



BFAS
BELGIAN FOOT AND ANKLE SOCIETY

BFAS-EFAS PRE-MEETING

16 OCTOBER 2024

13:30-16:45

on registration



17-18-19
OCTOBER
2024

EFAS

European Foot & Ankle Society

CONGRESS



BRUSSELS BELGIUM



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GENERAL ORGANISATION: MCO Congrès
Registrations: charlotte.martin@mcocongres.com
Sponsors: aureore.davy@mcocongres.com



www.efas.net



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"Wednesday 16 October"

13:30 13:30 - 16:30

BFAS-EFAS PRE-MEETING (15 MINS EACH + 5 MINS Q&A)

Moderators. Laurent GOUBAU (Belgium), Geoffroy VANDEPUTTE (Belgium)

Welcome and Introduction. Kristian BUEEDTS (Belgium), Laurent GOUBAU (Belgium)

How innovation in Materials and Techniques in Forefoot Surgery has changed my practice in the last 10 years, or not? Manfred THOMAS (Germany) AQUARIUM

How innovation in understanding the sagittal plane has changed my practice in the last 10 years, or not? Manuel MONTEAGUDO (Spain)

How innovation in distal tibia osteotomy has changed my practice in the last 10 years, or not? Jean BRILHAULT (France)

How innovation in TAR has changed my practice in the last 10 years, or not? Timothy DANIELS (Canada)

15:00 15:00 - 15:30

COFFEE BREAK

15:30 15:30 - 16:30

BFAS-EFAS PRE-MEETING (15 MINS EACH + 5 MINS Q&A)

Ankle fusion or TAA: the final "bill" for the patient". Pascal RIPPSTEIN (Switzerland)

How innovation in MIS fusions has changed my practice in the last 10 years, or not? Alastair YOUNGER (Canada)

How innovation in cartilage repair has changed my practice in the last 10 years, or not? Federico USUELLI (Italy)

16:30 16:30 - 17:00

BFAS-EFAS PRE-MEETING

Contributions of the international fellows.

End of BFAS Pre-Congress.

AQUARIUM

Thursday 17 October

08:00 08:00 - 08:30

REGISTRATION

WELCOME
DESK

08:30 08:30 - 08:40

OPENING CEREMONY

Speakers: Kristian BUEEDTS (Belgium), Manuel MONTEAGUDO (Spain), Manfred THOMAS (Germany)

AUDITORIUM

08:40 08:40 - 10:00

PLENARY SESSION 1: NEUROFOOT/ANKLE

Moderators. Jean-Luc BESSE (France), Joris HERMUS (The Netherlands)

Subtle flexible cavovarus. Manfred THOMAS (Germany)

Severe rigid deformity. Elena SAMAILA (Italy)

The triceps - when/how to lengthen and when not. Jan Willem LOUWERENS (The Netherlands)

When to transfer tendons and soft tissue balancing? Norman ESPINOSA (Switzerland)

Charcot-Marie-Tooth. Senthil KUMAR (United Kingdom)

Discussion.

AUDITORIUM

10:00 10:00 - 10:30

COFFEE BREAK, EXHIBITION AND POSTER WALKS

10:30 10:30 - 11:30



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"Thursday 17 October"

SYMPOSIUM: MOST RELEVANT EFAS PUBLICATIONS (2022-2024)

Moderators: Daniele MARCOLLI (Italy), Martinus RICHTER (Germany)

EFAS in depth: our journal, your journal. Martinus RICHTER (Germany)
Most relevant 1 - Distraction arthroplasty in the management of osteoarthritis of the ankle: A systematic review. Arshad ZAKI (United Kingdom)
Most relevant 2 - Diagnostic applications and benefits of weightbearing CT in the foot and ankle: A systematic review of clinical studies. Arne BURSENS (Belgium)
EFAS Best Paper Award.
Discussion.

AUDITORIUM

10:30 - 11:30

SYMPOSIUM: REMOVAL OF METALWORK IN THE FOOT AND ANKLE

Moderators: Norman ESPINOSA (Switzerland), James RITCHIE (United Kingdom)

When and why? Jesus VILA Y RICO (Spain)
Tips and tricks for difficult removals. Karan MALHOTRA (United Kingdom)
Any role for bioabsorbable implants? Helka KOIVU (Finland)
Metal hypersensitivity/allergy. James RITCHIE (United Kingdom)
Discussion.

STUDIO

11:35

11:35 - 12:30

BSFFAF: BRUSSELS SHORT FILM FOOT AND ANKLE FESTIVAL

Moderators: Helka KOIVU (Finland), Jesus VILA Y RICO (Spain)
Youngswick osteotomy for Hallux Rigidus? Alessio BERNASCONI (Italy)
Retrograde nail for ankle fracture in a fragile patient. Johnny FRØKJÆR (Denmark)
Lateral ankle instability - personal technique. Yves TOURNÉ (France)
Calcaneal osteotomy with plate and screws. Paulo AMADO (Portugal)
Discussion.

AUDITORIUM

11:35 - 12:30

PAEDIATRIC FOOT AND ANKLE FORUM:

Moderators: Anja HELMERS (Germany), Christina STUKENBORG-COLSMAN (Germany)
What is a symptomatic flatfoot? Maurizio DE PELLEGRIN (Italy)
Which is the best method to document flatfoot deformity? Martin Michael WACHOWSKY
Is flatfoot in adults the result of untreated flatfoot in children? Antonio MAZZOTTI (Italy)
Discussion.

STUDIO

12:15

12:15 - 14:30

LUNCH, EXHIBITION, INDUSTRY WORKSHOPS AND POSTER WALKS

EXHIBITION
AREA

12:30

12:30 - 13:30

SYMPOSIUM - CONMED FOOT

AQUARIUM

My experience with Quantum® TAR: a journey through innovation. Thibaut LEEMRJSSE (Belgium)

12:30 - 13:30

SYMPOSIUM - PLANMED / AMES MEDICAL

Lateral column lengthening, when? Cotton, when? Planning for Progressive Collapsing Foot: Weight-Bearing CT Scans Guiding Successful Osteotomies.

STUDIO

Progressive Collapsing Foot: how to plan successful osteotomies. Avoid fusions as long as you can!
Federico USUELLI (Italy)
Keep it simple: Medial calcaneal displacement and Cotton Osteotomy. Agustin BARBERO (Italy)
Lateral column lengthening: Evans, Hinterman. Planning and surgical technique. Federico USUELLI (Italy)
Bring your cases and discuss together. Federico USUELLI (Italy), Agustin BARBERO (Italy)



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12:40

12:40 - 13:00

POSTER WALKS PRESENTATIONS 1

Poster Walks presentations (3 mins each + 1 question from evaluators) of best scored posters

Moderators: Peter BOCK (Austria), Matthew WELCK (United Kingdom)

#40849 -

PWK01 Does prior anterior talofibular ligament dysfunction protect from development of deep deltoid ligament laxity? A cadaveric study. **Zhikai LI** (Cambridge, United Kingdom), Zhiheng LI, Gavin JARVIS, Stephanie POTTEN, Cecilia BRASSETT, Chandra PASAPULA

EPOSTERS
ZONE

#40837 -

PWK21 Automatic software-based 3D-angular measurement for Weight-Bearing CT (WBCT) is valid. **Martinus RICHTER** (Rummelsberg, Germany), Stefan ZECH, Issam NAEF, Stefan A MEISSNER, Regina SCHILKE, Fabian DUERR

#42714 -

PWK03 Failure of ankle arthroplasty - Predictive factors for revision procedures. **Markus WALTHER** (München, Germany), Kathrin PFAHL, Anke RÖSER

#42915 -

PWK04 Recovery Curve of Prospectively Collected Patient-Reported Outcome Measurement Information System (PROMIS) in Total Ankle Arthroplasty. Andres PISCOYA, Callie LIU, **Stephanie CHEN** (Los Angeles, USA), Zachary ROCKOV, David THORDARSON, Timothy CHARLTON

13:10

13:10 - 13:30

POSTER WALKS PRESENTATION 2

Poster Walks presentations (3 mins each + 1 question from evaluators) of best scored posters

Moderators: Oliver MICHELSSON (Finland), Stephan WRTH (Switzerland)

#43154 -

PWP12 Evaluation of Leg-foot Range of Motion. Which Measurement Method is Most Reliable? **Marco Tullio COSTA** (Sao Paulo, Brazil), Javier Felipe Salinas TENEJIRA, Cesar Augusto Lima SILVA, Italo Epaminondas De Queiroz REGO, Marcelo Marcucci CHAKKOUR, Noé DE MARCHI NETO, Jordanna Maria Pereira BERGAMASCO

