexico

Luis Padilla, MD, FIOTA, Congress Committee, 2nd Triennial/FEMECOT Congress

Thomas F. Higgins, MD, FIOTA, OTA President

Theodore Miclau III, MD, FIOTA, IOTA Steering Committee Chair



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2nd IOTA Triennial Meeting Welcome



Luis Padilla, MD, FIOTA
FEMECOT Congress
2nd Triennial Congress Committees



Theodore Miclau III, MD, FIOTA
IOTA Steering Committee Chair

Dear Colleagues,

On behalf of the International Orthopaedic Trauma Association (IOTA) and the Mexican Federation of Orthopedics and Traumatology (FEMECOT), it is our great pleasure to welcome you to the 2nd IOTA Triennial Meeting, held in the vibrant and historic city of Guadalajara, Mexico.

This gathering marks a significant milestone in our shared mission to advance orthopaedic trauma care across the globe. Over the coming days, you will have the opportunity to engage in a rich scientific program that includes cutting-edge symposia, paper and poster presentations, and our highly anticipated Tips & Tricks sessions—all designed to foster learning, innovation, and the exchange of best practices.

One of the true strengths of the IOTA is the diversity and dedication of our member international trauma societies and their representatives. IOTA's membership has nearly doubled since 2017, growing to 30 societies. IOTA member countries include Argentina, Australia, Belgium, Brazil, China, Colombia, Cuba, Ecuador, Germany, Greece, India, Indonesia, Israel, Italy, Japan, Mexico, Netherlands, Pakistan, Philippines, Republic of Korea, South Africa, South Sudan, Spain, Sweden, Switzerland, Taiwan, Ukraine, United Kingdom, United States/Canada and Venezuela.

This meeting offers a unique platform to connect with peers from around the world, share experiences, and build lasting collaborations that extend far beyond the lecture hall.

We are especially grateful to our local hosts and the IOTA and FEMECOT planning committees for their dedication to bringing this world-class event to life. We are confident that the spirit, culture, and hospitality of Guadalajara will make your experience both professionally enriching and personally memorable.

Thank you for being part of this global effort to improve the lives of trauma patients everywhere. We look forward to an inspiring and productive meeting with all of you.

Sincerely,

Luis Padilla, MD, FIOTA
Congress Committee, 2nd Triennial/FEMECOT Congress

Theodore Miclau III, MD, FIOTA
IOTA Steering Committee Chair



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Combined 2nd IOTA Triennial Meeting and Mexican Federation of Orthopedics and Traumatology (FEMECOT) International Congress Schedule at a Glance

Posters can be viewed throughout the meeting,
Tuesday, October 21 through Friday, October 24.

TUESDAY, OCTOBER 21

8:00 - 8:30 am **Welcome and Introduction** (Room 1)

8:30 - 9:00 am **CONCURRENT PAPER SESSIONS**

- Education and Diversity (Room 11)
- Pelvis and Acetabulum (Room 12)
- Ankle (Room 8-10)
- Hip Fractures (Room 13)

9:00 - 10:00 am **CONCURRENT SYMPOSIA**

- Aspects of Patient Diversity Including the Global Perspective on Orthopaedic Clinics and Research (Room 11)
- Pelvic Fractures: Management in Challenging Situations (Room 12)
- Ankle Fractures: From Approach to Early Weightbearing (Room 8-10)
- Management of Geriatric Hip Fractures in Ecuador (Room 13)

10:00 - 10:30 am **Break & Poster Viewing** (Commercial Area)

10:30 - 11:00 am **CONCURRENT PAPER SESSIONS**

- Tibia (Room 11)
- Spine, Pelvis, and Hip (Room 12)
- Tips & Tricks: General Interest (Room 8-10)
- Hip Fractures (Room 13)

11:00 - 11:30 am **CONCURRENT PAPER SESSIONS**

- Infection (Room 11)
- Pelvis (Room 12)
- Tips & Tricks: General Interest/Pelvis (Room 8-10)
- Periprosthetic Fractures (Room 13)

11:30 am - 12:30 pm **CONCURRENT SYMPOSIA**

- Post-Traumatic Bone Defects: Management Solutions (Room 11)
- What's New in the Management of Pelvic and Acetabular Fractures: Indonesia-Southeast Asia Perspective (Room 12)
- 3D Printing Support for Surgical Intervention on Fractures and Sequelae (Room 8-10)
- How to Fix this Polytrauma Patient? (Room 13)

12:30 - 1:30 pm

1:30 - 2:30 pm

2:30 - 3:30 pm

3:30 - 4:00 pm

4:00 - 6:00 pm

6:00 - 8:00 pm

Lunch & Poster Viewing (Commercial Area)

CONCURRENT SYMPOSIA

- Fracture-Related Infections: Prophylaxis, Treatment, and Outcomes (Room 11)
- Minimally-Invasive Plate Osteosynthesis (MIPO) for Extraarticular Distal Third Humerus Fractures (Room 12)
- Periprosthetic Fractures in Japan (Room 8-10)
- Warfare Injuries: Three Years of Active War Experience (Room 13)

CONCURRENT SYMPOSIA

- Strategies for Preventing and Treating Complications in Tibial Shaft Fracture (Room 11)
- Complex Elbow Fractures: Treatment Options (Room 12)
- Periprosthetic Fractures: How Can We Increase Fixation Stability in Periprosthetic Fractures and Prevent Periprosthetic or Peri-Implant Fractures? (Room 8-10)
- Mass Casualty Experiences: What Did We Learn? (Room 13)

Break & Poster Viewing (Commercial Area)

FIOTA Induction Ceremony (Room 1)

IOTA Reception (Foro Expo)

Schedule at a Glance, continued

Posters can be viewed throughout the meeting,
Tuesday, October 21 through Friday, October 24.

WEDNESDAY, OCTOBER 22

8:00 - 8:30 am	CONCURRENT PAPER SESSIONS - Orthopaedic Trauma in Lesser-Resourced Environments (Room 11) - Shoulder (Room 1) - Hip Fractures (Room 12)
8:30 - 9:30 am	CONCURRENT SYMPOSIA - Partnering in Global Orthopedic Education: Empowering Surgeons in Resource-Limited Settings and Sustainability Building Capacity (Room 11) - Challenges Around the Shoulder and Elbow (Room 1) - Hip Fracture Management in Latin America (Room 12)
9:30 - 10:00 am	Break & Poster Viewing (Commercial Area)
10:00 - 10:30 am	FEMECOT Honorary Lecture (Room 1)
10:30 - 11:00 am	Break & Poster Viewing (Commercial Area)
11:00 - 11:30 am	CONCURRENT PAPER SESSIONS - General Interest (Room 11) - Humerus (Room 1) - Lower Extremity Reconstruction (Room 12)
11:30 am - 12:30 pm	CONCURRENT SYMPOSIA - Crossing Borders: Care of Migrant Trauma Patients in the United States and Mexico (Room 11) - Elbow Fracture Dislocations: How to Identify the Injury Pattern and Challenges in Treatment (Room 1) - Open Tibia Management in Latin America (Room 12)
12:30 - 1:30 pm	Lunch & Poster Viewing (Commercial Area)
1:30 - 2:00 pm	CONCURRENT PAPER SESSIONS - Tips & Tricks: General Interest (Room 11) - Elbow and Wrist (Room 1) - Tibial Plateau (Room 12)
2:00 - 2:30 pm	CONCURRENT PAPER SESSIONS - Tips & Tricks: Upper Extremity (Room 11) - Distal Femur (Room 1) - General Interest/Lower Extremity (Room 12)
2:30 - 3:30 pm	CONCURRENT SYMPOSIA - Diversity and Inclusion in Orthopaedic Surgery: Thinking Outside the Box (Room 11) - Current Management of Periprosthetic Fractures (Room 1) - Acute Management and Complication Handling in Complex Tibia Fractures: Challenges and Opportunities (Room 12)

3:30 - 4:00 pm

Break & Poster Viewing (Commercial Area)

4:00 - 6:00 pm

FEMECOT Opening Ceremony
(Foro Expo)

THURSDAY, OCTOBER 23

8:00 - 8:30 am	Paper Session (Room 8) General Interest
8:30 - 9:30 am	Symposium (Room 8) The ACTUAR Experience: Lessons Learned Through an International Research Collaborative Network
9:30 - 10:00 am	Break & Poster Viewing (Commercial Area)
10:00 - 10:30 am	FEMECOT Honorary Lecture (Room 1)
10:30 - 11:00 am	Break & Poster Viewing (Commercial Area)
11:00 am - 12:30 pm	Symposium (Room 8) The Latin American Spinal Injury Group: Advances in Care
12:30 pm	IOTA 2nd Triennial Meeting Adjourns



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TUESDAY, OCTOBER 21, 2025

Posters can be viewed throughout the meeting, Tuesday, October 21-Friday, October 24.

8:00 - 8:30 am **Welcome and Introduction** (Room 1)
Theodore Miclau III, MD, FIOTA

8:30 - 9:00 am **CONCURRENT PAPER SESSIONS**
Education and Diversity (Room 11); **Pelvis and Acetabulum** (Room 12);
Ankle (Room 8-10); **Hip Fractures** (Room 13)

Paper Session (Room 11)
Education and Diversity
Moderators:
Thomas F. Higgins, MD, FIOTA
Kelly Lefavre, MD, FIOTA

8:30 - 8:36 am **Orthopaedic Trauma Association Annual Meetings Consistently Optimize Academic Value for Attendees**
Douglas W. Lundy, MD, FIOTA

8:36 - 8:42 am **Enhancing Global Orthopaedic Education: The Role of Virtual Conferences Emphasizing Surgical Management with Limited Resources**
Samhita Kadiyala, MD

8:42 - 8:48 am **Professional Obstacles: A Perception-Based Survey of Women Members of AO Trauma - Latin America**
Claudia Medina, MD, FIOTA

8:48 - 8:54 am **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, FIOTA

8:54 - 9:00 am **Discussion**

Paper Session (Room 12)
Pelvis and Acetabulum
Moderators:
Hassan Mir, MD, MBA, FIOTA
Alessandro Casiraghi, MD, FIOTA

8:30 - 8:36 am **Acetabulum Fracture Pattern Influence on Risk for Conversion Total Hip Arthroplasty: A Large, Comparative Database Study**
Margaret A. Sinkler, MD

8:36 - 8:42 am **Femoral Neck Fractures: Are 48 Hours Enough?**
Giacomo Papotto, MD, FIOTA

