



PRELIMINARY PROGRAM.

“ EX-TREME VIRTUAL” ACADEMIC SUPER WEEK 2020

 EX -TREMITY RECONSTRUCTION WORLD COURSE

November 9 - 15 of 2020. Extremities Recon. World Experts Group Meeting

MONDAY 09 NOV.

- 7:00 – 8:00 Welcome to “Ex-Treme Virtual” Academic Super Week. Tips for better connection
- Welcome words and Passwords (León Mora MD)
 - Reception in virtual room
 - How to optimize a virtual presentation – How to have simultaneous translation
 - Panel of experts, Welcome to the Professors and Sponsors
 - Welcome to Medellín and CORA Group
 - Welcome to the Sponsors
- 8:00 – 11:00 LIVE SURGICAL WEBINAR – TIPS AND TRICKS AND STEP BY STEP TECHNIQUE
(Case Discussion, Preoperative Planning, Approach, Surgical tactic, Interactive action)
FEMUR AND TIBIAL OSTEOTOMY – LIVE SURGERY ACTION (León Mora MD.)
- 11:00 – 12:00 COFFE BREAK – LUNCH – VISIT THE SPONSORS
- 12:00 – 16:00 “ Ex-Treme Virtual” EUROPE CONNECTION SYMPOSIUM
FOOT AND ANKLE DEFORMITIES AND RECONSTRUCTION
- Preoperative Planning for deformity correction (León Mora MD. - JRL)
 - Acute or progressive correction (PEVA deformities) Clinical cases ()
 - Charcoth and Neuropathic deformities approach and techniques
 - Arthrodesis around de foot and ankle, Tips and Tricks ()
 - Hindfoot deformities – Planning and tactics ()
 - Middle and forefoot deformities – Planning and tactics ()
 - Hallux Valgus state of art. Tactics and techniques ()
 - Small Fingers deformities - How to do it right. ()
- 16:00 – 18:00 FOOT AND ANKLE – interactive case discussion with experts
- Tendon transfers, which to select in this case ()
 - Skin coverage defects of the ankle and foot ()
 - Amputation or preservation in severe trauma ()
- 18:00 – 19:00 CLUBFOOT SYMPOSIUM – A Global Initiative
- Ponseti Method presentation, Tactics and Tips ()

- Ponseti method errors and complications ()
 - What to do when the method does not work ()
- 19:00 – 21:00 “Ex-Treme Virtual” AMERICA CONNECTION SYMPOSIUM
Congenital pseudoarthrosis of Tibia – PALEY INSTITUTE® TECHNIQUES
- Diagnosis and clasification
 - Preoperative plan, what can I need.
 - Surgical Techniques – Tactic, Tips and Tricks
 - Common mistakes and how to avoid them
 - Clinical cases discussion
- 21:00 – 21:05 End the Journey

TUESDAY 10 NOV.