EPOSTERS
ZONE

#42980 -

PWK06 Osteochondral Repair With Autologous Cartilage Transplantation With or Without Bone Grafting: A Short Pilot Study in Mini-pigs. **Dong Woo SHIM** (Seoul, Republic of Korea), Wonwoo LEE, Yeokwon YOON, Kwang Hwan PARK, Seung Hwan HAN, Jin Woo LEE, Bom Soo KIM

#42984 -

PWK07 Clinical and Radiologic Outcomes of Modified Broström Techniques: A Comparative Study on Arthroscopic Ultrasound-assisted and Open Approaches. Younguk PARK, **Younwook SEO** (Seoul, Republic of Korea), Jinyoung JUN

#43072 -

PWK08 Drain versus no drain after total ankle arthroplasty: are there any differences in complications rate? Elena ARTIOLI, Antonio MAZZOTTI, Alberto ARCERI, Simone Ottavio ZIELLI, **Laura LANGONE** (Bologna, Italy), Cesare FALDINI

13:30

13:30 - 14:30

SYMPOSIUM - PARAGON 28

AQUARIUM

From Fracture to Fusion: Complex Ankle Reconstruction. Mark Bowen DAVIES (United Kingdom), Ezequiel PALMANOVICH (Israel)

13:30 - 14:30

SYMPOSIUM - NEWCLIP TECHNICS

STUDIO

Ankle arthroscopy management with SMOT and associated PSI. Kristian BUEDTS (Belgium), Jean BRILHAULT (France)

13:35

13:35 - 13:55

POSTER WALKS PRESENTATIONS 3

Poster Walks presentations (3 mins each + 1 question from evaluators) of best scored posters

Moderators: Laurent GOUBAU (Belgium), Bruno PEREIRA (Portugal)

#42965 -

PWP09 Clinical Outcomes Of All-Inside Arthroscopic Lateral Ankle Ligament Reconstruction For Chronic

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Lateral Ankle Instability: A Prospective Series With Minimum 12 Month Outcomes. Vikramman VIGNARAJA, Thomas LEWIS, Samuel FRANKLIN, Gabriel FERREIRA, Gustavo NUNES, Yasser ALJABI, Peter LAM, **Robbie RAY** (London, United Kingdom)

EPOSTERS
ZONE

#43091 -

PWP10 Evaluating tibiotalar joint coverage at varying high heel heights. **Emily LUO** (Durham, NC, USA), Grayson TALASKI, Andrew BEHRENS, Tania SZEJNFELD, Aaron THERIEN, Katherine KUTZER, Kevin WU, Kepler CARVALHO, Erik HUANUCO CASAS, Antoine ACKER, Cesar DE CESAR NETTO

#43147 -

PWP11 Postoperative radiographs two weeks after ankle fracture fixation: a waste of resources and rarely justified. **Arpita DEVASHETTY** (Reading, United Kingdom), Noah KHAN, Dan BURNS, Daniel MARSLAND

#42582 -

PWK05 Significant clinical improvement after arthroscopic autologous matrix-induced chondrogenesis for osteochondral lesions of the talus: A 5-year follow-up. Efrima BEN, **Agustin BARBERO** (Milan, Italy), Camilla MACCARIO, Cristian INDINO, Chiara NOCERA, Jari DAHMEN

14:00

14:00 - 14:20

POSTER WALKS PRESENTATIONS 4**Poster Walks presentations (3 mins each + 1 question from evaluators) of best scored posters**

Moderators: Johnny FRØKJÆR (Denmark), Karan MALHOTRA (United Kingdom)

#42677 -

PWK13 The K-toe trial: Fixed hammertoe correction with or without K-wire fixation? A multicentre randomized controlled trial. **Mathijs FUCHS** (Eindhoven, The Netherlands), Marieke VAN DER STEEN, Marijn VAN DEN BESSELAAR, Martijn DIETVORST, Bart VAN GRONINGEN, Walter VAN DER WEEGEN, Dirk DAS, Hans HENDRIKS

#42955 -

PWK14 A prospective observational study of Distal Metatarsal Minimally invasive osteotomy (DMMO) for the treatment of metatarsalgia. **Vansh KAPILA** (Ghent, Belgium), Laura LOOMANS, Patrick DEMEY, Farhad TAJDAR, Patrick DEPREZ

#42968 -

PWK15 Significance of Dorsal aspect evaluation in Hallux Rigidus: Insights through Distance and Coverage Mapping in Weight Bearing CT scan. Erik HUANUCO CASAS, **Antoine ACKER** (Geneva, Switzerland), Chien-Shun WANG, Emily LUO, Tommaso FORIN VALVECCHI, Grayson TALASKI, Andrew BEHRENS, Jeffrey LILES, Andrew HANSELMAN, Cesar DE CESAR NETTO

#43077 -

PWK16 A game changing tool in the assessment of hypermobility of the first ray: a reliability study. **Filippo PIEROBON** (Geneva, Switzerland), Quentin PRAZ, Spyridon SCHOINAS, Elisabeth SCHAUER, Laura PEURIERE, Victor DUBOIS-FERRIERE, Mathieu ASSAL

EPOSTERS
ZONE

14:30

14:30 - 16:30

FREE PAPERS 1: ANKLE & SPORTS

Moderators: Henryk LISZKA (Poland), Xavier OLIVA MARTIN (Spain)

#42647 -

OP01 The role of deltoid and interosseous tibiofibular syndesmosis ligaments in stability after ankle fractures: a cadaveric study. **Vasileios LAMPRIDIS** (UK, United Kingdom), Nikolaos GOUGOULIAS, Panagiotis CHRISTIDIS, Vasileios RAOULIS, Evangelos ALEXIOU, Alexis KERMANDIS, Aristidis ZIBIS

#42588 -

OP02 Total ankle arthroplasty as a correction tool for foot deformities: analyzing the impact on medial column alignment through weight-bearing computed tomography and three-dimensional modeling. Efrima BEN, **Agustin BARBERO** (Milan, Italy), Amit BENADY, Cristian INDINO, Camilla MACCARIO, Federico USUELLI

#42716 -

OP03 10 yrs follow-up of OCL of the talus, treated with autologous membrane-induced chondrogenesis (AMIC). **Markus WALTHER** (München, Germany), Lukas DEISS, Anke RÖSER, Oliver GOTTSCHALK

#42753 -

OP04 Open reduction of the posterior malleolus: Do we need additional syndesmotomic stabilization? A biomechanical study. **Alexander MILSTREY** (Muenster, Germany), Stella GARTUNG, Jens WERMERS, Matthias KLIMEK, Michael RASCHKE, Sabine OCHMAN

#42917 -

OP05 Deep posterior tibiotalar ligament in unstable Weber B ankle fractures: Cross-sectional study correlating arthroscopic and stress radiographic findings. **Martin GREGERSEN** (Sarpsborg, Norway), Fredrik NILSEN, Mikaela HAMRE, Marius MOLUND

Discussion (1-5).

#43084 -

OP06 Advantages of ultrasound identification of the distal insertion of the calcaneofibular ligament during ligament reconstruction. Julien BELDAME, **Christel CHARPAIL** (Bordeaux), Matthieu LALEVÉE, Riccardo SACCO, Fabrice DUPARC

#43141 -

OP07 Three-Dimensional Mapping of Chaput Tubercle Fractures: Evaluation of Morphologic

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Characteristics and Anterior Inferior Tibiofibular Ligament Involvement. Siddhartha SHARMA, Matthias PEIFFER, **Bedri KARAIMAİLOGLU** (Istanbul, Turkey), Noopur RANGANATHAN, Soheil ASHKANI-ESFAHANI, Emmanuel AUDENAERT, Christopher DIGIOVANNI, Gregory WARYAS Z

#42527 -

OP08 A Step-by-Step Examination of Ankle Impingement Syndrome: An Evaluation of the Effectiveness and Quality of YouTube Videos. Semih YAŞ, **Mehmet Ali TOKGÖZ** (Ankara, Turkey), Secdegül COSKUN YAŞ, Ahmet YILDIRIM, Tayfun ÖZEL

#43028 -

OP09 The peroneal artery in anterolateral approach to the distal tibia: an anatomic study.

Jan MARTINEZ-LOZANO (Barcelona, Spain), Tiago MOTA GOMES, Alberto GINÉS-CESEPEDOSA, Xavier MARTIN OLIVA

#43138 -

OP10 Evaluating fibular station changes with leg rotation in lateral ankle radiographs: a cross-sectional analysis. Kamal BENIWAL, **Ankit DADRA** (CHANDIGARH, India), Sandeep PATEL, Siddhartha SHARMA, Mandeep DHILLON, Mahesh PRAKASH

Discussion (6-10).