8:42 - 8:48 am **Traumatic Pelvic Hip Prosthesis Migration with Partial Rupture of the Left External Iliac Artery**
Cynthia Chan, MD

8:48 - 8:54 am **Lateral Compression1 (LC1) Pelvic Ring Fracture Using Beckmann Score: Indications for Surgery, Treatment Outcome of LC1**
Tomoki Kasahara, MD

8:54 - 9:00 am **Discussion**

Paper Session (Room 8-10)
Ankle
Moderators:
Stephen Kottmeier, MD, FIOTA
Guy Putzeys, MD, FIOTA

8:30 - 8:36 am **The Impact of Reduction Quality of Tibial Plafond Fractures during Temporizing External Fixation on Final Fracture Alignment and Outcomes**
Roberto Hernandez-Irizarry, MD

8:36 - 8:42 am **A Prospective Randomized Trial to Assess Early versus Delayed Weight Bearing Following Operatively Treated Ankle Fractures in the United States METRC**
William T. Obremskey, MD, MPH, FIOTA

8:42 - 8:48 am **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

8:48 - 8:54 am **Perioperative Outcomes Following Open vs. Closed Geriatric Ankle Fractures: A Large, Propensity-Matched Cohort Study**
Alexander Berk, MD

8:54 - 9:00 am **Discussion**

Paper Session (Room 13)
Hip Fractures
Moderators:
Chun-Hao Tsai, MD, FIOTA
Augusto Alvarez, MD, FIOTA

8:30 - 8:36 am **LVN-Led Transitional Care Coordinator Program for Hip Fractures Reduces Mortality**
Peter Aldo Giammanco, BS

8:36 - 8:42 am **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

8:42 - 8:48 am **Trends, Regional Variations, and Mortality Impact of Cemented Hemiarthroplasty for Femoral Neck Fractures: A Nationwide Observational Study**
Natsumi Saka, MD

8:48 - 8:54 am **90-Day Readmission Rates for Patients Over 65 Years Old with Hip Fractures: A Retrospective Analysis of 534 Patients in Argentina**
German Garabano, MD, FIOTA

8:54 - 9:00 am **Discussion**

TUESDAY, OCTOBER 21, 2025, continued

9:00 - 10:00 am

CONCURRENT SYMPOSIA

Aspects of Patient Diversity Including the Global Perspective on Orthopaedic Clinics and Research (Room 11); **Pelvic Fractures: Management in Challenging Situations** (Room 12); **Ankle Fractures: From Approach to Early Weightbearing** (Room 8-10); **Management of Geriatric Hip Fractures in Ecuador** (Room 13)

Symposium (Room 11)

Aspects of Patient Diversity Including the Global Perspective on Orthopaedic Clinics and Research

Moderators:

Bernd Grimm, MD

Dario Garin, MD, FIOTA

Presented by members of the International Combined Orthopaedic Research Society - ICORS.



9:00 - 9:05 am **Introduction**
Bernd Grimm, MD

9:05 - 9:18 am **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

9:18 - 9:31 am **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**
Manuel Perez, MD

9:31 - 9:45 am **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

9:45 - 10:00 am **Discussion**

Symposium (Room 12)

Pelvic Fractures: Management in Challenging Situations

Moderators:

Brian Bernstein, MBBS, FIOTA

Hassan Mir, MD, MBA, FIOTA

Presented by members of the International Orthopaedic Trauma Association (IOTA) Societies.



9:00 - 9:05 am **Introduction**
Brian Bernstein, MBBS, FIOTA

9:05 - 9:15 am **Open Pelvic Fractures**
Lynn Hutchings MB Bchir, MSc, DPhil, FIOTA

9:15 - 9:25 am **Pelvic Fracture Approaches in the Polytrauma Patient**
Zsolt J. Balogh, MD, PhD, FIOTA

9:25 - 9:35 am **Geriatric Pelvic Fractures**
Brian Bernstein, MBBS, FIOTA

9:35 - 9:45 am **Pelvic Fracture Management in Resource Constrained Environments**
Sithombo Maqumbo, MD, FIOTA

9:45 - 10:00 am **Discussion**

Symposium (Room 8-10)

Ankle Fractures: From Approach to Early Weightbearing

Moderators:

Kees Jan Ponsen, MD, PhD, FIOTA

Guy Putzeys, MD, FIOTA

Presented by members of the International Orthopaedic Trauma Association (IOTA) Societies.



9:00 - 9:05 am **Introduction**
Kees Jan Ponsen, MD, PhD, FIOTA

9:05 - 9:15 am **Surgical Approach in Ankle Fractures**
Guy Putzeys, MD, FIOTA

9:15 - 9:25 am **Timing of Weight Bearing in Complex Ankle Fractures**
Jan Van Meirhaeghe, MD, FIOTA

9:25 - 9:35 am **When and How to Fix Syndesmosis**
William T. Obremskey, MD, MPH, FIOTA

9:35 - 9:45 am **Treatment of Soft Tissue Injuries in Open Ankle Fractures**
Lynn Hutchings MB Bchir, MSc, DPhil, FIOTA

9:45 - 10:00 am **Discussion**

Symposium (Room 13)

Management of Geriatric Hip Fractures in Ecuador

Moderators:

David Escalante, MD, FIOTA

Marco Carrión, MD, FIOTA

Presented by members of the Ecuadorian Society of Orthopaedics and Traumatology.



9:00 - 9:05 am **Introduction / Epidemiology and Hospital Reality**
David Escalante, MD, FIOTA

9:05 - 9:15 am **Preoperative Evaluation**
Luis Calderón, MD, FIOTA

9:15 - 9:25 am **Femoral Neck Fractures**
Marcelo Paz, MD, FIOTA

9:25 - 9:35 am **Intertrochanteric Fractures**
Cristian Pintado, MD

9:35 - 9:45 am **Complications**
Marco Carrión, MD, FIOTA

9:45 - 10:00 am **Fracture Prevention / Discussion**
David Escalante, MD, FIOTA

10:00 - 10:30 pm

Break and Poster Viewing (Commercial Area)

10:30 - 11:00 am

CONCURRENT PAPER SESSIONS

Tibia (Room 11); **Spine, Pelvis and Hip** (Room 12); **Tips & Tricks: General Interest** (Room 8-10);
Hip Fractures (Room 13)

Paper Session (Room 11)	Paper Session (Room 12)	Paper Session (Room 8-10)	Paper Session (Room 13)
Tibia Moderators: <i>Takashi Miyamoto, MD, PhD, FIOTA</i> <i>Matthew Karam, MD, FIOTA</i>	Spine, Pelvis, and Hip Moderators: <i>Saam Morshed, MD, PhD, FIOTA</i> <i>Stefano Cattaneo, MD, FIOTA</i>	Tips & Tricks: General Interest Moderators: <i>Victor de Ridder, MD, PhD, MBA, FIOTA</i> <i>Clifford B. Jones, MD, FIOTA</i>	Hip Fractures Moderators: <i>Hiroaki Minehara, MD, PhD, FIOTA</i> <i>Ji-Wan Kim, MD, PhD, FIOTA</i>
10:30 - 10:36 am Clinical Outcomes Following Open Tibia Fractures in Latin America: A Multi-National Prospective Study <i>Madeline MacKechnie, PhD</i>	10:30 - 10:36 am Timing for Operative Treatment of Thoracolumbar Fractures without Neurology <i>Henrik Baecker, MD</i>	10:30 - 10:35 am Optimizing Tip-Apex Distance and Calcar-Associated Tip-Apex Distance for Femoral Lag Screw Placement on Intraoperative Fluoroscopy <i>Douglas W. Lundy, MD, FIOTA</i>	10:30 - 10:36 am Impact of Surgical Delay and Predictors of Postoperative Complications After Hip Fracture Treatment: Retrospective Analysis on 582 Patients in Argentina <i>German Garabano, MD, FIOTA</i>
10:36 - 10:42 am New Clinical Score for Comparison Infra-patellar and Suprapatellar Intramedullary Nail Fixation of Tibial shaft Fractures <i>Giacomo Papotto, MD, FIOTA</i>	10:36 - 10:42 am 3D Simulation and Printing in AO/OTA 61C and 628/62C Pelvic and Acetabular Fractures: A Retrospective Cohort Study <i>Chun-Hao Tsai, MD, FIOTA</i>	10:35 - 10:40 am Use of Ankle Distraction Frames in Treatment of Pilon Fracture <i>Katherine Sborov, MD</i>	10:36 - 10:42 am Risks of Intertrochanteric Femur Fracture versus Femoral Neck Fracture in the Setting of Arthritis <i>Ava R. VanDommelen, BS</i>
10:42 - 10:48 am Rotational Malalignment in Tibial Shaft Fractures: A Systematic Review of Incidence and Outcomes <i>Jan Van Meirhaeghe, MD, FIOTA</i>	10:42 - 10:48 am Previous Fever, Increased ASA, and Surgical Delay Increase the Incidence of Surgical Site Infection After Open Acetabular Surgery: Retrospective Study on a Homogeneous Sample <i>Rafael Amadei, MD, FIOTA</i>	10:40 - 10:45 am Role of Approach in Scapula Open Reduction Internal Fixation: Radiographic Outcomes at a Level 1 Trauma Center <i>James Clemmons, MD</i>	10:42 - 10:48 am Post-Operative Management Following Hip Fracture Fixation: An International Survey of Experts <i>Vincenzo Giordano, MD, PhD, FIOTA</i>
10:48 - 10:54 am External Fixator Pin Placement in the Lower Extremity is Safe Without Fluoroscopy <i>Daniel Stinner, MD, Col, PhD, FIOTA</i>	10:48 - 10:54 am Development and Internal Validation of a Clinical Prediction Model for Long-Term Walking Impairment in Hip Fracture Patients: ACT Score <i>Takahiro Inui, MD, FIOTA</i>	10:45 - 10:50 am Ankle Fractures Treated with a Locked Intramedullary Nail <i>Marcelo Rio, MD, FIOTA</i>	10:48 - 10:54 am Reducing AKI Rates in Hip Fractures: Individualized Fluid Resuscitation Protocol Utilizing Noninvasive Plethysmography <i>Douglas W. Lundy, MD, FIOTA</i>
10:54 - 11:00 am Discussion	10:54 - 11:00 am Discussion	10:50 - 10:55 am Outcomes of Masquelet Technique Combined with Gentamicin-Cement-Coated Rigid Nails in the Treatment of Infected Bone Defects <i>German Garabano, MD, FIOTA</i>	10:54 - 11:00 am Discussion
		10:55 - 11:00 am Femoral Neck System Results in Less Operative Time and Maintains Quality Reduction Compared to DHS Device in Femoral Neck Fractures <i>Diego Martinez Leyton, MD</i>	