- 7:00 – 7:15 Welcome to “Ex-Treme Virtual” Academic Super Week. 2ND. DAY CONNECTING
- Welcome and Passwords
 - Reception in virtual room
- 7:15 – 9:00 “Ex-Treme Virtual” DIGITAL OSTEOTOMY PLANNING. Tips for better OSTEOTOMIES
INTERACTIVE ACTIVITY (Recommended to have an iPad for workshops)
- Tips and Tricks for use a Digital Planning Program (Bone Ninja) (León Mora MD.)
 - Uniapical Tibial deformities Planning
 - Uniapical Femoral deformities Planning
 - Panel of experts, Case discussion ()
 - Workshops and discussion
- 9:00 – 9:30 Coffe Break
- 9:30 – 11:30 LIVE SURGICAL WEBINAR – TIPS AND TRICKS AND STEP BY STEP TECHNIQUE
(Case Discussion, Preoperative Planning, Aproach, Surgical tactic, Interactive action)
EARLY EXCHANGE EX FIX TO IN FIX (LCP PLATE) – LIVE SURGERY ACTION
- 11:30 – 12:00 COFFE BREAK – LUNCH – VISIT THE SPONSORS
- 12:00 – 16:00 “Ex-Treme Virtual” EUROPE AND AMERICA CONNECTION SYMPOSIUM
CHILDREN’S DEFORMITIES AND RECONSTRUCTION TOPICS
- Preoperative Planning for deformity correction In Children’s ()
 - Acute or progressive correction deformities Clinical cases ()
 - Limb lengthening in Children’s approach and techniques ()
 - Bone Fragility – Deformity correction- Tips and Tricks ()
 - Guided Growth, Indications, Tactic and Tips ()
- COMPLEX FRACTURES IN CHILDREN’S – THE BETTER OPTIONS
- Elbow trauma approach, Acute and sequelae tactics ()
 - Management of Polytrauma in Children, there are differences ()
 - Ligament injuries in children, is there something new? ()
 - Case discussion interactive, Cross fire and tips ()
- 16:00 – 18:00 LIMB LENGTHENING COMPLICATIONS – interactive case discussion with experts
- Congenital shortening and limb lengthening, How select a good case ()
 - Complications, Problems and sequels in Limb Lengthening ()
 - Evolution of devices for Lengthening, What is my experience?()
 - Residual deformity corrections with Hexapods ()
- 18:00 – 19:00 SYMPOSIUM – MYTHS AND TRUTHS OF BONE SUBSTITUTES AND BMP-2
- Evolution of Bone Substitutes - Clinical application and results ()
 - Applications of bone substitutes, role in bone infections ()
 - Morphogenic protein BMP-2 Mechanism of action ()
 - BMP-2 Infuse® Clinical Experience and indications ()
- 19:00 – 21:00 “Ex-Treme Virtual” AMERICA CONNECTION SYMPOSIUM – MASTER CLASS

SUPER HIP EVOLUTION FOR CFD – PALEY INSTITUTE® TECHNIQUES

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

21:00 – 21:05 End the Journey

WEDNESDAY 11 NOV.

- 7:00 – 7:15 Welcome to “Ex-Treme Virtual” Academic Super Week. 3. DAY CONNECTING
- Welcome and Passwords
 - Reception in virtual room
- 7:15 – 9:00 “Ex-Treme Virtual” DIGITAL OSTEOTOMY PLANNING. Tips for better OSTEOTOMIES
INTERACTIVE ACTIVITY (Recommended to have an iPad for workshops)
- Tips and Tricks for use a Digital Planning Program (Bone Ninja) ()
 - Multiapical Femoral and Tibial deformities Planning ()
 - Sagital plane and Oblique plane deformities Planning ()
 - Panel of experts, Case discussion
 - Workshops and discussion
- 9:00 – 9:30 Coffe Break
- 9:30 – 11:30 LIVE SURGICAL WEBINAR – TIPS AND TRICKS AND STEP BY STEP TECHNIQUE
(Case Discussion, Preoperative Planning, Aproach, Surgical tactic, Interactive action)
HIP PELVIC SUPPORT OSTEOTOMY (MLRS) – LIVE SURGERY ACTION ()
- 11:30 – 12:00 COFFE BREAK – LUNCH – VISIT THE SPONSORS
- 12:00 – 16:00 “ Ex-Treme Virtual” EUROPE AND AMERICA CONNECTION SYMPOSIUM
40 YEARS OF EXPERIENCE ON EXTREMITY RECONSTRUCTION BY M.CATAGNI
- My History with Ilizarov past and present
 - Limb lengthening approach and techniques - Tips and Tricks
 - Bone Infection management evolution, Tactic and Tips
- COMPLEX FRACTURES IN CHILDREN’S – THE BETTER OPTIONS
- Hip trauma approach, Acute and sequelae tactics ()
 - Epiphysial Fractures in Children, there are differences ()
 - Femur and Tibia Fractures in children, is there something new? ()
 - Case discussion interactive, Cross fire and tips
- 16:00 – 18:00 LIMB LENGTHENING AND DEFORMITIES CASES – interactive case discussion with experts
- Limb lengthening, How select a good case ()
 - Limb Lengthening and deformity correction ()
 - Evolution for Lengthening, What is my experience?()
 - Residual deformity corrections ()
- 18:00 – 19:00 SYMPOSIUM – BONE FRAGILITY APROACH
- Evolution of Devices - Clinical application and results ()
 - Applications of Fassier Nail - What the experience has left me ()
 - GAP Nail Application Indications and Tips ()
 - Clinical Cases - Experience and indications
- 19:00 – 21:00 “ Ex-Treme Virtual” AMERICA CONNECTION SYMPOSIUM – MASTER CLASS
SUPER KNEE EVOLUTION – PALEY INSTITUTE® TECHNIQUES
- Diagnosis and clasification
 - Preoperative plan, what can I need.
 - Surgical Techniques – Tactic, Tips and Tricks
 - Common mistakes and how to avoid them
 - Clinical cases discussion