14:30 - 16:30

FREE PAPERS 2: ANKLE & MISCELLANEA

Moderators: Jan Willem LOUWERENS (The Netherlands), Yves TOURNÉ (France)

#43098 -

OP11 Development and validation of a fully automated tool to quantify 3D foot and ankle alignment using weight-bearing CT. Ide VAN DEN BORRE, **Matthias PEIFFER** (Ghent, Belgium), Jean VERVELGHE, Manu HUYGHE, Roel HUYSENTRUYT, Aleksandra PIZURICA, Emmanuel AUDENAERT, Arne BURSSENS

#43134 -

OP12 Anterior tibial tendon transfer in idiopathic clubfoot: does the outcome differ with the initial treatment? Proposed classification to surgical indication. Jordanna BERGAMASCO, **Jordanna BERGAMASCO** (São Paulo, Brazil), Marco Tulio COSTA, Ricardo FERREIRA, Prárcia Maria FUCS

#42914 -

OP13 Supramalleolar Osteotomy for ankle arthritis; Single Tertiary Referral Centre 12 year Overview comparing standard and custom implant. **Seved ALI** (Sutton Coldfield, United Kingdom), Mubark ISLAM

#42962 -

OP14 The Hounsfield Units Algorithm demonstrates changes in bone density of the distal tibia in patients with Talus Osteochondral Defect. Erik HUANUCO CASAS, **Antoine ACKER** (Geneva, Switzerland), Francois LINTZ, Kepler CARVALHO, Tommaso FORIN VALVECCHI, Emily LUO, Grayson TALASKI, Samuel ADAMS, Mark EASLEY, Cesar DE CESAR NETTO

#42831 -

OP15 High body mass index is not a contraindication for an arthroscopic ligament repair with biological augmentation in case of chronic ankle instability. Kevin GUIRAUD, **Kevin GUIRAUD** (Villeneuve-sur-Lot), Guillaume CORDIER, Jordi VEGA, Gustavo ARAUJO NUNES

Discussion.

#42773 -

OP16 Comparative study of outcome measures of arthroscopic versus mini arthrotoomy ankle fusion: Is there any difference? **Islam SARHAN** (UK, United Kingdom), Mohamed NAGY, Saed SHEKEDF

#43097 -

OP17 Articular Contact Mechanics in Osteochondral Lesions of the Talus: A Weightbearing-CT study. **Matthias PEIFFER** (Ghent, Belgium), Julian HOLLANDER, Arne BURSSENS, Sjoerd STUFRENS, Soheil ASHKANI-ESFAHANI, Emmanuel AUDENAERT, Gino KERKHOFFS, John KWON, Christopher DIGIOVANNI

#43089 -

OP18 Sex Differences in Trace Element Zinc and Magnesium Levels After Fracture in a Rat Model. **Jonathan LOPEZ** (Newark, NJ, USA), David AHN, Mark FISHER, Jason DANIELS, James THORNTON, Darian NAPOLEON, Laura KUKLO, Ruey Horng CHEE, Sheldon LIN, J. Patrick O'CONNOR

#43107 -

OP19 Midterm Outcomes of Transfibular Total Ankle Arthroplasty: Clinical and Radiographic Analysis of 130 Cases with Minimum 5-Year Follow-up. **Jonathan DAY** (Baltimore, USA), Amanda FLETCHER, Morgan MOTSAV, Maggie MANCHESTER, Zijun ZHANG, Lew SCHON

#43090 -

OP20 Poetry in Motion: Ankle Biomechanics in Ballet Dance. **Emily LUO** (Durham, NC, USA), Katherine KUTZER, Kepler CARVALHO, Grayson TALASKI, Madeline UNGS, Zirbes CHRISTIAN, Erik HUANUCO CASAS, Antoine ACKER, Cesar DE CESAR NETTO

Discussion.

16:30

16:30 - 17:00

COFFEE BREAK, EXHIBITION, AND POSTER WALKS

17:00

17:00 - 18:25

DISCUSSION FORUM - STRESS FRACTURES AND SPORT

STUDIO



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Moderators. Roman TOTKOVIČ (Slovakia), James RITCHIE (United Kingdom)
General considerations and how to address. Helka KOIVU (Finland)
Any role for conservative treatment? Bruno PEREIRA (Portugal)
Second metatarsal. Paolo CECCARINI (Italy)
Calcaneus. Fabian KRAUSE (Switzerland)
Navicular stress fracture. Antonio VILADOT (Spain)
Fifth metatarsal. Henryk LISZKA (Poland)
Discussion.

AUDITORIUM

17:00 - 18:25

DISCUSSION FORUM - MIDFOOT TRAUMA

Moderators. Nuno CORTE REAL (Portugal), Elena SAMAILA (Italy)
Navicular displaced fracture. Markus WALTHER (Germany)
Cuboid displaced (and comminuted) fracture. Antonio DALMAU (Spain)
The Jones fracture in the young athlete. Maneesh BHATIA (United Kingdom)
The subtle Lisfranc. Mark Bowen DAVIES (United Kingdom)
The not-so-subtle Lisfranc - fixation and how. Manuel SOUSA (Portugal)
The comminuted Lisfranc - primary arthrodesis and how. Joris HERMUS (The Netherlands)
Discussion.

STUDIO

18:25

18:25 - 18:30

ADJOURN AND WELCOME RECEPTION

AUDITORIUM

Friday 18 October

08:00

08:00 - 08:30

PRESIDENTIAL INVITED LECTURE

Moderator. Kristian BUEDTS (Belgium), Jente WAGEMANS (Belgium)

AUDITORIUM

08:40

08:40 - 10:00

PLENARY SESSION 2:

TIBIAL MALALIGNMENT AFFECTING THE FOOT AND ANKLE

Moderators. Markus WALTHER (Germany), Mark Bowen DAVIES (United Kingdom)
Proximal tibia - varus or valgus knee. Aleksas MAKULAVICIUS (Lithuania)
Diaphyseal / torsional deformities. Christian PLAASS (Germany)
Supramalleolar - varus/valgus. Victor VALDERRABANO (Switzerland)
Supramalleolar - multiplanar and sagittal plane. Matthias WALCHER (Germany)
Progressive correction with circular external fixation. Antti YLITALO
Discussion.

AUDITORIUM

10:00

10:00 - 10:30

COFFEE BREAK, EXHIBITION AND POSTER WALKS

10:05

10:05 - 10:25

POSTER WALKS PRESENTATIONS 5

Poster Walks presentations (3 mins each + 1 question from evaluators) of best scored posters

Speakers: Stefan CLOCKAERTS (Belgium), Antti YLITALO

#42587 -

PKW17 Three-Dimensional Distance Mapping to Identify Safe Zones for Lateral Column Lengthening.
Efrima BENI, Agustin BARBERO (Milan, Italy), Kuharajan RAMALINGAM, Cristian INDINO, Camilla MACCARIO, Federico USUELLI

#42589 -

PKW18 Abnormal axial rotation of the talus on weight-bearing computed tomography in patients with

EPOSTERS
ZONE



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osteochondral lesion of the talus and functional instability of the ankle. Efrima BEN, **Agustin BARBERO** (Milan, Italy), Cristian INDINO, Camilla MACCARIO, Amit BENADY, Federico USUELLI

#42627 -

PKW19 Are large language models efficient as triage tools for surgical management of foot and ankle patients? François LINTZ, Antoine ACKER, Kepler (Alencar Mendes) CARVALHO, May LABIDI, **Gianluca GONZI** (. United Kingdom), Marie-Aude MUNOZ, Alessio BERNASCONI, Cesar DE CESAR DE NETTO

#42987 -

PKW20 Ankle fracture with well-repaired syndesmotic injury versus ankle fracture with no syndesmotic injury: a prospective cohort study of surgical outcomes. **Anghong CHAYANIN** (Bangkok, Thailand)

10:30

10:30 - 11:30

FOOT AND ANKLE TRAUMA FORUM

Moderators. Stefan RAMMELT (Germany), Nikolaos GOUGOULIAS (Greece)

Operative versus non-operative treatment of ankle fractures – What do we know? Nikolaos GOUGOULIAS (Greece)

AUDITORIUM

When and how to treat deltoid ligament ruptures in ankle fractures? Hans POLZER (Germany)

When and how to treat anterior and posterior malleolar fractures? Andrzej BOSZCZYK (Poland)

What to do differently in patients with relevant comorbidities? Stefan RAMMELT (Germany)

Discussion.