TUESDAY, OCTOBER 21, 2025, continued

11:00 - 11:30 am

CONCURRENT PAPER SESSIONS

Infection (Room 11); **Pelvis** (Room 12); **Tips & Tricks: General Interest/Pelvis** (Room 8-10);
Periprosthetic Fractures (Room 13)

Paper Session (Room 11)	Paper Session (Room 12)	Paper Session (Room 8-10)	Paper Session (Room 13)
Infection Moderators: <i>Takashi Miyamoto, MD, PhD, FIOTA</i> <i>Matthew Karam, MD, FIOTA</i>	Pelvis Moderators: <i>Saam Morshed, MD, PhD, FIOTA</i> <i>Stefano Cattaneo, MD, FIOTA</i>	Tips & Tricks: General Interest/Pelvis Moderators: <i>Victor de Ridder, MD, PhD, MBA, FIOTA</i> <i>Clifford B. Jones, MD, FIOTA</i>	Periprosthetic Fractures Moderators: <i>Hiroaki Minehara, MD, PhD, FIOTA</i> <i>Ji-Wan Kim, MD, PhD, FIOTA</i>
11:00 - 11:06 am Staged Ankle Arthrodesis Using Induced Membrane Technique for Pyogenic Arthritis with Osteomyelitis <i>Gen Sasaki, MD</i>	11:00 - 11:06 am Short-term Outcomes of Interdigitating Percutaneous Screw Fixation for Rommens Type IIIa Fragility Fractures of the Pelvis <i>Yuhei Nakayama, MD, PhD, FIOTA</i>	11:00 - 11:05 Percutaneous Posterior S1 to Ilium Spinopelvic Fixation: Limiting the Cranial Extent of Spinopelvic Fixation in Select Posterior Pelvic Ring Injuries <i>Ashraf N. El Naga, MD</i>	11:00 - 11:06 am Comparison of Osteosynthesis with and without Additional Plate for Vancouver Type B1 and Type C Periprosthetic Femoral Fractures <i>Ji-Wan Kim, MD, PhD, FIOTA</i>
11:06 - 11:12 am PO vs. IV Antibiotics for Fracture Related Infections: Bayesian Analysis <i>William T. Obremskey, MD, MPH, FIOTA</i>	11:06 - 11:12 am Comparing Adverse Medical Events in Nonoperative versus Surgically Managed Geriatric Pelvic Ring Injuries: A Database Study <i>Kira Smith, MD</i>	11:05 - 11:10 Feasibility of Minimally Invasive Spinopelvic and Cross-Connector Placement for Select Posterior Pelvic Ring Injuries <i>Ashraf N. El Naga, MD</i>	11:06 - 11:12 am Fixator Assisted Internal Fixation in Periprosthetic Femoral Shaft Fractures <i>Alexander Chelnokov, MD</i>
11:12 - 11:18 am Antibiotic Treatment Compliance Among Patients with Fracture Related Infections: A Secondary Analysis of the Pov IV Trial <i>William T. Obremskey, MD, MPH, FIOTA</i>	11:12 - 11:18 am Radiological Evaluation of Rommens Type IIIa Fragility Fractures of the Pelvis <i>Junya Kondo, MD</i>	11:10 - 11:15 A Novel Anterior-to-Posterior Sequential Fixation for the Surgery of Transverse Acetabular Fracture <i>Joon-Woo Kim, MD, PhD, FIOTA</i>	11:12 - 11:18 am Interprosthetic Femur Fractures: A Multi-Center Retrospective Study <i>Lisa Cannada, MD, FIOTA</i>
11:18 - 11:24 am Bacterial Biofilm Mapping from Trauma Hardware Explanted from FRIs <i>Daniel R. Schlatterer, DO, FIOTA</i>	11:18 - 11:24 am Post-Traumatic Stress Disorder Following Geriatric Fragility Fractures <i>Zachery Hong, MPHS</i>	11:15 - 11:20 New External Fixation of Pelvic Ring Fractures to Reduce Lateral Femoral Cutaneous Nerve Palsy <i>Tomomi Fukuhara, MD</i> 11:20 - 11:25 Iliac Crest Reconstruction with Kirschner Wires and Bone Cement <i>Aleksandar Munjin, MD</i>	11:18 - 11:24 am The Hidden Cost of Our Job: Cancer Incidence Among Male Orthopaedic Trauma Surgeons <i>Lisa Cannada, MD, FIOTA</i>
11:24 - 11:30 am Discussion	11:24 - 11:30 am Discussion	11:25 - 11:30 Treatment of Distal Tibia Fractures with a Retrograde Intramedullary Tibial Nail <i>Marcelo Rio, MD, FIOTA</i>	11:24 - 11:30 am Discussion

TUESDAY, OCTOBER 21, 2025, continued

11:30 am - 12:30 pm **CONCURRENT SYMPOSIA**

Post-Traumatic Bone Defects: Management Solutions (Room 11); **What's New in the Management of Pelvic and Acetabular Fractures: Indonesia-Southeast Asia Perspective** (Room 12); **3D Printing Support for Surgical Intervention on Fractures and Sequelae** (Room 8-10); **How to Fix this Polytrauma Patient?** (Room 13)

Symposium (Room 11) Post-Traumatic Bone Defects: Management Solutions

Moderators:
Hans-Christoph Pape, MD, FIOTA
William T. Obremskey, MD, MPH, FIOTA

Presented by members of the International Orthopaedic Trauma Association (IOTA) Societies.



11:30 - 11:35 am **Introduction**
Chun-Hao Tsai, MD

11:35 - 11:45 am **Distraction Osteogenesis for Major Bone Defects: Key Considerations for Success**
Yu-Ping Su, MD, FIOTA

11:45 - 11:55 am **Post-Traumatic Deformity Correction with Bone Loss: Solutions to Challenging Problems**
Yu-Ping Su, MD, FIOTA

11:55 am - 12:05 pm **Bone Lengthening: Nail Solutions**
David Laniado, MD, FIOTA

12:05 - 12:15 pm **Large Segmental Defects: 3D Printing of Titanium Alloys**
Tian Yun, MD, FIOTA

12:15 - 12:30 pm **Discussion**

Symposium (Room 12)

What's New in the Management of Pelvic and Acetabular Fractures: Indonesia-Southeast Asia Perspective

Moderators:
Yoshi Pratama Djaja, MD, FIOTA
Jifaldi Afrian, MD, FIOTA

Presented by members of the Indonesian Orthopaedic Association.



11:30 - 11:35 am **Introduction**
Ismail Hadisoebroto Dilogo, MD, FIOTA

11:35 - 11:45 am **Current Evidence and Reality in Polytrauma and Pelvic Acetabular Fracture**
Radi Muharris Mulyana, MD, FIOTA

11:45 - 11:55 am **Managing Central Hip Dislocation: Surgical Strategies, Clinical Cases, and Postoperative Challenges**
Bintang Soetjahyo, MD, FIOTA

11:55 am - 12:05 pm **Quadrilateral Plate Fractures: Do They Require Special Attention?**
Ismail Hadisoebroto Dilogo, MD, FIOTA

12:05 - 12:15 pm **Intricacies of ABC and ACPHT Fractures: How to Optimize Result**
Gibran Tristan Alpharian, MD, FIOTA

12:15 - 12:30 pm **Discussion**

Symposium (Room 8-10)

3D Printing Support for Surgical Intervention on Fractures and Sequelae

Moderators:
Federico Bove, MD, FIOTA
Nicolo Cosmelli, MD, FIOTA
Antonello Barbati, MD, PhD, FIOTA

Presented by the Hospital Orthopaedists and Traumatologists of Italy.



11:30 - 11:35 am **Introduction**
Stefano Cattaneo, MD

11:35 - 11:45 am **State of the Art**
Stefano Cattaneo, MD

11:45 - 11:55 am **Planning and Patient Compliance**
Andrea Fidanza, MD, PhD, FIOTA

11:55 am - 12:05 pm **Custom-made for Major Trauma and Prosthesis**
Alessandro Casiraghi, MD, FIOTA

12:05 - 12:15 **Clinical Case Presentations**
Daniele Santoro, MD, FIOTA;
Emmanuele Santolini, MD, FIOTA;
Giacomo Papotto, MD, FIOTA

12:15 - 12:30 pm **Discussion**
Fabrizio Cortese, MD

Symposium (Room 13)

How to Fix this Polytrauma Patient?

Moderators:
Jochem Hoogendoorn, PhD, FIOTA
Dennis den Hartog, MD, PhD, FIOTA

Presented by members of the Dutch Association of Trauma Surgery.



11:30 - 11:35 am **Introduction**
Berry Meesters, MD, FIOTA

11:35 - 11:43 am **The Killing Chest: Resuscitative Thoracostomy**
Michael Edwards, MD, FIOTA

11:43 - 11:51 am **The Killing Chest: Indications and Techniques to Fix the Flailchest**
Berry Meesters, MD, FIOTA

11:51 - 11:59 am **The Killing Bones: Damage Control of the Pelvis**
Mike Hogervorst, MD, FIOTA

11:59 am - 12:07 pm **The Killing Bones: Damage Control of the Long Bone Fractures**
Kostan Reisinger, MD, PhD

12:07 - 12:15 pm **Phase 2: Definitively Fixing the Survivors: Timing of and How to Fix the Pelvis**
Kees Jan Ponsen, MD, PhD, FIOTA

12:15 - 12:23 pm **Phase 2: Definitively Fixing the Survivors: Timing of and How to Fix Spinal Fractures**
Wietse Zuidema, MD, PhD, FIOTA

12:23 - 12:30 pm **Discussion**

12:30 - 1:30 pm

Lunch and Poster Viewing (Commercial Area)

1:30 - 2:30 pm

CONCURRENT SYMPOSIA

Fracture-Related Infections: Prophylaxis, Treatment, and Outcomes (Room 11); **Minimally-Invasive Plate Osteosynthesis (MIPO) for Extraarticular Distal Third Humerus Fractures** (Room 12); **Periprosthetic Fractures in Japan** (Room 8-10); **Warfare Injuries: Three Years of Active War Experience** (Room 13)

Symposium (Room 11)	Symposium (Room 12)	Symposium (Room 8-10)	Symposium (Room 13)
Fracture-Related Infections: Prophylaxis, Treatment, and Outcomes Moderators: <i>Diego Carvajal, MD, FIOTA</i> <i>Cristhian Rojas, MD, FIOTA</i> Presented by members of the Colombian Society of Orthopaedic Surgery and Traumatology.	Minimally-Invasive Plate Osteosynthesis (MIPO) for Extraarticular Distal Third Humerus Fractures Moderators: <i>Alberto Delgado-Martínez, MD, PhD, FIOTA</i> <i>Hermenegildo Cañada-Oya, MD, FIOTA</i> Presented by members of the Spanish Society for Orthopaedics and Traumatology.	Periprosthetic Fractures in Japan Moderators: <i>Tomoyuki Noda, MD, PhD, FIOTA</i> <i>Hiroaki Minehara, MD, PhD, FIOTA</i> Presented by members of the Japanese Orthopaedic Trauma Association.	Warfare Injuries: Three Years of Active War Experience Moderators: <i>Michael Suk, MD, JD, MPH, MBA, FIOTA</i> <i>Andrii Lysak, MD, PhD, FIOTA</i> Presented by members of the International Orthopaedic Trauma Association (IOTA) Societies.
			
