



## OFFICIAL PROGRAM.

PRESENTIAL and ON LINE - ACADEMIC SUPER WEEK 2025

### EXTREMITY RECONSTRUCTION WORLD COURSE

November 10 - 14 of 2025. Extremities Recon. World Experts Group Meeting

SIMULTANEOUS TRANSLATION - OFFICIAL LANGUAGE ENGLISH AND SPANISH

#### MONDAY 10 NOVEMBER - LUNES 10 DE NOVIEMBRE.

7:00 – 09:00 WELCOME, REGISTRATION AND CODE VALIDATION

- Delivery of badges and course brochures
- Healthy breakfast and refreshments
- Instructions for connecting to the Spanish or English channel – via ZOOM
- Visit to sponsors and a commercial stand
- Welcome to Medellín and CORA Group – Welcome video

09:00 – 09:30 COFFE BREAK – VISIT THE SPONSORS

09:30 – 12:30 DIGITAL OSTEOTOMY PLANNING. Tips for better OSTEOTOMY PROCEDURES

INTERACTIVE ACTIVITY (iPad recommended for workshops)

- Tips and Tricks for Using Digital Planning (Bone Ninja) Jorge Perea MD.
- Planning for Uniapical Deformities of the Femur and Tibia
- Planning for Multiapical Deformities of the Femur and Tibia
- Rules of Osteotomy - León Mora H. MD.
- Case Discussion and Osteotomy Selection (Workshops) Staff CORA Group

12:30 – 13:00 LUNCH – VISIT THE SPONSORS - ALMUERZO Y VISITA A LOS STANDS.

13:00 - 15:00 Applications of Bonendoscopy (LIVE SURGERY) Dr. León Mora

15:00 - 16:00 BONENDOSCOPY Tactics and Tips (Lecture and Practical Exercise) Dr. León Mora  
Video-Assisted Bone Debridement

16:00 – 16:30 COFFE BREAK – VISIT THE SPONSORS

16:00 - 19:00 INDIVIDUAL GUIDED BONEDOSCOPY PRACTICE

Equipment available for practice, immersion, and technical training CORA Group Team

16:00 – 16:30 COFFE BREAK - VISITA SPONSORS

16:30 – 18:30 LIVE SURGICAL OSTEOTOMIES – TIPS AND TRICKS - STEP BY STEP TECHNIQUE  
(Case Discussion, Preoperative Planning, Approach, Surgical tactic, Interactive action)  
FEMUR AND TIBIAL OSTEOTOMY – LIVE SURGERY ACTION León Mora MD.  
- Dome Osteotomy of the Femur – 3D Alignment Surgical Technique  
- Alignment of the Extensor Mechanism – Where to Correct? Clinical Case

17:30 – 19:30 PERIPROSTHETIC INFECTION – TIPS AND TRICKS - STEP BY STEP TECHNIQUE  
(Case Discussion, Preoperative Planning, Approach, Surgical tactic, Interactive action)  
FEMUR AND TIBIAL INFECTION AND REVISION – SURGERY Pablo Corona MD.

19:30 END OF THE DAY – RECOMMENDATIONS. End the Journey

## TUESDAY 11 NOVEMBER - MARTES 11 DE NOVIEMBRE

7:00 – 7:15 Welcome to “Ex-Treme Virtual” Academic Super Week. 2<sup>ND</sup>. DAY CONNECTING  
- Welcome and Passwords for Online participants  
- Reception in virtual room and instructions

### PRESENTIAL PROGRAM AND ON LINE

07:00 – 13:00 SYMPOSIUM ON RECONSTRUCTIVE FOOT AND ANKLE SURGERY  
TACTICS AND TECHNIQUES – LIVE PATIENT OUTCOMES  
( Alexander Kirienko MD.; José R. López MD. ; León Mora H. MD. Pablo Corona MD.)

07:00 – 11:00 FOOT AND ANKLE DEFORMITIES AND RECONSTRUCTION (Live Patients show)  
(Alexander Kirienko MD ; Carlos Sarassa MD ; José Roberto López MD. – León Mora MD)  
- Preoperative Planning for deformity correction (A. Kirienko – L.Mora)  
- Acute or progressive correction ( PEVA deformities) Clinical cases ( L.Mora – A. Kirienko )  
PROGRESIVE CORRECTION Alexander Kirienko MD.  
ACUTE CORRECTION León Mora MD.  
- Charcot and Neuropathic deformities approach and techniques  
- Arthrodesis around de foot and ankle, Tips and Tricks Alexander Kirienko MD.  
- Fusion of the ankle joint using retrograde ETN protect after infection ( G. Schmidmaier )  
- Hindfoot deformities – Planning and tactics José R. López MD.  
- Middle and forefoot deformities – Planning and tactics Alexander Kirienko MD.  
- Hallux Valgus state of art. Tactics and techniques José R. López MD.  
- Small Fingers deformities - How to do it right. José R. López MD.