10:30 - 11:30

EDI (EQUALITY, DIVERSITY, INCLUSION) FORUM:

Moderators. Elena SAMAILA (Italy), Rick BROWN (United Kingdom)

Ethnicity in Foot & Ankle surgery. Mostafa BENYAHIA (Denmark)

LGTBQ+ in Foot & Ankle Surgery. Kristian BUEEDTS (Belgium)

AQUARIUM

EDI in Orthopaedics in Eastern Europe. Iozeфина BOTEZATU (Romania)

"Briser le plafond de glace"- Breaking the glass ceiling. How can institutions make it easier for future

women to progress in F&A surgery? Barbara PICLET (France)

Establishing a mentorship Programme for Foot & Ankle Surgeons. Anna CHAPMAN (United Kingdom)

Discussion.

11:30

11:30 - 13:00

EFAS GENERAL ASSEMBLY

AUDITORIUM

13:00

13:00 - 15:00

LUNCH, EXHIBITION, INDUSTRY WORKSHOPS & POSTER WALKS

EXHIBITION AREA

13:00 - 14:00

SYMPOSIUM - ARTHREX

Advances in Orthopedics and Sports Medicine - Cases Discussions

AQUARIUM

Short-term Results of AutoCart for the Treatment of Osteochondral Defects of the Talus.

Tomas BUCHHORN (Germany)

Ankle instability - from injury to performance. Urszula ZDANOWC (Poland)

Return to Sports After Percutaneous Treatment of Achilles Ruptures. Manuel SOUSA (Portugal)

13:00 - 14:00

SYMPOSIUM - GEISTLICH

CINEMA

AMIC® Chondro-Gide® for Osteochondral Lesions of the Ankle & MTP Joint: Evidence, Guidelines and Personal Experience. Martinus RICHTER (Germany), Bom Soo KIM (Republic of Korea), Markus WALTHER (Germany)

13:00 - 14:00

SYMPOSIUM - INTERNATIONAL WBCT

Time to Capture the Full Picture with Weightbearing CT!



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R1

Opening remarks. Arne BURSENS (Belgium)

Capture your foot and ankle alignment fully automated on WBCT. Martinus RICHTER (Germany)

Rotational alignment of the lower limb determined by automated measurements on WBCT.

Andy GOLDBERG (United Kingdom)

Understand the foot and ankle alignment after total ankle arthroplasty using WBCT. Federico USUELLI (Italy)

Reveal the foot and ankle alignment after supramalleolar ankle osteotomy using WBCT. Kristian BUEDTS (Belgium)

Closing remarks. Alessio BERNASCONI (Italy)

13:10

13:10 - 13:30

POSTER WALKS PRESENTATIONS 6

Poster Walks presentations (3 mins each + 1 question from evaluators) of best scored posters

Moderators: Laurens DE COCK (Belgium), Matthias WALCHER (Germany)

#42584 -

PKW02 Axial rotation analysis in total ankle arthroplasty using weight-bearing computer tomography and three-dimensional modeling. Efrima BEN, **Agustin BARBERO** (Milan, Italy), Joshua OVADIA, Cristian INDINO, Camilla MACCARIO, Federico USUELLI

#41204 -

PKW22 Delayed Wound Healing in Complex Hindfoot Surgery – An underappreciated problem?

Angelica GHEORGHE, Karen ALLIGAN, Karan MALHOTRA, Cullen NICHOLAS, Shelain PATEL, Witthelmino RONGAVILLA, **Matthew WELCK** (London, United Kingdom)

#42546 -

PKW23 Radiological Posterior Medial Safe Zone of the Ankle. Protecting the Posterior Tibial Tendon

During Ankle or Pilon Fracture Fixation. **Vasileios LAMPRIDIS** (UK, United Kingdom), Ben JONES, Junaid AAMIR, William HARRISON, Kyle ROUGHNEEN, Alastair BOND, Lyndon MASON

#42585 -

PKW24 Distance mapping patterns analysis of tibiotalar joint in ankle osteoarthritis: The battleship technique. Efrima BEN, **Agustin BARBERO** (Milan, Italy), Cristian INDINO, Camilla MACCARIO, Federico USUELLI

EPOSTERS
ZONE

13:35

13:35 - 13:55

POSTER WALKS PRESENTATIONS 7

Poster Walks presentations (3 mins each + 1 question from evaluators) of best scored posters

Moderators: Nick CULLEN (United Kingdom), Sabine OCHMAN (Germany)

#42577 -

PKW25 The influence of pre-operative reduction quality on post-operative wound complications in ankle fractures: a review of 247 cases. **Rye Yern YAP** (Hereford, United Kingdom), Peter LOGAN, Mohammad IQBAL, Vishwajeet KUMAR, Zaid AL-WATTAR

#42578 -

PKW26 Comparison of the measurement of the Calcaneal X/Y ratio on plain radiographs and CT scan.

Hesham OSHBA (Crowthorne, United Kingdom), Kate NICHOLLS, Togay KOC, Neeraj PUROHIT, Raghdha SHAABAN

#42590 -

PKW27 Enhancing precision in osteochondral lesion of the talus measurements and improving agreement in surgical decision-making: A comprehensive evaluation using weight-bearing computed tomography and distance mapping for preoperative planning.

Efrima BEN, **Agustin BARBERO** (Milan, Italy), Jari DAHMEN, Amit BENADY, Cristian INDINO, Camilla MACCARIO, Gino KERKHOFFS, Federico USUELLI

#42592 -

PKW28 Comparison of hindfoot preoperative alignments and postoperative total ankle arthroplasty positioning using weight-bearing computed tomography-generated 3 dimensional models.

Efrima BEN, **Agustin BARBERO** (Milan, Italy), Amit BENADY, Cristian INDINO, Camilla MACCARIO, Federico USUELLI

EPOSTERS
ZONE

14:00

14:00 - 15:00

SYMPOSIUM - STRYKER

Another step forward together - Innovation & Survivorship in Total Ankle Replacement. David TOWNSHEND (United Kingdom), Andy GOLDBERG (United Kingdom), Jean BRILHAULT (France)

AQUARIUM

14:00 - 15:00

SYMPOSIUM - MEDARTIS

Remodelling the foot, unloading the ankle. Alexandros ELEFTHEROPOULOS (Greece), Christian PLAASS (Germany), Victor VALDERRABANO (Switzerland)

CINEMA



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"Friday 18 October"

14:00 - 14:20

POSTER WALKS PRESENTATIONS 8

Poster Walks presentations (3 mins each + 1 question from evaluators) of best scored posters

Moderators: Elisabeth ELLINGSEN HUSEBYE (Norway), Anja HELMERS (Germany)

#42593 -

PWK29 Reliability of cone beam weightbearing computed tomography analysis of total ankle arthroplasty positioning and comparison to weightbearing x-ray measurements. Efrima BEN, **Agustin BARBERO** (Milan, Italy), Cristian INDINO, Camilla MACCARIO, Federico USUELLI

EPOSTERS
ZONE

#42602 -

PWK30 Anterior Translation of the Talus Post Anterior Pilon Fixation. Are we Missing Something? **Vasileios LAMPRIDIS** (UK, United Kingdom), James MCEVOY, William HARRISON, Lyndon MASON

#42612 -

PWK31 Impact of Initial Tendon Gap Size on Outcomes of Functional Rehabilitation in Achilles Tendon Rupture. **Amr ABOUELELA** (England, United Kingdom), Islam MUBARK

#42652 -

PWK32 Digital monitoring of weight-bearing improves success rates and reduces complications in lower extremity surgeries. Babk OTOUKESH, **Shayan AMIRI** (Tehran, Islamic Republic of Iran)

14:00 - 15:00

SYMPOSIUM - ACUMED

STUDIO

Treating Trimalleolar Ankle Fractures. Kristian BUEDTS (Belgium), Jan MARTINEZ LOZANO (Spain)

14:20

14:20 - 14:40

POSTER WALKS PRESENTATIONS 9

Poster Walks presentations (3 mins each + 1 question from evaluators) of best scored posters

Moderators: Hans-Jörg TRNKA (Austria), Alistair WILSON (United Kingdom), Emre BACA (Turkey)

#42759 -

PWP33 The kinematics of the distal tibiofibular joint in syndesmosis instability and its reconstruction - a biomechanical in vitro study. **Alexander MILSTREY** (Muenster, Germany), Vivienne HOELL, Jens WERMERS, Stella GARTUNG, Michael RASCHKE, Julia EVERS, Sabine OCHMAN

EPOSTERS
ZONE

#42886 -

PWP34 Bio-integrative screws versus metallic screws for calcaneus osteotomies: a non-inferiority randomized clinical trial. Nacime Salomao BARBACHAN MANSUR, Eli SCHMIDT, Francois LINTZ, Chinelati ROGERIO, Matthieu LALEVEE, **Cesar DE CESAR NETTO** (Iowa City, USA)

#42888 -

PWP35 Biomechanical evaluation of screw vs. k-wire reconstructions for instable Lisfranc injuries. **Alexander MILSTREY** (Muenster, Germany), Franziska WERMELING, Julia EVERS, Michael RASCHKE, Sabine OCHMAN