1:30 - 1:35 pm Introduction <i>Diego Carvajal, MD, FIOTA</i>	1:30 - 1:35 pm Introduction <i>Alberto Delgado-Martínez, MD, PhD, FIOTA</i>	1:30 - 1:35 pm Introduction <i>Hiroaki Minehara, MD, PhD, FIOTA</i>	1:30 - 1:35 pm Introduction <i>Andrii Lysak, MD, PhD, FIOTA</i>
1:35 - 1:45 pm Prophylaxis with Antibiotic-Coated Pins and Plates in Open Fractures <i>Cristhian Rojas, MD, FIOTA</i>	1:35 - 1:45 pm Advancing MIPO Techniques: A Journey of Evolution <i>Beatriz Olías-López, MD, FIOTA</i>	1:35 - 1:45 pm Current Situation and Issues of Periprosthetic Fractures in a Super-Aging Society <i>Yoto Oh, MD, PhD, FIOTA</i>	1:35 - 1:45 pm Managing War Injuries: Considerations for Medical Volunteerism <i>Victor de Ridder, MD, PhD, MBA, FIOTA</i>
1:45 - 1:55 pm Prophylaxis with Local Antibiotic in High-Risk Patients <i>Diego Carvajal, MD, FIOTA</i>	1:45 - 1:55 pm The Posterior MIPO Approach <i>Juan Boluda-Mengod, MD, FIOTA</i>	1:45 - 1:55 pm Periprosthetic Fracture Around Total Shoulder and Total Elbow Arthroplasties <i>Satoshi Oki, MD, PhD, FIOTA</i>	1:45 - 1:55 pm Management of Blast Injuries: Experience from the Israeli-Palestinian Conflict <i>David Laniado, MD, FIOTA</i>
1:55 - 2:05 pm Acute Treatment of Fracture Related Infections <i>Claudia Medina, MD, FIOTA</i>	1:55 - 2:05 pm The Anterior MIPO Approach Using Reversed Proximal Plate <i>Miguel Angel Giráldez-Sánchez, MD, PhD, FIOTA</i>	1:55 - 2:05 pm Periprosthetic Fracture Around Total Hip Arthroplasties <i>Masayuki Ito, MD, PhD FIOTA</i>	1:55 - 2:05 pm Soft Tissue Management of Complex High Energy Open Fracture Wounds <i>Andrii Lysak, MD, PhD, FIOTA</i>
2:05 - 2:15 pm Outcomes of Fracture Related Infections <i>Amparo Gomez Gelvez, MD, FIOTA</i>	2:05 - 2:15 pm The New Anteromedial Distal MIPO Approach <i>Hermenegildo Cañada-Oya, MD, FIOTA</i>	2:05 - 2:15 pm Periprosthetic Fracture Around Total Knee Arthroplasties <i>Taketo Kurozumi, MD, PhD, FIOTA</i>	2:05 - 2:15 pm Musculoskeletal Injuries During the Iraq War: Reconstructive Lessons Learned <i>Daniel J. Stinner, MD, Col, PhD, FIOTA</i>
2:15 - 2:30 pm Discussion	2:15 - 2:30 pm Discussion	2:15 - 2:30 pm Discussion	2:15 - 2:30 pm Discussion

TUESDAY, OCTOBER 21, 2025, continued

2:30 - 3:30 pm

CONCURRENT SYMPOSIA

Strategies for Preventing and Treating Complications in Tibial Shaft Fracture (Room 11); **Complex Elbow Fractures: Treatment Options** (Room 12); **Periprosthetic Fractures: How Can We Increase Fixation Stability in Periprosthetic Fractures and Prevent Periprosthetic or Peri-Implant Fractures?** (Room 8-10); **Mass Casualty Experiences: What Did We Learn?** (Room 13)

Symposium (Room 11)	Symposium (Room 12)	Symposium (Room 8-10)	Symposium (Room 13)
Strategies for Preventing and Treating Complications in Tibial Shaft Fractures Moderators: <i>Kodi Kojima, MD, PhD, FIOTA</i> <i>Vincenzo Giordano, MD, PhD, FIOTA</i> Presented by members of the Brazilian Orthopaedic Trauma Association.	Complex Elbow Fractures: Treatment Options Moderators: <i>Zoe Dailiana, MD, PhD, FIOTA;</i> <i>Konstantinos Kateros, PhD, MD, FIOTA</i> Presented by members of the Hellenic Association of Orthopaedics and Traumatology.	Periprosthetic Fractures: How Can We Increase Fixation Stability in Periprosthetic Fractures and Prevent Periprosthetic or Peri-Implant Fractures? Moderators: <i>Ki-Chul Park, MD, FIOTA</i> <i>Jae-Ang Sim, MD, FIOTA</i> Presented by members of the Korean Orthopaedic Trauma Association.	Mass Casualty Experiences: What Did We Learn? Moderators: <i>Masood Umer, MD, FIOTA</i> <i>Usama Bin Saeed, MD, FIOTA</i> Presented by members of the Pakistan Orthopaedic Association.
			
2:30 - 2:35 pm Introduction <i>Kodi Kojima, MD, PhD, FIOTA</i>	2:30 - 2:35 pm Introduction <i>Zoe Dailiana, MD, PhD, FIOTA</i>	2:30 - 2:35 pm Introduction <i>Ki-Chul Park, MD, FIOTA</i>	2:30 - 2:35 pm Introduction <i>Masood Umer, MD, FIOTA</i>
2:35 - 2:45 pm TAD of the Open Tibia Fracture <i>Kodi Kojima, MD, PhD, FIOTA</i>	2:35 - 2:45 pm Intercondylar Fractures <i>Konstantinos Tilkeridis, MD, PhD, FIOTA</i>	2:35 - 2:45 pm Epidemiology and Risk Factors of Periprosthetic Fractures <i>Yonghan Cha, MD, FIOTA</i>	2:35 - 2:45 pm Lessons Learned From the 2005 Earthquake <i>Prof Maj Gen Sohail Hafeez, FCPS, FCPS(Ortho), FRCSEd</i>
2:45 - 2:55 pm Biofilm Formation, Antibiotic Resistance, and Chronic Infection in Tibial Shaft Fractures: The Lethal Triad of Fracture Related Infections <i>Vincenzo Giordano, MD, PhD, FIOTA</i>	2:45 - 2:55 pm Coronal Shear Fractures <i>Zoe Dailiana, MD, PhD, FIOTA</i>	2:45 - 2:55 pm Management of THA-Related Periprosthetic Fractures, Including Atypical Periprosthetic and Acetabular Fractures <i>Ji-Wan Kim, MD, PhD, FIOTA</i>	2:45 - 2:55 pm Individual Hospital Based Management Plans: Areas for Improvement <i>Sumair Naseem, MD</i>
2:55 - 3:05 pm Nailing of Distal Tibia Fracture <i>Kodi Kojima, MD, PhD, FIOTA</i>	2:55 - 3:05 pm Terrible Triad Injuries <i>Vassilis Psychoyios, MD, PhD, FIOTA</i>	2:55 - 3:05 pm TKA and UKA-Related Periprosthetic Fractures <i>Jae-Ang Sim, MD, FIOTA</i>	2:55 - 3:05 pm Field Management, Pre-Hospital Care and Triage of Mass Casualty Patients <i>Faseeh Shahab, MD, MBBS, FIOTA</i>
3:05 - 3:15 pm Management of Diaphyseal Tibial Malunion using the Clamshell Technique: Pearls and Pitfalls <i>Robinson E. Pires, MD, PhD, FIOTA</i>	3:05 - 3:15 pm Radial Head Fractures: ORIF vs. Arthroplasty/Discussion <i>Stamatis Papadakis, MD, PhD, FIOTA</i>	3:05 - 3:15 pm How Can We Prevent Periprosthetic or Peri-Implant Fractures? <i>Joon-Woo Kim, MD, PhD, FIOTA</i>	3:05 - 3:15 pm Damage Control Orthopedics versus Early Total Care <i>Tashfeen Ahmad, MD, FIOTA</i>
3:15 - 3:30 pm Discussion	3:15 - 3:30 pm Discussion	3:15 - 3:30 pm Discussion	3:15 - 3:30 pm Discussion

3:30 - 4:00 pm

Break and Poster Viewing (Commercial Area)

4:00 - 6:00 pm

FIOTA Induction Ceremony (Room 1)

6:00 - 8:00 pm

IOTA Reception (Foro Expo)

WEDNESDAY, OCTOBER 22, 2025

8:00 - 8:30 am

CONCURRENT PAPER SESSIONS

Orthopaedic Trauma in Lesser-Resourced Environments (Room 11);
Shoulder (Room 1); Hip Fractures (Room 12)

Paper Session (Room 11)

Orthopaedic Trauma in Lesser-Resourced Environments

Moderators:

Brian Bernstein, MBBS, FIOTA

Faseeh Shahab, MD, MBBS, FIOTA

8:00 - 8:06 am **Assessing Barriers to Musculoskeletal Trauma Care in a Large East African Country: A Technical Priorities Survey of Providers**
Samhita Kadiyala, MD

8:06 - 8:12 am **Severity of Trauma at a Tertiary Referral Center in Ghana: Defining the Need to Improve Trauma Care**
David Anyitey-Kokor, MD

8:12 - 8:18 am **A New Immersive and Iterative Model for Assessing Need in Global Health**
Andrew W. Grose, MD

8:18 - 8:24 am **Exploring the Roots of Pediatric Chronic Osteomyelitis in a Low-Income Country: Uncovering Factors Contributing to Vulnerability and Late Diagnosis**
Kiran Agarwal-Harding, MD