21:00 – 21:05 End the Journey

THURSDAY, 12 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 – 10:00 “Ex-Treme Virtual” OSTEOTOMIES CASES DISCUSSION . Tips for better OSTEOTOMIES INTERACTIVE ACTIVITY (Expert Panel – Ask to the Professor)
- Upper Extremity Deformity correctios- case selection ()
 - Multiapical Femoral and Tibial deformities – Clinical case discussion and solution
 - Hip Deformities – Clinical Case Discussion and solution ()
 - Knee deformity, Case discussion and solution ()
 - Foot and ankle deformity Case discussion and Solution ()
 - Pediatric deformities case discussion and solution ()
- 10:00 – 10:30 Coffe Break
- 10:30 – 11:30 LIVE SURGICAL WEBINAR – TIPS AND TRICKS AND STEP BY STEP TECHNIQUE
(Case Discussion, Preoperative Planning, Aproach, Surgical tactic, Interactive action)
CAVITARY BONE DEFECTS – LIVE SURGERY ACTION
Case #1
Case #2
- 11:30 – 12:00 COFFE BREAK – LUNCH – VISIT THE SPONSORS
- 12:00 – 16:00 “ Ex-Treme Virtual” EUROPE AND AMERICA CONNECTION SYMPOSIUM
HIP AND PELVIS RECONSTRUCTION IN CHILDRENS AND ADULTS
- Introduction and History ()
 - Anatomy Remarks in Hip and Pelvis ()
 - Perthes Disease Focus. Approach and techniques - Tips and Tricks ()
 - Pelvic Osteotomies, Focus in Technique,Tactic and Tips()
 - Surgical Hip Luxation, Focus in Technique, Tactic and Tips()
 - Artroscopic Procedures for the Hip. Advances, Tactic, Tips and cases ()
 - Intraarticular Hip Osteotomies, Indication, Tactic and cases ()
 - Hip Pelvic Support Osteotomy, Focus in Technique and Tips ()
 - THR Failure and Not candidate for revision, What to do? ()
 - Cases discussion interactive.
- 16:00 – 18:00 WOUND MANAGEMENT SYMPOSIUM – WHAT’S NEW – Interactive Discussion with experts
- Biofilm it’s the big problem? ()
 - VAC Therapy, Evolution, Indications, Tips and Triks ()
 - Tactics for Soft cover – Wound management ()
 - Orthoplastic is a new speciality? ()
 - Cases Discussion – Interactive with the experts ()
- 18:00 – 19:00 SYMPOSIUM – MYTHS AND TRUTHS OF BIOGLASS – BONALIVE® SYMPOSIUM
- History of Bioglass ()
 - Bioquemistry and action mechanism ()
 - Clinical application and results ()
 - Applications of Bioglass, role in bone infections and Tumors
 - Bioglass Indications and Clinical cases in Reconstructive surgery ()
 - Bonalive® Clinical Experience and indications ()
 - Extreme cases and new perspectives for application ()
- 19:00 – 21:00 “ Ex-Treme Virtual” AMERICA CONNECTION SYMPOSIUM – MASTER CLASS