#42961 -

PWP36 Research on Determining Bony Landmarks for Accurate Tibiofibular Syndesmosis Fixation: Cadaveric Validity and Safety Analysis of Angle Bisector Method. **Bedri KARAIMAIOGLU** (Istanbul, Turkey), Julian HOLLANDER, Jiyong AHN, Siddhartha SHARMA, Matthias PEIFFER, Lorena BEJARANO-PINEDA, Daniel GUSS, John Y KWON, Christopher DIGIOVANNI, Soheil ASHKANI-ESFAHANI, Gregory WARYASZ

15:00

15:00 - 16:00

FREE PAPERS 3: FOREFOOT

Moderators: Alberto GINÉS CESPEDOSA (Spain), Sabine OCHMAN (Germany)

#41114 -

OP21 The surgical treatment of brachymetatarsia by one-stage lengthening of the metatarsal bone using an autograft from tubular bones of the foot. **Levon MAKINYAN** (Moscow, Russia), Albert MANNANOV, Vladislav APRESYAN

#43158 -

OP23 Comparative Biomechanical Study of Different Screw Fixation Methods Following Minimally Invasive Chevron-Akin (MICA): A Finite Element Analysis. Thomas LEVMS, Henrique MANSUR, Gabriel FERREIRA, Miguel VILHO, Leonardo BATTAGLIONI, Roberto ZAMBELI, **Robbie RAY** (London, United Kingdom), Gustavo NUNES

AUDITORIUM

#42948 -

OP24 Does decompressive chevron osteotomy decrease subchondral bone density of the 1st metatarsophalangeal joint in hallux rigidus? **Luca TANEL** (Bolzano, Italy), Matthieu LALEVEE, Philippe BEAUDET

#42986 -

OP25 The presence of an avulsion fracture of the 1st tarso-metatarsal joint in Lisfranc injuries is a useful



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adjunct in the detection of 1st TMTJ instability. **Prashant SINGH** (London, UK, United Kingdom), Neil JONES, Marco PES, Francesc MALAGELADA, Amit PATEL, Lucky JEYASEELAN

#41019 -

OP26 Noninferiority of copper dressings compared to negative pressure wound therapy in diabetic foot – an RCT study. **Eyal MELAMED** (Haifa, Israel), Jihad DABBAH, Michael PINZUR
Discussion.

15:00 - 16:00

FREE PAPERS 4: MIDFOOT & HINDFOOT

Moderators: Mostafa BENYAHIA (Denmark), Antonio VILADOT (Spain)

#42939 -

OP27 Middle Facet Subluxation in PCFD: Effects of Plane Orientation on WBCT Measurements.

Antoine ACKER (Geneva, Switzerland), Tommaso FLORIN VALECCHI, Emily LUO, Erik HUANUCO CASAS, Grayson TALASKI, Albert ANASTASIO, Samuel ADAMS, Cesar DE CESAR NETTO

#43152 -

OP28 Medializing Calcaneal Osteotomy for progressive collapsing foot deformity alters the three-dimensional subtalar joint alignment. Loïc RAES, Matthias PEIFFER, Tim LEENDERS, Kvarda PETER, Ahn JYONG, Emmanuel AUDENAERT, **Arno BURSENS** (Ghent, Belgium)

#42935 -

OP29 Distinct Weight-Bearing CT Parameters in Pediatric vs. Non-Pediatric PCFD: Less Forefoot

Abduction and Less Middle Facet Subluxation in Pediatric Cases. **Antoine ACKER** (Geneva, Switzerland), Tommaso FLORIN VALECCHI, Emily LUO, Grayson TALASKI, Erik HUANUCO CASAS, Albert ANASTASIO, Cesar DE CESAR NETTO

#42931 -

OP30 Comparable postoperative outcomes in obese and non-obese patients following surgery for insertional Achilles tendinopathy. **Adriel You Wei TAY** (Singapore, Singapore), Rui Xiang TOH, Kizher Shahjahan MOHAMED BUHARY, Zongxian LI, Kae Sian TAY

#42989 -

OP31 Objective diagnosis and evaluation of isolated gastrocnemius tightness in standing position: An Alternative to the Silverskiöld Test. **Saiz Modol CONRADO** (Pamplona, Spain), Lopez Capdevila LAIA, Lombart-Blanco RAFAEL, Valverde Gestoso CARMEN, Jimenez-Villarejo FRANCISCO, Dominguez Sevilla ALEJANDRO

#42032 -

OP32 The size of Haglund's deformity does not matter to insertional Achilles tendinopathy: A matched case control study. **Wonyong LEE** (Sayre, PA, USA, USA), Colt CRYMES
Discussion.

STUDIO

16:00

16:00 - 17:00

DISCUSSION FORUM

Evidence for Controversies in Foot and Ankle

Moderators. Paolo CECCARINI (Italy), Antonio DALMAU (Spain)

Syndesmotic fixation – screw vs flexible. Kristian BUEDTS (Belgium)

Plantar fasciopathy – gastroc lengthening vs proximal plantar fasciotomy. Alberto GINÉS CESPEDOSA (Spain)

Metatarsalgia - plantar plate repair vs isolated osteotomy. Nick CULLEN (United Kingdom)

Ankle lateral instability – Open vs all-inside-arthroscopic. Nuno CORTE REAL (Portugal)

Discussion.

STUDIO

16:00 - 17:00

DISCUSSION FORUM

State-of-the-art MP1 Arthrodesis Technique

Moderators. Christian PLAASS (Germany), Maneesh BHATIA (United Kingdom)

Open approach: Dorsal (4 mins). Donald MC BRIDE (United Kingdom)

Open approach: Medial (4 mins). Jean-Luc BESSE (France)

Joint preparation: Flat cuts (4 mins). Oliver MICHELSSON (Finland)

Joint preparation: Ball-cup reamers (4 mins). Daniele MARCOLLI (Italy)

Joint preparation: Step-cut (4 mins). Dimitrios HATZIEMMANUIL (Greece)

Implants: Plate and screws (4 mins). Xavier OLIVA MARTIN (Spain)

Implants: Staples/crossed screws (4 mins). Elisabeth ELLINGSSEN HUSEBYE (Norway)

Postop (weightbearing/return to work-sport) (4 mins). Alistair WILSON (United Kingdom)

Discussion.

AUDITORIUM

17:00

17:00 - 17:30

COFFEE, EXHIBITION, AND POSTER WALKS



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17:05 - 17:25

POSTER WALKS PRESENTATIONS 10

Poster Walks presentations (3 mins each + 1 question from evaluators) of best scored posters:

Moderators: Paulo AMADO (Portugal), Alessio BERNASCONI (Italy), Dimitrios HATZIEMMANUIL (Greece)

#42977 -

PWP37 Benefits of circular external fixation in superconstruct reconstruction for challenging deformities: a prospective cohort study. **Anghong CHAYANIN** (Bangkok, Thailand)

#42983 -

PWP38 Minimally invasive surgery versus arthroscopic surgery for the first tarsometatarsal arthrodesis: a randomized comparative study. **Anghong CHAYANIN** (Bangkok, Thailand)

EPOSTERS
ZONE

#42994 -

PWP39 Effects of Medial Displacement Calcaneal Osteotomy and Lateral Column Lengthening Osteotomy Variations on Foot Alignment in Patients with Progressive Collapsing Foot Deformity.

Ece DAVUTLUOGLU (Istanbul, Turkey), Mete OZER, Yahya DENIZ, Soheil ASHKANI-ESFAHANI, Christopher DIGIOVANNI, Bedri KARAIMLOGLU

#43093 -

PWP40 Redefining hallux rigidus classification through an objective hounsfield unit algorithm via weightbearing computed tomography. **Emily LUO** (Durham, NC, USA), Erik HUANUCO CASAS, Tommaso FORIN VALVECCHI, Hannah STEBRAL, Grayson TALASKI, Antoine ACKER, Kepler CARVALHO, James NUNLEY, Cesar DE CESAR NETTO

17:30 - 18:40

PLENARY SESSION 3

AOFAS at EFAS - Functional Hallux Limitus/Rigidus

Moderators. Kristian BUEDTS (Belgium), Michael ARONOW (USA)

Pathomechanics. Manuel MONTEAGUDO (Spain)

Joint preserving surgery. Michael ARONOW (USA)

Arthrodesis. Kristian BUEDTS (Belgium)

Arthroplasty/resurfacing (Cartiva). David THORDARSON (USA)

Hallux rigidus in the young athlete. Eric GIZA (USA)

Discussion.