8:24 - 8:30 am **Discussion**

Paper Session (Room 1)

Shoulder

Moderators:

Alessandra Maresca, MD, PhD, FIOTA

Utku Kandemir, MD

8:00 - 8:06 am **Outcomes of Deltoid-Sparing versus Deltoid-Sacrificing Approaches to the Scapula**
Kira Smith, MD

8:06 - 8:12 am **Global Trends in Clavicle Fracture Management: Survey Based Analysis**
Arthur Drouaud, MD

8:12 - 8:18 am **Hemiarthroplasty versus Nonoperative Treatment of Comminuted Proximal Humeral Fractures: Results of the ProCon Multicenter Randomized Controlled Trial**
Lennard Nugteren, MD

8:18 - 8:24 am **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

8:24 - 8:30 am **Discussion**

Paper Session (Room 12)

Hip Fractures

Moderators:

Diego Carvajal, MD, FIOTA

Rafael Amadei, MD, FIOTA

8:00 - 8:06 am **Multidisciplinary Hip Fracture Management: Current Standards and Practices in Latin America**
Verena Oberlohr, BA

8:06 - 8:12 am **Management Preferences for Hip Fracture Care in Latin America**
Marcelo Rio, MD, FIOTA

8:12 - 8:18 am **Post-Operative Management Following Hip Fracture Fixation in Latin America**
Vincenzo Giordano, MD, PhD, FIOTA

8:18 - 8:24 am **Innovative Protocol Development for Ipsilateral Floating Hip and Knee: The Floating Lower Limb Ipsilateral Protocol (FLIP)**
Marco Antonio Altamirano Cruz, MD, FIOTA

8:24 - 8:30 am **Discussion**



8:30 - 9:30 am

CONCURRENT SYMPOSIA

Partnering in Global Orthopedic Education: Empowering Surgeons in Resource-Limited Settings and Sustainability Building Capacity (Room 11); Challenges Around the Shoulder and Elbow (Room 1); Hip Fracture Management in Latin America (Room 12)

Symposium (Room 11)

Partnering in Global Orthopedic Education: Empowering Surgeons in Resource-Limited Settings and Sustainability Building Capacity

Moderators:

Kiran Agarwal-Harding, MD
Andrew W. Grose, MD



8:30 - 8:35 am **Introduction**
Andrew W. Grose, MD

8:35 - 8:45 am **Defining Need and Scope of a Program**
Andrew W. Grose, MD

8:45 - 8:55 am **How to Create New, or Adapt Existing Systems of Training/ Care at the Local and Governmental Levels**

Kiran Agarwal-Harding, MD

8:55 - 9:05 am **Establishing Resource Supply Chains**
David Anyitey-Kokor, MD

9:05 - 9:15 am **Caught in the Middle: The Trainee Experience of Bridging Two Worlds**
Ronald Awoonor-Williams, MD

9:15 - 9:30 am **Discussion**

Symposium (Room 1)

Challenges Around the Shoulder and Elbow

Moderators:

Berry Meesters, MD, FIOTA
Kees Jan Ponsen, MD, PhD, FIOTA

Presented by members of the Dutch Association of Trauma Surgery.



8:30 - 8:35 am **Introduction**
Berry Meesters, MD, FIOTA

8:35 - 8:43 am **Shoulder Fractures in the Elderly: Recommendation of Fractures of the Shoulder in the Elderly**
Jan Verbruggen, MD, PhD, FIOTA

8:43 - 8:51 am **Shoulder Fractures in the Elderly: Fixing the Four Parts**
Jochem Hoogendoorn, PhD, FIOTA

8:51 - 8:59 am **Shoulder Fractures in the Elderly: Reverse Total Arthroplasty vs. Hemiarthroplasty in Unsolvably Fractures**
Robert Jan Derksen, MD, FIOTA

8:59 - 9:07 am **Dealing with Complications: Nonunion of the Upper Extremity**
Mike Hogervorst, MD, FIOTA

9:07 - 9:15 am
Dealing with Complications: Fracture-Related Infection (FRI) After ORIF: An Update
Michiel Verhofstadt, MD, PhD, FIOTA

9:15 - 9:23 am
Dealing with Complications: The Terrible Triad of the Elbow
Dennis den Hartog, MD, PhD, FIOTA

9:23 - 9:30 am **Discussion**

Symposium (Room 12)

Hip Fracture Management in Latin America

Moderators:

German Garabano, MD, FIOTA
Marcelo Rio, MD, FIOTA

Presented by members of FEMECOT, ACTUAR, AATO, SCOT and SCCOT.



8:30 - 8:35 am **Introduction**
German Garabano, MD, FIOTA

8:35 - 8:45 am **State of the Art Hip Fracture Management in Latin America: Quality Indicators in Hip Fracture and Strategies for Achieving Early Weightbearing**
Aleksandar Munjin, MD

8:45 - 8:55 am **Simple Surgical Tips to Avoid Failure in Hip Fractures**
Juan Gabriel Reatiga, MD

8:55 - 9:05 am **Hip Fracture Risk Factors, Surgical Timing, Implant Choice and Complications**
Horacio Tabares Neyra, MD, PhD, FIOTA

9:05 - 9:15 am **Intertrochanteric Femur Fractures: Cement Augmentation and the Use of DHS**
Jose Eduardo Quintero, MD, FIOTA

9:15 - 9:30 am **Osteosynthesis in Unstable Proximal Femur Fractures and Intracapsular Fractures in the Elderly / Discussion**
Ricardo Madrigal, MD, FIOTA

9:30 - 10:00 am

Break and Poster Viewing (Commercial Area)

10:00 - 10:30 am

FEMECOT Honorary Lecture (Room 1)

10:30 - 11:00 am

Break and Poster Viewing (Commercial Area)

WEDNESDAY, OCTOBER 22, 2025, continued

11:00 - 11:30 am

CONCURRENT PAPER SESSIONS

General Interest (Room 11); Humerus (Room 1); Lower Extremity Reconstruction (Room 12)

Paper Session (Room 11)
General Interest
Moderators:
Marcelo Rio, MD, FIOTA
Hermenegildo Cañada-Oya, MD, FIOTA

11:00 - 11:06 am **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, FIOTA

11:06 - 11:12 am **Epidemiology of Unhoused Orthopaedic Trauma Patients Presenting to a Metropolitan Level 1 Trauma Center**
Grant McHorse, MD

11:12 - 11:18 am **Insurance Status and Its Effect on Resource Utilization and Outcomes in Lower Extremity Trauma**
Sunny Trivedi, MD

11:18 - 11:24 am **Drones, Trenches and Amputations - Tourniquet Syndrome in the War Against the Russian Occupation of Ukraine**
Juan de Dios Robinson, FRCS (Tr & Orth), (Edin), MSc Trauma Surgery (Military), MSc (Oxford)

11:24 - 11:30 am **Discussion**

Paper Session (Room 1)
Humerus
Moderators:
Utku Kandemir, MD
Beatriz Olías-López, MD, FIOTA

11:00 - 11:06 am **Quality of Surgical Technique in Patients with a Humeral Shaft Fracture in The HUMMER Study: An International Survey Among Expert Surgeons**
Lennard Nugteren, MD

11:06 - 11:12 am **Global Trends for Management Choices for Humeral Shaft Fractures: Bullet Health Analysis**
Arthur Drouaud, MD

11:12 - 11:18 am **Long-Term (10-15 Year) Functional Outcome in Adults After a Simple Elbow Dislocation: Follow-Up of a Multicenter Randomized Controlled Trial**
Niels Plaisier, MD

11:18 - 11:24 am **Metaphyseal-Diaphyseal Junction Fractures of the Distal Humerus Have High Rates of Adverse Outcomes**
Mallory Podosin, BS

11:24 - 11:30 am **Discussion**

Paper Session (Room 12)
Lower Extremity Reconstruction
Moderators:
Brian Bernstein, MBBS, FIOTA
Gibran Tristan Alpharian, MD, FIOTA

11:00 - 11:06 am **Articular Violation of the Joint During Ballistic IMN Treatment for Femoral and Tibial Fractures is not Associated with Increased Risk of Infection**
Fatima Bouftas, BS

11:06 - 11:12 am **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 am **New Perspectives for Bone Transport in Distraction Osteogenesis: The Effective Compression?**
Edgard Lopez Carreño, MD, FIOTA

11:18 - 11:24 am **Impact of Obesity on Outcomes Following Saucerization for Long Bone Osteomyelitis: A Retrospective Cohort Study**
Logan M. Good, MD

11:24 - 11:30 am **Discussion**



11:30 am - 12:30 pm **CONCURRENT SYMPOSIA**

Crossing Borders: Care of Migrant Trauma Patients in the United States and Mexico (Room 11);
Elbow Fracture Dislocations: How to Identify the Injury Pattern and Challenges in Treatment
(Room 1); **Open Tibia Management in Latin America** (Room 12)

Symposium (Room 11)

Crossing Borders: Care of Migrant Trauma Patients in the United States and Mexico

Moderators:
Taylor Yong, MD, MS
Kathryn Dwight, MD



11:30 - 11:35 am **Introduction**
Taylor Yong, MD, MS

11:35 - 11:45 am **Care of the Migrant Trauma Patient in Texas**
Taylor Yong, MD, MS

11:45 - 11:55 am **Care of the Migrant Trauma Patient in California**
Kathryn Dwight, MD

11:55 am - 12:05 pm **Perspective on Care of the Migrant Trauma Patient in Mexico**
Victor Toledo-Infanson, MD, FIOTA

12:05 - 12:15 pm **Health Equity and Ethical Considerations in the Care of the Migrant Trauma Patient**
Toni M. McLaurin, MD

12:15 - 12:30 pm **Discussion**

Symposium (Room 1)

Elbow Fracture Dislocations: How to Identify the Injury Pattern and Challenges in Treatment

Moderators:
Utku Kandemir, MD
Milan K. Sen, MD, FIOTA



11:30 - 11:35 am **Introduction: Injury Patterns: Simple to Complex**
Utku Kandemir, MD

11:35 - 11:45 am **Management of Anteromedial Coronoid Fractures**
Vassilis Psychoyios, MD, PhD, FIOTA

11:45 - 11:55 am **Management of Monteggia and Monteggia-Equivalent Injuries**
Milan K. Sen, MD, FIOTA

11:55 am - 12:05 pm **Management of Transolecranon Fracture Dislocations**
Utku Kandemir, MD

12:05 - 12:15 pm **Management of Terrible Triad injuries**
Stefano Cattaneo, MD, FIOTA

12:15 - 12:30 pm **Discussion**

Symposium (Room 12)

Open Tibia Management in Latin America

Moderators:
Cristhian Rojas, MD, FIOTA
Rafael Amadei, MD, FIOTA

Presented by members of FEMECOT, ACTUAR, AATO and SCCOT.