11:00 - 11:30 COFFE BREAK – VISIT THE SPONSORS

11:30 – 12:00 FOOT AND ANKLE – INTERACTIVE CASE DISCUSSION WITH EXPERTS  
11:30 - 12:00 Tendon transfers, which to select in this case José R. López MD.  
Flat foot and pes cavus Alexander Kirienko MD.  
12:00 - 13:00 BONE INFECTION PROTOCOLS – A Global Initiative Pablo Corona MD.

13:00 – 14:00 LUNCH BREAK – VISIT THE SPONSORS – HEXAPODS FOOT PLANNING  
INTERACTIVE DEFORMITY CORRECTIONS

(Presenter: Pablo Corona MD., Alexander Kirienko MD. Suple Medicos MD.)

13:00 – 15:00 LIVE SURGERY – Correction of acute PEVA. León Mora MD.  
Paciente: IVAN DARIO VALENCIA GONZALEZ

14:00 – 16:00 FOOT AND ANKLE RECONSTRUCTION INTERACTIVE WORKSHOP  
MOUNTS FOR ANGULAR CORRECTION AND MEDIUM AND FOREFOOT LENGTHENING

- Preoperative plan, what can I need. Pablo Corona MD.
- Surgical Techniques – Tactics, Tips and Tricks Alexander Kirienko MD.
- Common mistakes and how to avoid them Alexander Kirienko MD.
- Ilizarov technique DEMO – Hexapod Technique DEMO Alexander Kirienko MD.
- Clinical case presentation – indications and tips León Mora H. MD.

16:00 – 19:00 FOOT AND ANKLE RECONSTRUCTION IN SEVERE TRAUMA

- Preoperative plan, what can I need. Pablo Corona MD.
- Surgical Techniques – Tactic, Tips and Tricks Alexander Kirienko MD.
- Common mistakes and how to avoid them José R. López MD.
- Clinical cases discussion León Mora H. MD.
- Ilizarov technique DEMO – Hexapod Technique DEMO León Mora H MD.

19:00 – 19:05 End the Journey – Remarks

## **WEDNESDAY 12 NOV. – MIERCOLES 12 DE NOVIEMBRE**

7:00 – 7:15 Welcome to “Ex-Treme Virtual” Academic Super Week. 3. DAY CONNECTING

- Welcome and Passwords
- Reception in virtual room

7:00 – 9:00 LIVE SURGICAL WEBINAR – TIPS AND TRICKS AND STEP BY STEP TECHNIQUE  
(Case Discussion, Preoperative Planning, Approach, Surgical tactic, Interactive action)  
EARLY EXCHANGE EX FIX TO IN FIX (LCP PLATE) – LIVE SURGERY ACTION

9:00 – 10:00 LIVE SURGICAL WEBINAR – TIPS AND TRICKS AND STEP BY STEP TECHNIQUE  
(Case Discussion, Preoperative Planning, Approach, Surgical tactic, Interactive action)  
HIP PELVIC SUPPORT OSTEOTOMY (MLRS) – LIVE SURGERY ACTION ()

10:00 – 10:30 COFFEE BREAK – VISIT THE SPONSORS

10:30 – 13:00 “Ex-Treme NEW” **OSSEointegration SYMPOSIUM**  
AMPUTATION OR SALVAGE OF SEVERE POLITRAUMATIZED LIMBS AND BONE  
TUMORS  
(Professors Munjed Almodaris MD. – Pablo Corona MD.)

- Introduction and History OSSEointegration – Munjed Al Muderis MD.
- Initial management in specialized centers, which must be done by the Orthopedist, Surgical times – Pablo Corona MD
- Amputation techniques have evolved and what's new in Prosthetics for amputees Importance of design – Munjed Al Muderis.MD.
- What are my tips and tactics in surgery that will change the outcome? – Pablo Corona MD.