AUDITORIUM

18:45 - 18:50

ADJOURN

AUDITORIUM

Saturday 19 October

09:00 - 10:15

PLENARY SESSION 4: DIFFICULT SCENARIOS IN THE ADOLESCENT

Moderators. Barbara PICLET (France), Senthil KUMAR (United Kingdom)

Hallux valgus in patient with generalized laxity. Geoffroy VANDEPUTTE (Belgium)

Residual equinovarus after previous surgeries. Manuel MONTEAGUDO (Spain)

Equinus gait and metatarsalgia. Stephan WIRTH (Switzerland)

Symptomatic Freiberg's disease. Hans-Jörg TRNKA (Austria)

Painful flatfoot collapse with talocalcaneal bony coalition. Christina STUKENBORG-COLSMAN (Germany)

Discussion.

AUDITORIUM

10:15 - 10:45

COFFEE BREAK, EXHIBITION AND POSTER WALKS

10:45 - 12:00

BFAS FORUM:

Insertional tendinitis, conservative & operative treatment

Moderators. Kristian BUEDTS (Belgium), Giovanni MATRICALI (Belgium)

AUDITORIUM

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Achilles tendon: debride or osteotomy? Laurent GOUBAU (Belgium)
 Accessory Navicular bone: remove or fix? Kristian BUEDTS (Belgium)
 Plantar fascia : including lateral band. Geoffroy VANDEPUTTE (Belgium)
 Peroneus brevis tendon. Stefan CLOCKAERTS (Belgium)
 Anterior tibial tendon. Laurens DE COCK (Belgium)

Discussion.

10:45 - 12:00**EFAS AWARD/FELLOWSHIPS PRESENTATIONS**

Moderators. Nuno CORTE REAL (Portugal), Victor VALDERRABANO (Switzerland)
 EFAS Research Grant for "Foot & Ankle Arthrosis".
 EFAS Research Grant for "Foot & Ankle Disorders".
 EFAS Best Paper Award.
 EFAS Best Poster Award.
 EFAS Best Oral Presentation.
 EFAS Travelling Fellowship Route1.
 EFAS Travelling Fellowship Route2.
 EFAS Research Fellowship.
 EFAS-AOFAS Exchange Program - EFAS Group.
 EFAS-AOFAS Exchange Program - AOFAS Group.
 IFFAS Conference Travelling Award.
 Q&A Discussion.

STUDIO

12:05**12:05 - 13:25****SYMPOSIUM: IMAGING OF THE FOOT AND ANKLE**

Moderators. Aleksas MAKULAVICIUS (Lithuania), Donald MC BRIDE (United Kingdom)
 Weightbearing x-rays – importance and technique. Peter BOCK (Austria)
 How ultrasound imaging changed my practice? Roman TOTKOVIC (Slovakia)
 MRI – false positives and negatives. Emre BACA (Turkey)
 Weightbearing CT – indications and clinical research. Martinus RICHTER (Germany)
 SPECT-CT – trending topic and why? Matthew WELCK (United Kingdom)
 Discussion.

AUDITORIUM

12:05 - 13:00**DIABETIC FOOT AND ANKLE FORUM:**

Moderator. Armin KOLLER (Germany), Manfred THOMAS (Germany)
 The role of the foot surgeon in diabetic foot care. Armin KOLLER (Germany)
 Special features and pitfalls in diabetic foot surgery. Wilbert VAN LAAR (The Netherlands)
 Does the surgeon really know the Charcot Foot? Alexander VEE (United Kingdom)
 Orthotic off-loading for ulcerated or neuroarthropathic feet. Fredrik NILSEN (Norway)
 Discussion.

STUDIO

13:05**13:05 - 13:25****EFAS HUMANITARIAN COMMITTEE: PRESENTATION****Speakers:** Rick BROWN (United Kingdom), Manuel SOUSA (Portugal)

Discussion.

STUDIO

13:30**13:30 - 13:45****CLOSING CEREMONY**

Moderators. Kristian BUEDTS (Belgium), Manfred THOMAS (Germany), Manuel MONTEAGUDO (Spain)

AUDITORIUM

00:00**00:00 - 00:00****EPOSTERS DISPLAYED - ANKLE**

#40834 -



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"Saturday 19 October"

PO01 Autologous Matrix Induced Chondrogenesis plus Peripheral Blood Concentrate in chondral defects at the ankle as part of a complex surgical Approach - 5-year followup. **Martinius RICHTER** (Rummelsberg, Germany), Stefan Z ECH, Issam NAEF, Stefan A MEISSNER

#40845 -

PO02 Risk Factors for Postoperative Re-sprain following Suture Tape Implantation for Anterior Talofibular Ligament Insufficiency. **Jun Young CHOI** (Seoul, Republic of Korea), Jin Soo SUH, Kim MIN JIN

#40846 -

PO03 Posterior ankle arthroscopy should be selectively performed for osteochondral lesions on the posteromedial talar dome: A review of arthroscopic videos. **Jun Young CHOI** (Seoul, Republic of Korea), Jin Soo SUH, Kim MIN JIN

#40854 -

PO04 The Clinical Outcome Comparison Between Trans-Syndesmotic Fixation and Deltoid Ligament Repair in Unstable Ankle Fractures with Medial Clear Space Widening: A Systematic Review and Meta-analysis. Oliver SOGARD, John MCDONALD, Michael ELDER WATERS, **Wonyong LEE** (Sayre, PA, USA, USA)

#40855 -

PO05 The Impact of Timing in Ankle Fracture Fixation on Postoperative Wound Complications: A Critical 24-Hour Cutoff Point Explored through Systematic Review and Meta-Analysis. **Wonyong LEE** (Sayre, PA, USA, USA), John MCDONALD, Shaya SHAHSAVARANI, Alexander EDELSTEIN

#40876 -

PO06 Fixed-bearing versus mobile-bearing total ankle replacement survivorship. A meta-analysis. **González-Alonso MARCOS** (León, Spain), Trapote Cubillas ANA R, Madera González FRANCISCO J, Hernández Fernández ÓSCAR, Sánchez Lázaro JAIME A.

#40882 -

PO07 Supramalleolar osteotomy for malaligned total ankle replacement. **Daniel SARAIVA** (Oporto, Portugal), Daniel FREITAS, Rodrigues ANDRÉ, Marco SOUSA, Pato TIAGO, José TULHA

#40886 -

PO08 Analysis of Pre- and Postoperative Magnetic Resonance Imaging (MRI) and Functional status in Anterior Talofibular Ligament Injury Managed with Arthroscopic Modified Broström Procedure augmented with internal bracing. **Tsungyu LAN** (New Taipei City, Taiwan)

#40915 -

PO09 Demographic Disparities in 30-Day Outcomes Following Achilles Tendon Repair. **Dino FANFAN** (Miami, USA), William RITTMAYER, Aditi KUMAR, Daniel MURRAY, Cary CHAPMAN

#40922 -

PO10 Use of an MRI request protocol reduces inappropriate repeat foot and ankle MRI scans. Beer ALEXANDER, Amir ARDAKANI, Patel SHELAIN, Cullen NICHOLAS, Welck MATTHEW, **Malhotra KARAN** (London, United Kingdom)

#40951 -

PO11 Using sense of vibration to evaluate proprioception to ankle sprain. **Emre BACA** (istanbul, Turkey), Muhammed Can ARI

#41101 -

PO12 Outcomes of Platelet-Rich Plasma Infiltration and Weightbearing Cast Immobilization in Distal Tibialis Anterior Tendinopathy: A Prospective Cohort Study. **Lies DESOMER** (Basel, Switzerland), Nathalie VAN BEEK, Anne VAN RIET, Stefaan VERFAILLIE

#41131 -

PO13 Patient Reported Outcomes with the Use of Fibular Nail Fixation, Retrospective Review of 40 Cases. Solangel RODRIGUEZ-MATERON, **Dino FANFAN** (Miami, USA), Nicholas DENOVE, Danae HOLLINGSWORTH, Paloma GAUTHIER, Christopher HODGKINS

#41132 -

PO14 Retrospective Review of 200 Fibula Nails with Proximal and Distal Fixation. Solangel RODRIGUEZ-MATERON, **Dino FANFAN** (Miami, USA), Nicholas DENOVE, Danae HOLLINGSWORTH, Paloma GAUTHIER, Christopher HODGKINS

#41166 -

PO15 Clinical and functional results 5 years after arthroscopic tibiototal calcaneal arthrodesis with retrograde nail. Guillermo GARCIA CRUZ, **Omar Alfonso GUERRA ALVAREZ** (SEGOVIA, Spain), Gonzalo GALVEZ MARQUEZ, Alvaro DE LA RUBIA MARCOS, Jose Manuel RUIZ ANDREU ORTEGA, Jose Alberto RODRIGO VERGUIZAS

#41235 -

PO16 Comparative Outcomes of Trans-fibular Total Ankle Arthroplasty in Rheumatoid Arthritis and Osteoarthritis. **Koichiro YANO** (Tokyo, Japan), Katsunori IKARI, Ken OKAZAKI

#41613 -

PO17 Short course of intravenous corticosteroids does not reduce swelling and soft tissue damage for trimalleolar ankle fractures. **González-Alonso MARCOS** (León, Spain), Trapote Cubillas ANA R, Madera González FRANCISCO J, Hernández Fernández ÓSCAR, Sánchez Lázaro JAIME A.