11:30 - 11:35 am **Introduction**
Cristhian Rojas, MD, FIOTA

11:35 - 11:45 am **Orthoplastic Management of Fracture-Related Infection and Grade IIIB Open Fractures in Lower Extremities**
Alvaro Cordero Herrera, MD, PhD, MHA

11:45 - 11:55 am **Fracture Prevention Strategies and Infection Prevention After Open Tibia Fractures: Local Antibiotics and Coated Nails**
Rafael Amadei, MD, FIOTA

11:55 am - 12:05 pm **Incidence, Treatment, and Outcomes of Open Tibia Fractures in Latin America**
Fredy Santisteban, MD, FIOTA

12:05 - 12:15 pm **Open Fractures in Pediatrics**
Aramiz Lopez Duran, MD

12:15 - 12:30 pm **Discussion**

12:30 - 1:30 pm **Lunch and Poster Viewing** (Commercial Area)



1:30 - 2:00 pm

CONCURRENT PAPER SESSIONS

Tips & Tricks: General Interest (Room 11); **Elbow and Wrist** (Room 1); **Tibial Plateau** (Room 12)

Paper Session (Room 11)	Paper Session (Room 1)	Paper Session (Room 12)
Tips & Tricks: General Interest Moderators: <i>Victor de Ridder, MD, PhD, MBA, FIOTA</i> <i>Alessandra Maresca, MD, PhD, FIOTA</i>	Elbow and Wrist Moderators: <i>Lynn Hutchings, MB BChir, MSc, DPhil, FIOTA</i> <i>Nicoló Cosmelli, MD, FIOTA</i>	Tibial Plateau Moderators: <i>Kees Jan Ponsen, MD, PhD, FIOTA</i> <i>Leon Oikonomau, MD, FIOTA</i>
1:30 - 1:35 pm Loupes Only Magnification for Free Tissue Transfer in Extremity Trauma in a Low-Resource Setting <i>Ronald Awoonor-Williams, MD</i>	1:30 - 1:36 pm 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 <i>Niels Plaisier, MD</i>	1:30 - 1:36 pm Complications and TKA Conversion Rates in Unicondylar vs. Bicondylar Tibial Plateau Fractures: A Retrospective Cohort Analysis <i>Alexander N. Berk, MD</i>
1:35 - 1:40 pm Introduction of Prophylactic Continuous Local Antibiotic Perfusion (CLAP) for Open Fractures <i>Shota Nakagawa, MD</i>	1:36 - 1:42 pm A New Auto-Centering Hinged External Fixator for the Treatment of Complex Elbow Instability <i>Edoardo Crainz, MD, FIOTA</i>	1:36 - 1:42 pm Arthroscopic-Assisted Percutaneous Fixation Achieved Superior Clinical and Patient-Recorded Outcomes Compared to Open Reduction and Internal Fixation for Lateral Tibial Plateau Fractures <i>Marc Swiontkowski, MD, FIOTA</i>
1:40 - 1:45 pm Canulated Cancellous Screw Fixation for Sternal Fractures <i>Yasuhisa Ueda, MD, FIOTA</i>	1:42 - 1:48 pm Is Early Removal of Volar Rim Plate Necessary? <i>Tatsuji Fujiwara, MD</i>	1:42 - 1:48 pm Knee Hemarthrosis Aspiration and Its Effect on Compartment Pressures in Tibial Plateau Fractures <i>Austin Wynn, MD</i>
1:45 - 1:50 pm Implementation of 3D Printing in Traumatology and Orthopedics <i>Marco Aurelio Chavez Cadena, MD, FIOTA</i>	1:48 - 1:54 pm Functional Outcome After Surgical Treatment of Acute Navicular Fractures <i>Esmee Engelmann, MD</i>	1:48 - 1:54 pm Strategic Surgical Approaches for Posterolateral Tibial Plateau Fractures: A Morphology-Based Classification <i>Shunsuke Sato, MD</i>
1:50 - 1:55 pm Intramedullary Fixation with Headless Screws in Unstable Metacarpal Fractures <i>Jorge Arce, MD, FIOTA</i>	1:54 - 2:00 pm Discussion	1:54 - 2:00 pm Discussion
1:55 - 2:00 pm Percutaneous Pinning of Displaced Pediatric Supracondylar Humeral Fractures Using Two Intraoperative Fluoroscopes <i>Kaito Sugawara, MD</i>		

2:00 - 2:30 pm

CONCURRENT PAPER SESSIONS

Tips & Tricks: Upper Extremity (Room 11); **Distal Femur** (Room 1);
General Interest / Lower Extremity (Room 12)

Paper Session (Room 11)	Paper Session (Room 1)	Paper Session (Room 12)
Tips & Tricks: Upper Extremity Moderators: <i>Victor de Ridder, MD, PhD, MBA, FIOTA</i> <i>Alessandra Maresca, MD, PhD, FIOTA</i>	Distal Femur Moderators: <i>Lynn Hutchings, MB BChir, MSc, DPhil, FIOTA</i> <i>Nicoló Cosmelli, MD, FIOTA</i>	General Interest/Lower Extremity Moderators: <i>Kees Jan Ponsen, MD, PhD, FIOTA</i> <i>Leon Oikonomau, MD, FIOTA</i>
2:00 - 2:05 pm Use of Photodynamic Bone Stabilization System for Bone Augmentation and Immediate Weight Bearing in Comminuted Proximal Humerus Fractures <i>Charles Moon, MD</i>	2:00 - 2:06 pm 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 <i>Margaret A. Sinkler, MD</i>	2:00 - 2:06 pm Evidence-Based Joint Statement Position of Bone Health Optimization in the Arthroplasty Candidate, from 7 National Societies <i>Roberto Enrique Lopez Cervantes, MD, FIOTA</i>
2:05 - 2:10 pm Optimizing Plate Fixation for Anteroinferior Glenoid Fracture via Subscapularis Split Approach <i>Stefano Cattaneo, MD, FIOTA</i>	2:06 - 2:12 pm Experience with Double Plate Plus Spacer Augmentation in Complex High-Energy Distal Femur Fractures <i>Crithian Rojas, MD, FIOTA</i>	2:06 - 2:12 pm Rotational Malalignment in Femoral Shaft Fractures: A Systematic Review of Incidence and Outcomes <i>Jan Van Meirhaeghe, MD, FIOTA</i>
2:10 - 2:15 pm Submuscular Anterior-Inferior MIPO for Clavicle Diaphyseal Fractures in Athletes: A Strategy for Early Return to Play <i>Yosuke Nagai, MD</i>	2:12 - 2:18 pm Predictive Values of Smoking, Medial Comminution, and Combined Fixation in Treating Native Distal Femur Fractures: A Multicenter Retrospective Study Over 109 Fractures <i>German Garabano, MD, FIOTA</i>	2:12 - 2:18 pm Risk of Physeal Disturbance with Tibial Intramedullary Nails in Skeletally Immature Patients is Not Zero <i>Grant McHorse, MD</i>
2:15 - 2:20 pm Glenoid Labrum Reconstruction: The GALIN Technique <i>Cristofer Muench, MD</i>	2:18 - 2:24 pm Suprapatellar Tibial Nailing and Retrograde Femoral Nailing in Floating Knee Injuries via Separate Incisions <i>Margaret A. Sinkler, MD</i>	2:18 - 2:24 pm Risk Factors for Subtalar Arthrodesis after Calcaneus Fractures <i>Samuel A. Florentino, MD</i>
2:20 - 2:25 pm Double Fascicular Nerve Transfers to Restore Elbow Flexion for Upper Brachial Plexus Injuries <i>Ryosuke Ikeguchi, MD, FIOTA</i>	2:24 - 2:30 pm Discussion	2:24 - 2:30 pm Discussion
2:25 - 2:30 pm Patient Specific Arthroplasty Using 3D-Metal Printing for Comminuted Coronoid Process Fractures <i>Jun Hyuk Lim, MD</i>		

2:30 - 3:30 pm

CONCURRENT SYMPOSIA

Diversity and Inclusion in Orthopaedic Surgery: Thinking Outside the Box (Room 11);

Current Management of Periprosthetic Fractures (Room 1); **Acute Management**

and Complication Handling in Complex Tibia Fractures: Challenges and Opportunities (Room 12)

Symposium (Room 11)

Diversity and Inclusion in Orthopaedic Surgery: Thinking Outside the Box

Moderators:

Amparo Gomez Gelvez, MD, FIOTA

Vincenzo Giordano, MD, PhD, FIOTA

Presented by members of FEMECOT, ACTUAR, SCCOT, and the Brazilian Orthopaedic Trauma Association.



2:30 - 2:35 pm **Introduction**

Amparo Gomez Gelvez, MD, FIOTA

2:35 - 2:45 pm **Impact of Diversity and Inclusion on Patient Outcomes**

Amanda Amaral, MD

2:45 - 2:55 pm **Ageism**

Claudia Ramirez, MD

2:55 - 3:05 pm **Diversity and Inclusion in Research**

Mariana Salazar, MD

3:05 - 3:15 pm **Generational and Gender Differences in Medicine: Challenges and Opportunities**

Vincenzo Giordano, MD, PhD, FIOTA

3:15 - 3:30 pm **Discussion**

Symposium (Room 1)

Current Management of Periprosthetic Fractures

Moderators:

Jose Eduardo Quintero, MD, FIOTA

Rafael Amadei, MD, FIOTA

Presented by members of the International Orthopaedic Trauma Association (IOTA) Societies.



2:30 - 2:35 pm **Introduction**

Jose Eduardo Quintero, MD, FIOTA

2:35 - 2:45 pm **Classification of Periprosthetic Fractures**

Fredy Santisteban, MD, FIOTA

2:45 - 2:55 pm **How Do I Manage B2 Periprosthetic Fractures?**

Jose Eduardo Quintero, MD, FIOTA

2:55 - 3:05 pm **C Periprosthetic Fractures, Possible Management with MIPO**

Rafael Amadei, MD, FIOTA

3:05 - 3:15 pm **Step-By-Step Video of Periprosthetic Fracture Surgery in B2**

Jose Eduardo Quintero, MD, FIOTA

3:15 - 3:30 pm **Discussion**

Symposium (Room 12)

Acute Management and Complication Handling in Complex Tibia Fractures: Challenges and Opportunities

Moderators:

Robinson E. Pires, MD, PhD, FIOTA

Vincenzo Giordano, MD, PhD, FIOTA

Presented by members of the Brazilian Orthopaedic Trauma Association.