- What I should NOT do and what I should avoid during surgery, during the stages of surgery  
– Munjed Al Mudaris MD.
- Managing complications, difficulties, problems, and after-effects. How to avoid and resolve them. – Pablo Corona MD.
- Comprehensive rehabilitation plan in Osseointegration, what we have learned, how to do it better.  
Pablo Corona MD.
- Details to keep in mind during surgery, which I learned in training León Mora H. MD
- Cases discussion interactive. (Munjed Almodaris MD. – Pablo Corona MD.) Luisa Fernanda FT.

13:00 – 14:00 COFFE BREAK – LUNCH

14:00 – 16:00 LIMB LENGTHENING AND BONE TRANSPORT INDICATIONS

– Interactive case discussion with experts

- Congenital shortening and limb lengthening, How select a good case (Miguel Galban MD.)
- Complications, Problems and sequels in Limb Lengthening (Stephan Quinan MD.)
- Evolution of devices for Lengthening, What is my experience? (Alexander Kirienko MD.)
- Limb Lengthening and deformity correction (What's New) León Mora H. MD.
- Evolution of bone Lengthening, What's my experience? (Stephan Quinnan MD.)
- Bone transport – New Techniques (Stephen QuinnanMD.)
- Distraction Osteogenesis with PRECICE® Nail – case discussion (G. Schmidmaier MD.)

16:00 – 16:30 COFFE BREAK

16:30 – 19:00 SYMPOSIUM OF COMPLICATIONS IN RECONSTRUCTIVE SURGERY AND LIMB LENGTHENING

- Equinovarus foot deformity – De la A a la Z, How avoid and How solutions (A. Kirienko MD.)
- Joint subluxation or dislocation during lengthening, what to do? (Miguel Galbán MD)
- Knee Contracture after lengthening / Modified Judet's Quadricepsplasty - Surgical Tactic (Mauricio Zuluaga MD.)
- Knee flexion contracture solution (León Mora MD.)
- Ask to the Public, What to do about – STAFF PROFESSORS
  - ⇒ What to do in Bone Transport Exposition?
  - ⇒ What to do in Callotasis and new osteogenic bone Infection
  - ⇒ What to do in Slowly callotasis maturity – bad regenerate
  - ⇒ What to do in Bone with callotasis fracture
- Residual bone deformity – Approach and solutions

19:00 – 19:05 End the Journey – Final del día

## THURSDAY, 13 NOV.

7:00 – 7:15 Welcome to “Ex-Treme Virtual” Academic Super Week. 4. DAY CONNECTING

- Welcome and Passwords
- Reception in virtual room

7:15 – 8:30 Congenital pseudoarthrosis of Tibia – PALEY INSTITUTE® TECHNIQUES

- Diagnosis and classification
- Preoperative plan, what can I need.
- Surgical Techniques – Tactic, Tips and Tricks
- Common mistakes and how to avoid them
- Clinical cases discussion

8:30 – 13:00 CONGENITAL PSEUDOARTHROSIS OF TIBIA – LIVE SURGERY By DROR PALEY

10:00 – 10:30 Coffe Break

10:30 – 12:00 LIVE SURGICAL CASES – TIPS AND TRICKS AND STEP BY STEP TECHNIQUE  
(Case Discussion, Preoperative Planning, Aproach, Surgical tactic, Interactive action)  
CAVITARY BONE DEFECTS – VIDEO SURGERY ACTION  
Case # 1 Professor Thierry Begué  
Case # 2 Professor Stephen Quinnan  
Case # 3 Professor Gerhard Schmidmaier

12:00 – 13:00 COFFE BREAK – LUNCH – VISIT THE SPONSORS

12:00 – 13:00 HIP AND PELVIS RECONSTRUCTION IN CHILDRENS AND ADULTS  
- Hip Pelvic Support Osteotomy, Focus in Technique and Tips ( Alexander Kirienko MD. )  
- THR Failure and Not candidate for revision, What to do? ( León Mora H. MD. )  
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13:00 – 15:00 WOUND MANAGEMENT SYMPOSIUM – WHAT'S NEW – Interactive Discussion with experts  
- Biofilm it's the big problem? ( New Products and tips) Gerhard Schmidmaier MD.  
- VAC Therapy, Evolution, Indications, Tips and Triks Mauricio Zuluaga MD.  
- Tactics for Soft cover – Wound management, My preferred flap Mauricio Zuluaga MD.  
- Orthoplastic is a new speciality? Thierry Begué MD.  
- Cases Discussion – Interactive with the experts Thierry Begué MD.  
- Skin coverage defects of the ankle and foot ( CASES – A.Kirienko – L.Mora  
- Amputation or preservation in severe trauma Munjed Al Mudaris MD.