#42548 -

PO18 Bone grafting for periprosthetic bone cysts following total ankle arthroplasty. **Gun-Woo LEE** (Gwangju, Republic of Korea), Min-Su LEE, Keun-Bae LEE

#42559 -

PO19 Extensor digitorum longus repair augmented with peroneal tertius autograft (late complication of anterior ankle arthroscopy). **Daniel SARAIVA** (Oporto, Portugal), Daniel FREITAS, Rodrigues ANDRÉ, Marco SOUSA, Pato TIAGO, José TULHA

#42576 -

PO20 Prediction of Syndesmotic Instability according to the Lateral Malleolus Fracture Pattern in Supination-External Rotation Type Ankle Fractures. Gun-Woo LEE, **Jong-Eun KIM** (Gwangju, Republic of Korea), Keun-Bae LEE

#42621 -

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PO21 Observational study of long-term (14 years) outcomes of operatively treated ankle fractures in a cohort of 330 patients. Taeyeong Tina HA, Kirsten GRANT, Jane MADELEY, **Senthil KUMAR** (Glasgow, United Kingdom)

#42637 -

PO22 Optimizing Maisonneuve Fracture Reduction: A Case Series Using a Novel Distraction Technique.

Craigven SIM (Singapore, Singapore), Eric CHER

#42732 -

PO23 The Deltoid-Spring Ligament Complex: A Scopus Review and Segmental classification.

Zain Al Abdeen AL ZUABI (Kings Lynn, United Kingdom), Pasapula CHANDRA, Andrey BILYI, Waiwai WINMAR, Money MANSO, Steven FAMURE, Georgios SOLOMOU, Cecilia BRASSETT

#42741 -

PO24 Arthroscopic versus Open Repair for Chronic Lateral Ankle Instability: An Updated Systematic Review and Meta Analysis. Ryan Wei Keong LOKE, Alexander Xi Xuan ANG, **Jonathan Jia En BOEY** (Singapore, Singapore), Vikaesh MOORTHY, Ruixiang TOH, Kae Sian TAY

#42829 -

PO25 Total ankle replacement versus non-operative management for end-stage ankle osteoarthritis: a comparative analysis at 1-2 years follow-up. **Karolien SCHWAGTEN** (Kortrijk, Belgium), Mathieu DEJONGHE, Corey SCHOLES, Andrew WNES

#42869 -

PO26 Arthroscopic treatment of chronic lateral ankle instability: a new technique. **Luís FABIÃO** (Barcelos, Portugal), Vitor MACEDO-CAMPOS, Rita FARIA DE CASTRO, Tiago P. BARBOSA, João CASTRO MENDES, Luís Miguel SILVA, Tiago FRADA, Daniel FREITAS, Guilherme FRANÇA, Nuno ESTEVES, Bruno S. PEREIRA

#42884 -

PO27 Ankle arthrodesis case report - back to basics. Rute SANTOS PEREIRA, **João RAPOSO** (Porto, Portugal), João CRUZ, Joana RODRIGUES, Claudio GARCIA, Tiago CANAS, Ricardo SIMÕES

#42902 -

PO28 Fixed-Bearing Versus Mobile-Bearing in Total Ankle Arthroplasty: A Systematic Review and Meta-Analysis.

Chiara COMISI (ROMA, Italy), Tommaso GRECO, Virginia CINELLI, Antonio MASCIO, Chiara POLICETTI, Giulio MACCAURO, Carlo PERISANO

#42903 -

PO29 "Intact" lateral ankle ligaments finding on MRI does not imply "competent" ligaments -The role of EUA in chronic symptomatic Ankle Instability. Aysna RAJEEV, **George KOSHY** (Gateshead, United Kingdom), Kailash DEVALIA

#42904 -

PO30 Foot and ankle trauma: epidemiology before, during and post COVID - 19 pandemic in a Level I Trauma center. A 5-year experience and data analysis. **Antonio MASCIO** (ROMA, Italy), Chiara COMISI, Tommaso GRECO, Chiara POLICETTI, Virginia CINELLI, Giulio MACCAURO, Carlo PERISANO

#42913 -

PO31 Predictive factors for tillaux-chaput tubercle fracture: a case-control study of 28 cases.

Cedric DONGMO MAYOPA (Brussels, Belgium), David ANCELIN, Despotin PAULINE, Julie MANON, Gasparly FODJEU, Randy BUZISA MBUKU, Mascalheyn MAXIME, Olivier CORNU, Karim TRIBAK, Dan PUTINEANU

#42926 -

PO32 Tibiotalocalcaneal Arthrodesis with Retrograde Intramedullary Nail: A Retrospective Analysis of Results Over 7 Years. **Ramiro VERA SALAS** (Santiago, Chile), Frano ATLAGICH LOPEZ, Luis ORTIZ MENESES, Sergio FUENTES TRAVERSO, Andres FUENTEALBA POOLEY, Hugo HENRIQUEZ SAZO

#42934 -

PO33 Ankle arthrodesis with Neofuse® In2Bones® anterior plate : preliminary results of a prospective multicentric study. **Floriane MOORE** (Dijon), Yves TOURNE

#42936 -

PO34 Technique and early results of endoscopic flexor hallucis longus transfer with interference screw and additional tension slide cortical button for achilles tendon rupture. **Samuel FRANKLIN** (London, United Kingdom), Vikramman VIGNARAJA, Tom LEWIS, Robbie RAY

#42937 -

PO35 Results of ultrasound guided hyaluronic acid injection in patients with ankle osteoarthritis and osteochondral lesions of the talus. Enrique Alberto VARGAS MEOUCHI, **Andrea SALLEN FONT** (Barcelona, Spain), Iker BENEGAS LAGE, Yuri Denis LARA TARANCHEENKO, Gemma DUARRI LLEDO, Rosa BUSQUETS NET, Matias DE ALBERT, Marta ALTAYO CARULLA, Ignacio MALED GARCIA

#42942 -

PO36 Description and considerations of tibial cartilage involvement in Chevron and Oblique type medial malleolus osteotomies. A Cadaveric study. Pablo RUIZ RIQUELME, Albert BADUELL, Magdalena CASTRO, Miki DALMAU PASTOR, Carlo GAMBA, Daniel POGGIO CANO, **Enrique Adrian TESTA** (Bellinzona, Switzerland)

#42949 -

PO37 A Glomus Tumor at the Achilles Tendon: A Case Report. **Erika JERELE** (NOVO MESTO, SLOVENIA, Slovenia), Matevž BAJUK, Pika KRISTOF MIRT

#42970 -

PO38 Improvement in clinical outcomes following arthroscopic all-inside medial lateral ligament reconstruction for rotational ankle instability. Thomas LEWIS, Joe AYATHAMATTAM, Vikramman VIGNARAJA, Mikel DALMAU-PASTOR, Gabriel FERREIRA, Gustavo NUÑES, **Robbie RAY** (London, United Kingdom)

#42971 -

PO39 Osteochondral Lesions of the Ankle: Autologous Osteochondral Transplantation from the Knee. Clinical and Functional Outcomes of the Donor and Recipient Sites. **Julieta BRUE** (Buenos Aires, Argentina), Virginia CAFRUNI, Ana Cecilia PARISE, Julian PARMA, Pablo SOTELANO, Daniel VILLENA, Leonardo CONTI, Nelly Marina CARRASCO, Maria Gala SANTINI ARAUJO