2:30 - 2:35 pm **Introduction**

Vincenzo Giordano, MD, PhD, FIOTA

2:35 - 2:45 pm **Tibial Plateau Fractures: The Game Beyond the Obvious**

Vincenzo Giordano, MD, PhD, FIOTA

2:45 - 2:55 pm **High-Energy Tibial Plateau Fractures: Challenges and Solutions**

Robinson E. Pires, MD, PhD, FIOTA

2:55 - 3:05 pm **The Often Overlooked and Undervalued Medial Tibial Plateau Fracture**

Vincenzo Giordano, MD, PhD, FIOTA

3:05 - 3:15 pm **Hyperextension Tibial Plateau Fractures: Challenges and Solutions**

Robinson E. Pires, MD, PhD, FIOTA

3:15 - 3:30 pm **Discussion**

3:30 - 4:00 pm

Break and Poster Viewing (Commercial Area)

4:00 - 6:00 pm

FEMECOT Opening Ceremony (Foro Expo)

THURSDAY, OCTOBER 23, 2025

8:00 - 8:30 am	Paper Session – General Interest Moderators: <i>Victor de Ridder, MD, PhD, MBA, FIOTA</i> <i>Daniele Santoro, MD, FIOTA</i>	(Room 8)
8:00 - 8:06 am	The Role of a Multidisciplinary Approach to Opioid Reduction for Patients with Operatively Cannabis Use Linked to Bone-Healing and Infectious Complications After Upper Extremity Fracture Surgery <i>Christopher Hamad, MD</i>	
8:06 - 8:12 am	The Role of a Multidisciplinary Approach to Opioid Reduction for Patients with Operatively Treated Upper Extremity Fractures <i>Paul S. Whiting, MD, FIOTA</i>	
8:12 - 8:18 am	The Impact of Methamphetamines on Hospital Disposition and Follow-up Adherence in Lower Extremity Trauma <i>Christopher Collins, BS</i>	
8:18 - 8:24 am	Migration-Related Vehicular Pursuits along the US-Mexico Border: An International Public Health Issue with Significant Orthopaedic Disease Burden <i>Taylor Yong, MD, MS</i>	
8:24 - 8:30 am	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 <i>Jong Woong Park, MD, FIOTA</i>	

8:30 - 9:30 am	Symposium – The ACTUAR Experience: Lessons Learned Through an International Research Collaborative Network Moderators: <i>Fernando De La Huerta, MD, FIOTA</i> <i>Theodore Miclau III, MD, FIOTA</i> Presented by members of FEMECOT, ACTUAR and AATO.	(Room 8)
	  	
8:30 - 8:35 am	Introduction <i>Theodore Miclau III, MD, FIOTA</i>	
8:35 - 8:45 am	Clinical Research in Latin America: What are the Obstacles? <i>Fernando De La Huerta, MD, FIOTA</i>	
8:45 - 8:55 am	Clinical Investigations in Resource- or Infrastructure-Limited Regions: Overcoming Barriers <i>Vincenzo Giordano, MD, PhD, FIOTA</i>	
8:55 - 9:05 am	Research Networks: Can They Create New Opportunities? <i>German Garabano, MD, FIOTA</i>	
9:05 - 9:15 am	Executing Clinical Research Studies: Strategies and Practicalities <i>Alvaro Cordero, MD</i>	
9:15 - 9:30 am	Discussion	

9:30 - 10:00 am **Break and Poster Viewing** (Commercial Area)

10:00 - 10:30 am **FEMECOT Honorary Lecture** (Room 1)

10:30 - 11:00 am **Break and Poster Viewing** (Commercial Area)

11:00 am - 12:30 pm	Symposium – The Latin American Spinal Injury Group: Advances in Care Moderator: <i>Herman Michael Dittmar Johnson, MD, FIOTA</i> Presented by members of FEMECOT.	(Room 8)
		
11:00 - 11:10 am	Introduction <i>Herman Michael Dittmar Johnson, MD, FIOTA</i>	
11:10 - 11:20 am	Advances in the Latin American Study Group on Gunshot Wounds of the Spine (HPAFC) <i>Herman Michael Dittmar Johnson, MD, FIOTA</i>	
11:20 - 11:30 am	Surgical Management of HPAFC <i>Javier Mata, MD</i>	
11:30 - 11:40 pm	Standardization of the Therapeutic Management of Spinal Cord Injuries Caused by Firearms (PAF) <i>Orlando Guinto, MD</i>	
11:40 - 11:50 am	Post HPAFC Infections <i>Oscar Martinez, MD</i>	
11:50 am - 12:00 pm	Proposed Management Guidelines for HPFC <i>Jorge Cabrera, MD</i>	
12:00 - 12:10 pm	Roundtable: H Classification Proposal for the Treatment of Gunshot Wounds of the Spine <i>All Faculty</i>	
12:10 - 12:30 pm	Discussion	

12:30 pm **IOTA 2nd Triennial Meeting Adjourns**



2nd Triennial Meeting Posters

The posters are available for viewing throughout the meeting, Tuesday, October 21 through Friday, October 24.

Basic Science & Biomechanics

- 1 Could 3D Printed Models Reduce Costs and Surgical Time of Complex Proximal Humeral Fractures? *Andrea Fidanza*
- 2 Advanced Technologies in Preoperative Planning: Enhancing Success in Complex Fracture Management *Antonio A. Flores Biard*
- 3 The Pattern and Outcome of Traumatic Limb Amputation in Rwanda *Bonaventure Niyoyita*

Business/Practice Management

- 4 A Quality Improvement Project: Assessment and Management of Anxiety in Preoperative and Postoperative Patients *Alma Valencia-Escobar*
- 5 Exploring Research Knowledge and Interests Among Argentinian Orthopedic Trauma Surgeons: A Survey-Based Study to Implement Strategic Tools for Curricular Development *German Garabano*

Foot, Ankle, Pilon

- 6 Does Delayed Presentation Effect the Functional Outcome of Open Reduction and Internal Fixation of Intra-Articular Calcaneal Fracture? *Faheem Ahmed Abbasi*
- 7 Differences in Pilon Fractures According to Ipsilateral Fibular Injury Patterns: A Clinical Computed Tomography-Based Mapping Study *Jun Young Lee*

General Interest in Trauma

- 8 Firearm Projectile in a Traumatology and Orthopedics Service of a Tertiary Care Hospital *Carlos Joel González Castillo*
- 9 Traumatic Injury Associated with Motorcycle Incidents in Latin America: A Systematic Literature Review *Claudia Medina*
- 10 Gunshot Fractures in a Third Level Hospital in Mexico *Drusso Lopez Estrada*
- 11 Equine Polo-Related Trauma Injuries: A Comprehensive Review of Data from the National Electronic Injury Surveillance System *Dylan Bush*
- 12 Long-Term Effects of Creatine Supplementation in Athletes *Hernik Baecker*
- 13 National Sex Differences in Opioid Prescriptions for Patients Undergoing Ankle Fracture Fixation *Jamie Frost*
- 14 The Epidemiology of War Orthopaedic Trauma in a Frontline Hospital in Ukraine *Juan de Dios Robinson*
- 15 The Effects of a Multimodal Pain Management Approach in Opioid Reduction for Patients with Surgically Treated Tibial Shaft Fractures *Paul S. Whiting*
- 16 The Role of a Multidisciplinary Approach to Opioid Reduction for Orthopaedic Trauma: Tibial Plateau, Pilon and Calcaneus Fractures *Paul S. Whiting*
- 17 Optimal Diffusion Direction Count for Reliable DTI Metrics in Skeletal Muscle *Robert Fisch*
- 18 A Comparison of Clinical and Radiographic Outcomes of Gunshot Related and High Energy Type 3C Gustilo-Anderson at a Single Level One Trauma Center *Robert Mercer*
- 19 Treatment Experience of Patients with Femoral Metastatic Bone Tumors and the Impact of Tumor Boards at Our Hospital *Shingo Ota*
- 20 The Role of Continuous Local Antibiotics Perfusion (CLAP) in Infection Control of Orthopedic Trauma *Toshiki Akasaka*
- 21 Loupes Only Magnification for Free Tissue Transfer in Extremity Trauma in a Low Resource Setting *Isaac Ahorko*

Geriatric Trauma/Fragility Fractures

- 22 Optimal Surgical Intervention of Spinopelvic Dissociation Associated with Fragility Fracture of the Pelvis *Masanori Yoritsumi*
- 23 Perioperative Bone Optimization in Arthroplasty: How are We in México Two Years of Community Outreach? *Roberto Enrique Lopez Cervantes*

Hip and Femur

- 24 AI-Based Quantitative Analysis of Thigh Muscle Volumes Following Antegrade Intramedullary Nail Fixation for Femoral Shaft Fractures *Chuji Terada*
- 25 Dual Mobility in Intracapsular Fractures of the Hip *Dario E. Garin*
- 26 Sciatica Due to Pseudotumor Following a Decade of Metal-on-Metal Bearing Exchange in Post-Traumatic Total Hip Arthroplasty *Diego Martínez Leyton*
- 27 Intramedullary Fixation with Headless Screws in Unstable Metacarpal Neck Fractures in Active Patients: Functional Results *Jorge Arce*
- 28 Hip Fracture in Mexico: The Next Epidemic: Epidemiological Analysis *Jose Manuel Perez Atanasio*
- 29 Cross-Sectional Burden Assessment of Proximal Femur Fractures at Three Central Hospitals in a Low-Income Sub-Saharan African Country *Kiran-Agarwal Harding*
- 30 Retrograde Intramedullary Nailing is an Appropriate Approach to Pathologic Femur Fracture Fixation: A Retrospective Analysis *Margaret A. Sinkler*
- 31 Mortality Trends in Proximal Femur Fragility Fractures: Lessons from a Retrospective Cohort Analysis *Mukesh Kumar*
- 32 Computed Tomography Overestimates Posterior Tilt in Geriatric Garden I/II Femoral Neck Fractures *Neil Jain*
- 33 Percutaneous Anterior Leverage Technique for Anteromedial Cortical Support in Intertrochanteric Femur Fractures: A CT-Based Validation of Technique *Oog-Jin Shon*
- 34 Innovative Treatment for Rescue of Femoral Neck Fractures. Comparison of Two Systems: Proximal Mini Femoral Plate vs. Femoral Neck System *Ricardo Madrigal*
- 35 Comparison of Anterograde and Retrograde Centromedullary Nail in Diaphyseal Fractures of the Femur *Ricardo Madrigal*
- 36 The Screening of Latent Infection in Conversion Total Hip Arthroplasty after Failed Fixation of Acetabular Fracture: A Single-Center Retrospective Study *Sang-Min Kim*
- 37 Biomechanical Differences Between Short and Middle-Length Intramedullary Nails in the Treatment of Comminuted Intertrochanteric Femur Fractures: A Finite Element Analysis *Shozo Kanezaki*
- 38 Treatment of an Atypical Subtrochanteric Femoral Fracture in a Patient with Pycnodysostosis: A Case Report *Shunsuke Saito*
- 39 111 Cases of Clinical Outcomes About Gamma-4 Nails for Trochanteric Fractures *Taro Shiba*
- 40 Dynamic Hip Screws versus Multiple Cannulated Screws for Non-Displaced Intracapsular Femoral Neck Fractures: A Comparative Study of Complications. *Wateen Hammadi*