15:00 – 16:00 INTRAMEDULLARY NAIL FOR LIMB LENGTHENING AND RECONSTRUCTION SYMPOSIUM  
- Tips and tricks in intraoperative technique Dror Paley MD.  
- Bone Transport with Intramedullary Nails Stephan Quinnan MD.  
- Cases discussion interactive. Intramedullary nails in Trauma ( STAFF PROFESSORS ) ( Mauricio Zuluaga MD., Stephan Quinnan MD., León Mora H. MD )

16:00 – 17:00 SYMPOSIUM – MYTHS AND TRUTHS OF BONE SUBSTITUTES AND BMP-2  
- Evolution of Bone Substitutes - Clinical application and results Gerhard Schmidmaier MD.  
- Applications of bone substitutes, role in bone infections Gerhard Schmidmaier MD.  
- Morphogenic protein BMP-2 Mechanism of action Mauricio Zuluaga MD.  
- BMP-2 Infuse® Clinical Experience and indications León Mora H. MD.

17:00 – 19:00 SYMPOSIUM – MYTHS AND TRUTHS OF BIOGLASS – BONALIVE® SYMPOSIUM  
- History of Bioglass ( Sallamarja M )  
- Bioquemistry and action mechanism ( Sallamarja M. )  
- Clinical application and results – Use Bioglass SP53P4 in fracture related infection ( Gerhard Schmidmaier MD. )  
- Applications of Bioglass, role in bone infections and Tumors ( Thierry Begué MD. )  
- Bioglass Indications and Clinical cases in Reconstructive surgery ( Thierry Begué MD. )  
- Bioglass Clinical Experience and indications in childrens León Mora MD.  
- Extreme cases and new perspectives for application León Mora H. MD.  
- Masqueleth Technique with Bioglass Gerhard Schmidmaier MD.  
- Masquelet Clinical Cases – Tips and Tricks – results Thierry Begué MD.

19:15 – 19:30 INSTRUCTIONS FOR CONNECTING TO THE ZOOM PLATFORM - CODE

19:30 – 21:00 " Ex-Treme Virtual" GLOBAL DINNER OF FRIENDS OF RECONSTRUCTIVE SURGERY DETAILS TO KEEP IN MIND DURING SURGERY. THIS TIP CHANGED MY SURGICAL RESULTS. I'M SHARING IT WITH YOU. Connect via ZOOM cod.  
- This is my advice to you - Professors Alexander Kirienko  
- This is my advice to you - Professors León Mora H.

- This is my advice to you - Professors Miguel Galbán
- This is my advice to you - Professors Thierry Begué
- This is my advice to you - Professors Carlos Sarassa
- This is my advice to you - Professors Pablo Corona
- This is my advice to you - Professors Dror Paley
- This is my advice to you - Professors Munjed Al Mudaris
- This is my advice to you - Professors Stephen Quinnan

## FRIDAY, 14 NOV

7:00 – 7:15 Welcome to “Ex-Treme Virtual” Academic Super Week. 5. DAY CONNECTING

- Welcome and Passwords
- Reception in virtual room

7:15 – 10:00 “Ex-Treme Virtual” ALL ABOUT KNEE DEFORMITIES AND RECONSTRUCTION . Tips for better KNEE SOLUTIONS

INTERACTIVE ACTIVITY ( Expert Panel – Ask to the Professor)

- Knee Deformity Analisys Clinic and imagens(León Mora H.MD.)
- Congenital Knee Deformities – Clinical cases discussion and solution (Dror Paley MD.)
- Knee deformity associated with ligament instability– Discussion and solution (Dror Paley)
- Acute or progressive correction around the knee deformities, how to select the method (Mauricio Zuluaga MD.)
- Osteotomy Knee Options. Case discussion and Solution (Staff Professors)
- Patelofemoral Subluxation and deformities. Case discussion and solutions (León Mora H.MD.)
- Fresh allografts in knee reconstruction. Perspective and Indications ( JB. Alzate MD.)
- Conversion of knee arthrodesis to TKA arthroplasty. Indications and Tips. (León Mora H.MD.)
- Clinical Cases discussion. Expert panel.