REHABILITATION IN CONGENITAL DISEASES AND LIMB LENGTHENING – PALEY INSTITUTE® TECHNIQUES

- 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

21:00 – 21:05 End the Journey

FRIDAY, 13 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 – 11:00 “Ex-Treme Virtual” ALL ABOUT KNEE DEFORMITIES AND RECONSTRUCTION . Tips for better KNEE SOLUTIONS

INTERACTIVE ACTIVITY (Expert Panel – Ask to the Professor)

- Knee Deformity Analysis ()
- Congenital Knee Deformities – Clinical cases discussion and solution ()
- Knee deformity associated with ligament instability– Discussion and solution ()
- Knee deformity corrections with Fixators. Case discussion and solution ()
- Acute or progressive correction of knee deformities, how to select the method ()
- Osteotomy Knee Options. Case discussion and Solution
- Patellofemoral Syndrome and deformities. Case discussion and solutions ()
- Check List in Knee Deformity Corrections. ()
- Fresh allografts in knee reconstruction. Perspective and Indications ()
- Severe polytraumatized Knee. Management and Options ()
- Conversion of knee arthrodesis to TKA arthroplasty. Indications and Tips. ()
- THR in severe knee deformity. Tips and Tricks ()
- Clinical Cases discussion. Expert panel. ()

11:30 – 12:00 COFFEE BREAK – LUNCH

12:00 – 15:00 “ Ex-Treme Virtual” EUROPE AND AMERICA CONNECTION SYMPOSIUM

AMPUTATION OR SALVAGE OF SEVERE POLITRAUMATIZED LIMBS

- Introduction and History Of war injuries ()
- Initial management in specialized centers, which must be done by the Orthopedist, Surgical times ()
- Total joint destruction by Firearm projectile, What to do to rebuild ()
- Amputation techniques have evolved and what's new in Prosthetics for amputees ().
- Orphan diseases, is it better to amputate or rebuild, how to make the decision? ()
- Cases discussion interactive. ()

15:00 – 15:30 COFFEE BREAK – VISIT THE SPONSORS

15:30 – 18:00 SYMPOSIUM THE BEST TIPS I LEARNED FROM MY PROFESSOR AND MASTER SENSEI

- What I learned from Professor G. Ilizarov by A K
- What I learned from Professor G. Ilizarov by A C
- What I learned from Professor G. Ilizarov by M C
- What I learned from Professor G. Ilizarov by F H
- What I learned from Professor G. Ilizarov by D P
- What I learned from Professor M. Catagni by LC
- What I learned from Professor R. Ganz by T S
- What I learned from Professor Theddy Slongo by C S
- What I learned from Professor D. Paley by R R
- What I learned from Professor D. Paley by K T

- What I learned from Professor D. Paley by M G
- What I learned from Professor D. Paley by L M

18:30 – 21:00 “ Ex-Treme Virtual” GLOBAL DINNER OF FRIENDS OF RECONSTRUCTIVE SURGERY - WONDERFUL PLACES I HAVE VISITED AT AN ORTHOPEDIC CONGRESS

- León Mora H. Introduction
- C K
- K T
- P G
- A K
- O B
- D P
- F H
- M G

21:00 – 21:05 End the Journey

SATURDAY, 14 NOV

7:00 – 7:15 Welcome to “Ex-Treme Virtual” Academic Super Week. 6. DAY CONNECTING

- Welcome and Passwords
- Reception in virtual room

7:15 – 11:00 “Ex-Treme Virtual” ALL ABOUT BONE DEFECTS SYMPOSIUM. Tips for better SOLUTIONS INTERACTIVE ACTIVITY (Expert Panel – Ask to the Professor)