Knee and Tibial Plateau

- 41 Tibial Plateau Fracture *Augusto Alvarez Rengifo*
- 42 A New Nail for Floating Knee and Urgency *Edoardo Crainz*
- 43 Complex Fractures of the AO 43c2 RUEDI III Tibial Plateau Treated in Two Surgical Stages (Damage Control and Internal Fixation), Using a Dual Approach *Jorge Alberto Barbosa Alvarez*
- 44 Modified Oblique Lobenhoffer (MOL) Approach for Posterolateral and Posteromedial Column Access in Tibial Plateau Fractures: Preliminary Clinical Results. *Juan Boluda-Mengod*
- 45 Ipsilateral Floating Hip and Knee: A Proposal for Floating Lower Limb Diagnosis and Treatment Protocol (FLIP) *Marco Antonio Altamirano-Cruz*

Pediatric

- 46 A Novel Technique for Percutaneous Pinning of Displaced Pediatric Supracondylar Humeral Fractures Using Two Intraoperative Fluoroscopes *Kaito Sugawara*
- 47 Operative Treatment of Femoral Neck Fractures in Young Adults *Takeshi Doi*

2nd Triennial Meeting Posters, continued

The posters are available for viewing throughout the meeting, Tuesday, October 21 through Friday, October 24.

Pelvis and Acetabulum

- 48 Iliac Crest Reconstruction with Kirschner Wires and Bone Cement: A Technical Note and Clinical Outcomes *Diego Martinez Leyton*
- 49 Pelvis Fractures in High Specialty Hospital in México *Guillermo Huerta Espinosa*
- 50 A Novel Anterior-to-Posterior Sequential Fixation for the Surgery of Transverse Acetabular Fracture *Joon-Woo Kim*
- 51 The Incidence of and Factors Affecting Heterotopic Ossification Following Fixation of Acetabular Fractures via a Posterior Approach *Joon-Woo Kim*
- 52 Biomechanical Analysis of Standard Versus Anatomical Quadrilateral Plate for Fixation of Acetabular Fracture *Ramesh Kumar Sen*
- 53 Early Experience in the Management and Outcomes of Pelvic and Acetabular Fractures: A Retrospective Review at Komfo Anokye Teaching Hospital (KATH) *Samuel Brenu*
- 54 Acetabular Fracture Fixation Evaluation: Clinical and Functional Outcomes Assessed with the Modified Harris Hip Score? Insights from a Single Trauma Center *Syed Akmal Sultan*
- 55 New External Fixation of Pelvic Ring Fractures to Reduce Lateral Femoral Cutaneous Nerve Palsy *Tomomi Fukuhara*

Polytrauma/Spine

- 56 Use of Customized 3D Pedicle Navigation Guides for Surgical Management of Spinal Pathology *Drusso Lopez Estrada*
- 57 Retrospective Study of the Outcomes Following Surgical Management of Cervical Myelopathy *Geonhoo Park*
- 58 Retrospective Study of Radiographic Alignment in Cervical Myelopathy *Geonhoo Park*
- 59 Non-Operative Treatment of Odontoid Type II Fractures *Henrik Baecker*
- 60 Outcome After Decompression for Cervical Myelopathy *Henrik Baecker*

Post-Traumatic Reconstruction

- 61 Biomimetic Hematoma as a Novel Delivery Vehicle for rh-BMP2 to Potentiate Bone Regeneration in Recalcitrant Tibial Nonunions: A Comparative Study *Adam Maestas*
- 62 New Times, New Solutions: Assessing Pseudoarthrosis Resolution Using Bone Transport with Measured Bone Compression *Edgard Lopez Carreño*
- 63 Shortening Bone Recovery: Characterizing Bone Transport with Measured Bone Compression in Patients with Bone Loss. *Edgard Lopez Carreño*
- 64 Chronic Osteomyelitis Following Pentazocine Abuse: A Case Series *Emeka Elumelu*
- 65 Patient Reports Quality of Life and Function After Successfully Treating Infected Bone Defects Using the Induced Membrane Technique *German Garabano*
- 66 Comparing Outcomes of Plate Augmentation and Plate Augmentation with Exchange Nailing in the Treatment of Atrophic Femoral Shaft Nonunion After Intramedullary Nailing *Ki Chul Park*
- 67 The Outcomes of the Ilizarov Technique as a Limb Salvage Procedure for Critical Bone Defects in Neglected or Open Lower Extremity Fractures: Experience from a Tertiary Care Trauma Centre *Rahila Kanwal*

Tibia

- 68 Comparison of Tibial Fracture Plate Length, Placement, and Fibular Integrity Effects on Plate Integrity Through Finite Element Analysis *Jae Ang Sim*
- 69 Salvage of a Severely Injured Lower Limb: A Literature Review and Case Report *Mariana Salazar*

- 70 Can Surgeons Rely on the Rafting Technique to Treat Lateral Tibial Plateau Fractures with Joint Depression without Bone Grafting? *Marta Movchan*
- 71 A Scoping Review of the Use of Functional Outcome Tools in Lower Extremity Trauma Literature in Low- and Middle-Income Countries *Philip Hache*
- 72 Severity of Open Fractures Below the Knee at a Tertiary Referral Center in Ghana: An Evolving Management Crisis *Prince Owusu Boadu*
- 73 Ilizarov Ring Fixation use to Treat Infected Tibial Nonunion Fractures: Case Series *Priscilla Halim*
- 74 Preventing Deformity in 43C Tibia Pilon Fractures: Revisiting Conventional Wisdom of Implant Placement *Roberto Hernandez-Irizarry*
- 75 Outcomes of Tibia Fracture Treated with Surgical Implant Generation Nail (Sign) Implant *Shahzad Ahmed Mengal*

Upper Extremity & Wrist

- 76 Internal Osteosynthesis in Multi Fragmentary Distal Humerus Joint Fractures *Alessandra Maresca*
- 77 Multidisciplinary Treatment of Upper Limbs Trauma *Alessandra Maresca*
- 78 Fixator Assisted Nailing of Radial and Ulnar Shaft Fractures in Adults *Alexander Chelnokov*
- 79 Addressing Humeral Nonunion after Failed Fixation, Comparing Techniques *Caleb Bouchard*
- 80 Factors Associated with use of a Posterior Approach and use of Minimally Invasive Plate Osteosynthesis for Plate and Screw Fixation of Middle Third Humeral Diaphysis Fractures *Elizabeth Duckworth*
- 81 Examining Revision Rates and Risk Factors in Thumb Carpometacarpal Arthroplasty *Fatima Bouffas*
- 82 Recommendations Regarding Suspected Scaphoid Fractures Are Associated with Patient and Surgeon Comfort with Uncertainty *Floor Davids*
- 83 Role of Approach in Scapula Open Reduction Internal Fixation: Radiographic Outcomes at a Level 1 Trauma Center *James Clemmons*
- 84 The Reliability, Validity and Prognostic Value of Anatomic and Functional Classifications of Humerus Fractures in Traumatology *Jan Van Meirhaeghe*
- 85 Outcomes after Non-Surgical Management of Shoulder Girdle Injuries in Patients with Rib Fractures: A Pilot Study *Langdon Hartsock*
- 86 Deviating From the AO Guideline in Antegrade Intramedullary Nailing of Humeral Shaft Fractures: One Distal Interlocking Screw Just as Good as Two *Lennard Nugteren*
- 87 Clinical and Patient Reported Outcomes of Proximal Humerus Open Reduction Internal Fixation Augmented with Calcium Sulfate Hydroxyapatite Bio-Composite (CERAMENT) Bone Void Filler *Margaret A. Sinkler*
- 88 Clinical and Radiographic Results of Locking Plate with Medial Support Screw in Proximal Humerus Fracture: The More, the Better? *Myung-Sun Kim*
- 89 Double Fascicular Nerve Transfers to Restore Elbow Flexion for Upper Brachial Plexus Injuries *Ryosuke Ikeguchi*
- 90 Suture-Button Fixation for Treatment of Distal Radioulnar Instability After Distal Radius Fracture: Randomized Control Trial *Seong Ju Choi*
- 91 Comparison of Outcomes Between Primary Total Elbow Arthroplasty and Plate Osteosynthesis in Distal Humerus Fractures with Concomitant Osteoporosis *Sung Ju Kang*



INTERNATIONAL
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ASSOCIATION



**IOTA gives its sincere thanks and gratitude
to the 2nd Triennial Meeting Planning Committee.**

Theodore Miclau III, MD, FIOTA
Luis Padilla, MD, FIOTA
Marco Antonio Altamirano Cruz, MD, FIOTA
Victor de Ridder, MD, PhD, MBA, FIOTA
Kees Jan Ponsen, MD, PhD, FIOTA
Takashi Miyamoto, MD, PhD, FIOTA
Hiroaki Minehara, MD, PhD, FIOTA

**Congratulations to the 2025 Fellows of the IOTA (FIOTA)
inductees from these IOTA member countries.**



Belgium



Brazil



China

Colombia

Cuba

Ecuador

Greece

Indonesia



Israel



Italy



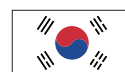
Japan

Mexico



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South Africa

Spain



Taiwan

Ukraine



United Kingdom

United States/Canada





International OTA (IOTA) is a global association of orthopaedic trauma societies. IOTA offers a forum to enhance international collaboration in education, research, leadership and program development.

Contact ota@ota.org for more information!