10:00 – 10:30 COFFE BREAK

10:30 – 13:00 “ALL ABOUT BONE INFECTIONS SYMPOSIUM. Tips for better SOLUTIONS - BONE INFECTION "THE CURRENT CHALLENGE"

INTERACTIVE ACTIVITY ( Expert Panel – Ask to the Professor)

- Infection by Multiresistant Bacteria, where are we going (Thierry Begué )
- Endomedullary Infection - Local and Pandiaphysitis, Therapeutic Approach(León Mora H. )
- Alternatives in Segmental Bone Infection (Thierry Begué.MD.)
- Osteosynthesis Material Associated Infection - Total Approach and Options(Mauricio Zuluaga MD.)
- Biofilm, What to do, it can be fought, in which we have advanced with this enemy (Gerhard Schmidmaier MD.).
- Bone infection and skin defects, comprehensive approach Orthoplastic view (Thierry Begué MD.)
- Fusion of the ankle join usin retrograde ETN protect after infection ( G. Schmidmaier MD.)
- Severe trauma with highly contaminated tissues, what can we do? ( Clinical Case)
- Why I prefer antibiotic cement and Masqueleth membrane in Bone infection ( G.Schmidmaier MD.).
- Cavitary Bone Defect, contaminated dead space, how do I handle it?
  - o Failed hip and knee arthroplasty and big bone defects - 15 min.
  - o Rational use of bone substitutes with antibiotics, when and how? ()
  - o Bioglass has a role in cavitary infection management - Surgical tactic ()
- Amputation is an option in severe bone infection - which I have learned from patients. (Munjed Al Mudaris MD.)
- Difficult and extreme cases, can we do something? Case discussion and ask to experts ( Cases discussions – Staff Professors)

13:00 – 14:00 LUNCH – MASTER LECTURE By THEDDY SLONGO MD.

13:00 – 14:00 ALL ABOUT FIXATORS – ILIZAROV OR HEXAPODS – WHAT'S NEW – Interactive Discussion with expert THEDDY SLONGO MD.

- How to select the External Fixator
- Tactics for Apply the Hexapods well, which has changed
- Software is important when choosing a Hexapod
- Will Ilizarov's circular system endure or is it a classic that will disappear?
- Cases Discussion – Interactive with the Professor Slongo

14:00 – 16:00 "Ex-Treme" ABOUT BONE DEFECTS SYMPOSIUM. Tips for better SOLUTIONS

INTERACTIVE ACTIVITY ( Expert Panel – Ask to the Professor)

- Bone cages and 3D models for bone defects reconstruction (Gerhard Schmidmaier MD.)
- Orthoplastics, Current Focus on Severe Bone and Soft Tissue Trauma ( Thierry Begué MD.))
- Masqueleth Membrane Technique; Technique has evolved, how to do it right (Gerhard Schmidmaier MD.)
- Bone transport with cables, Technique, tips and tricks. It's a good option? ( Stephan Quinnan MD.))
- Acute limb shortening technique, how to do it right, indications and cases (León Mora H. MD.))
- Bone Transport and Distraction Osteogenesis, Why is it the best option? (M. Zuluaga MD)
- Bone transport with intramedullary Nails, evolution of the technique ( Stephan Quinnan MD.))
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- Amputation, Osseointegration in severe limb trauma, When to make the decision ( Munjed Al Mudaris MD.))

16:00 – 16:30 COFFE BREAK – VISIT THE SPONSORS

16:30 – 18:00 SYMPOSIUM EXTREME CASES IN RECONSTRUCTIVE SURGERY

CLINICAL CASES PRESENTATION ( STAFF OF PROFFESORS)

- CASE 1	Mauricio Zuluaga MD.
- CASE 2	León Mora H. MD.
- CASE 3	Stephan Quinnan MD.
- CASE 4	Thierry Begué MD.
- CASE 5	Munjed Al Mudaris MD.

18:00 – 19:00 REHABILITATION IN RECONSTRUCTION AND LIMB LENGTHENING – LATINAMERICAN

PALEY INSTITUTE® - CORA Group TECHNIQUES – FT. Luisa F

- How to create a physiotherapy and rehabilitation team
- Physiotherapy protocols in congenital deformities
- Protocol and Tips in handling the external fixator
- Step by Step in therapy during bone lengthening
- Handling complicated cases, tips
- Family management and stress during the reconstruction process

19:00 – 19:05 End the Journey, Bye ACADEMIC SUPERWEEK