- Damage Control in extremities - What is the best initially in bone loss ()
- Orthoplastics, Current Focus on Severe Bone and Soft Tissue Trauma ()
- Masqueleth Membrane Technique; Technique has evolved, how to do it right ()
- Bone transport with cables, Technique, tips and tricks. It's a good option? ()
- Acute limb shortening, how to do it right, indications and cases ()
- Bone Transport and Distraction Osteogenesis, Why is it the best option? ()
- Vascularized fibula, technique for experts? in which ideal cases? ()
- Bone transport with intramedullary Nails, evolution of the technique ()
- Bone cages and 3D models for bone defects reconstruction ()
- Endoprosthesis, an alternative in bone tumors and severe limb trauma ()
- Case discussion and ask to experts

11:00 – 12:00 COFFE BREAK – LUNCH

12:00 – 14:00 “ Ex-Treme Virtual” INTRAMEDULLARY NAIL FOR LIMB LENGTHENING SYMPOSIUM

- Introduction and History Of Intramedullary limb lengthening ()
- Tips and tricks in intraoperative technique ()
- Experiences in Germany with intramedullary lengthening ()
- Bone Transport with Intramedullary Nails ()
- Experiences in Europe with Elongation nails. ()
- Cases discussion interactive. ()

14:00 – 16:00 ALL ABOUT FIXATORS – RAILS MLRS – ILIZAROV OR HEXAPODS – WHAT’S NEW – Interactive Discussion with experts

- How to select the External Fixator ()
- MLRS - Monolateral Fixators Advantages and modularity ()
- 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 experts

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

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

- Equinus foot deformity – De la A a la Z, How avoid and How solutions ()
- Joint subluxation or dislocation during lengthening, what to do? ()
- Knee Contracture after lengthening / Modified Judet's Quadriceplasty - Surgical Tactic ()
- Knee flexion contracture solution ()
- Ask to the Public, What to do about
 - ⇒ 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 – Aproach and solutions
- Complex Regional Pain Syndrome (CRPS), Diagnosis, Management and Prognosis

20:00 – 20:15 End the Journey

SUNDAY, 15 NOV

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

- Welcome and Passwords
- Reception in virtual room – SPONSORS SHOW

7:15 – 15:00 “Ex-Treme Virtual” 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 ()
- Prevention of infection in a surgical environment, how are we doing? ()
- Advances in the diagnosis and treatment of bone infection - Oxford Protocol ()
- Periprotetic Infection, Before, during and after. How to do it right! ()
- Endomedullary Infection - Local and Pandiaphysitis, Therapeutic Approach()
- Alternatives in Segmental Bone Infection ()
- Osteosynthesis Material Associated Infection - Total Approach and Options()
- Biofilm, What to do, it can be fought, in which we have advanced with this enemy ().

COFFE BREAK – COFFE BREAK – VIRTUAL SPONSORS TOUR 45 MINUTOS

- Bone infection and skin defects, comprehensive approach ()
- Severe trauma with highly contaminated tissues, what can we do? ()
- Antibiotic therapy in open fractures and Osteomyelitis, Something has changed, options ()
- Why I prefer antibiotic cement and Masqueleth membrane in Bone infection ().
- Cavitary Bone Defect, contaminated dead space, how do I handle it?
 - Failed hip and knee arthroplasty and big bone defects - 15 min.
 - Rational use of bone substitutes with antibiotics, when and how? ()
 - Bioglass has a role in cavitary infection management - Surgical tactic ()
- Amputation is an option in severe bone infection - which I have learned from patients. ()
- Difficult and extreme cases, can we do something? Case discussion and ask to experts

15:00 – 15:10 UPCOMING COURSES AND ACTIVITIES IN RECONSTRUCTIVE SURGERY - GLOBAL INVITATION.

15:10 – 15:15 End the Journey – END THE ACADEMIC SUPERWEEK 2020