#42979 -

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on registration

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**"Saturday 19 October"**

- PO40 ARTHROSCOPIC MICROFRACTURE AND ASSOCIATED TECHNIQUES IN THE TREATMENT OF OSTEOCHONDRAL LESIONS OF THE TALUS: A SYSTEMATIC REVIEW AND METANALYSIS. **Susanna BASCIANI** (Rome, Italy), Simone SANTINI, Gianluca MARINEO, Marco DONANTONI, Dario MARTINELLI, Marinozzi ANDREA
#42981 -
- PO41 CURRENT CONCEPTS IN ANKLE MICROINSTABILITY AND ANKLE FUNCTIONAL INSTABILITY. **Susanna BASCIANI** (Rome, Italy), Simone SANTINI, Matteo GUELFI, Biagio ZAMPOGNA, Gianluca MARINEO, Dario MARTINELLI, Marco DONANTONI, Marinozzi ANDREA
#42982 -
- PO42 Particulated autologous cartilage transplantation (PACT) for the treatment of osteochondral lesion of the talus: can the lesion cartilage be recycled? **Dong Woo SHIM** (Seoul, Republic of Korea), Wonwoo LEE, Yeekwon YOON, Kwang Hwan PARK, Seung Hwan HAN, Jin Woo LEE, Bom Soo KIM
#42985 -
- PO43 The Impact of Tibiofibular overlap on Postoperative Plantar Pressure in Trimalleolar Fractures. Hayati Hürol TÜRKÖĞLU, **Mehmet Ali TOKGÖZ** (Ankara, Turkey), İnci AYS
#42991 -
- PO44 Use of fresh-frozen allograft in osteochondral lesions of the talus. **Saiz Modol CONRADO** (Pamplona, Spain), Lombart-Blanco RAFAEL, Settels LUCIA ELISA, Valverde Gestoso CARMEN, Alfonso MATÍAS, Villas Tomé CARLOS
#42995 -
- PO45 Titanium Platform Cage as a device to fill bone voids and defects after TAA or revision of pseudarthrosis after ankle arthrodesis. **Uwe KLAPPER** (Castrop-Rauxel, Germany)
#43000 -
- PO46 Addressing Severe Ankle Deformity in Charcot Arthropathy: Tibiocalcaneal Arthrodesis with Hindfoot Nail Technique. **Norliyana MAZLI** (Kuala Lumpur, Malaysia), Mohd Yazid BAJURI, Nik Alif Azri NIK ABDULLAH
#43010 -
- PO47 Osteochondral lesions of the talus treated with amic technique: long term results. **Elena DELMASTRO** (Milan, Italy), Manfred THOMAS
#43025 -
- PO48 Outcomes of total talus replacement using 3D-printed titanium prosthesis, a case series. **Bom Soo KIM** (Incheon, Republic of Korea), Myung-Geun SONG
#43027 -
- PO49 Supramalleolar tibia osteotomies as ankle preservation surgery: our experience in a case series. **Jan MARTINEZ-LOZANO** (Barcelona, Spain), Albert FONTANELLAS FES, Carlo GAMBÀ, Gemma GÓMEZ-ÁLVAREZ-LUCENA, Alberto GINES-CESPEDOSA
#43044 -
- PO50 The occurrence of Osteochondral Lesions of the Talus alongside Anterior Talofibular Ligament injuries, and the value of using clinical presentation to guide imaging decisions. **Dhivakaran GENGATHARAN** (Singapore, Singapore), Walter WONG SOON YAW, Inderjeet Singh RIKHRAJ, Eric CHER WEI LIANG
#43054 -
- PO51 Rethinking surgical incisions for trimalleolar ankle fracture - a novel surgical technique. **Seng WONG** (Singapore, Singapore), Jiäjun FENG, Eric CHER
#43069 -
- PO52 The salto total ankle arthroplasty - clinical and radiological outcomes for a single-surgeon series of 102 patients at 11 years follow-up. **Max LITTLE** (London, United Kingdom), Charlotte BINNIE, Iris KWOK, Derek EFFIOM, Jonathan SUPER, Peter ROSENFELD
#43083 -
- PO53 Ankle instability due to non-union of the external malleolus. **Juan MORENO BLANCO** (Madrid, Spain), Pablo SIERRA MADRID, Araceli MENA ROSON, Maria Soledad PÉREZ ANTONANAZAS, Alberto PLASENCIA HURTADO DE MENDOZA, Oscar SERRANO ALONSO
#43085 -
- PO54 "Customize to achieve Perfection?" - Total Ankle Arthroplasty with Customized Cutting Guides - Case Series. **Margarida GOMES** (Macedo de Cavaleiros, Portugal), José ARAÚJO, Carla CARREÇO, Rosana PINHEIRO, Diogo BARROS, Bárbara FERREIRA, Ana LAVADO, António ANDRADE
#43087 -
- PO55 Tibio Talar Calcaneal Arthrodesis as a Final Treatment of Failed Total Ankle Arthroplasty. **Paschalis PAPANIKOLAOU** (Naousa, Greece), Renantzoula GOUTSIU, Grigorios ANAGNOSTOU, Menelaos PAPADAKIS, Ioannis VASIADIS, Alexandros ELEFTHEROPOULOS
#43096 -
- PO56 Normative Contact Mechanics of the Ankle Joint: Quantitative Assessment Utilizing Bilateral Weightbearing CT Journal of Biomechanics. **Matthias PEIFFER** (Ghent, Belgium), Samir GHANDOUR, Atta TASEH, Nour NASSOUR, Arne BURSSSENS, Gregory WARYASZ, Lorena BEJARANO-PINEDA, Soheil ASHKANI-ESFAHANI, Emmanuel AUDENAERT, Christopher DIGIOVANNI
#43100 -
- PO57 All endoscopic Brostrom-Gould repair, technique and 5-year preliminary results. Choon Chiet Andrew HONG, **Christel CHARPAIL** (Bordeaux), Stéphane GUILLO
#43102 -
- PO58 Comparison of Complications and Cost of locking vs non-locking plates in lateral malleolus fractures in patients aged 60 and above. Nabeela FAROOQ, **Hamed MAZOOCHY** (London, United Kingdom), Lakshmi VORUGANTI, Suresh CHANDRASHEKAR, Yaser GHANI
#43104 -
- PO59 Review of arthroscopic surgical options for talar dome osteochondral lesions repair. **Borna STRAHONJA** (Zagreb, Croatia), Hrvoje KLOBUCAR, Denis TRSEK



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#43108 -

PO60 Runners have higher soleal tightness as compared to non-runners: a prospective case-control study.

Ankit DADRA (CHANDIGARH, India), Siddhartha SHARMA, Prasoon KUMAR, Sandeep PATEL, Karan JINDAL

#43118 -

PO61 Personalized resurfacing: a game-changer on treating osteochondral lesions of talus? **Luís BARBOSA PINTO** (Viseu, Portugal), Rui SOUSA, Simão PINHO, Marta LAGES, André CARVALHO, Luís MACHADO RODRIGUES

#43121 -

PO62 An updated systematic review and meta-analysis of outcomes of open versus arthroscopic repair of lateral ankle ligament for lateral Ankle Instability. Sandeep Kumar YADAV, **Rajesh Kumar RAJNISH** (India, India)

#43132 -

PO63 Influence of Syndesmotic injury patterns on mid term functional and radiological outcomes in complex ankle fractures. **Sandeep PATEL** (Chandigarh, India, India), Siddhartha SHARMA, Mandeep DHILLON, Manjunath NISHANI

#43133 -

PO64 Ankle fractures with Chaput fragment: A new classification system with insights into morphology and relation to surgical treatment. **Sandeep PATEL** (Chandigarh, India, India), Mandeep DHILLON, Siddhartha SHARMA

#43150 -

PO65 Posterior ankle arthroscopy: Medial first technique. Abdurrahman VURAL, Ibrahim KAYA, Resul BIRCAN,

Mehmet Ali TOKGÖZ (Ankara, Turkey), Ahmet YILDIRIM, Ulunay KANATLI

#43155 -

PO66 Ligamentous Ankle Lesions in Relation to the Morphometrics of the Incisura Fibularis: A Systematic Review.

Louise WITTOUCK (Gent, Belgium), Ruben VERMEIR, Matthias PEIFFER, Wouter HUYSSSE, Nicolo MARTINELLI, Kris BUEDTS, Emmanuel AUDENAERT, Arne BURSENS

00:00 - 00:00

EPOSTERS DISPLAYED - FOREFOOT

#40836 -

PO67 Autologous Matrix Induced Chondrogenesis plus Peripheral Blood Concentrate in chondral defects of the 1st metatarsophalangeal joint - 5-year followup. **Martinus RICHTER** (Rummelsberg, Germany), Stefan ZECH, Issam NAEF, Stefan A MEISSNER

#40838 -

PO68 Comparison total joint replacement with arthrodesis of the 1st metatarsophalangeal joint. **Martinus RICHTER** (Rummelsberg, Germany), Stefan ZECH, Issam NAEF, Stefan A MEISSNER

#40853 -

PO69 The Comparison of Clinical Outcomes between Plantar Versus Dorsal Approaches in Morton's Neuroma

Excision: A Systematic Review and Meta-Analysis. **Wonyong LEE** (Sayre, PA, USA, USA), John MCDONALD, Mohammad AZAM, Andrew LACHANCE

#40892 -

PO70 The position, orientation, and relative size of the fibularis longus tubercle in normal patients - a weightbearing CT assessment. Amir Hossain GAHANBANI ARDAKANI, Branavan RUDRAN, Howard STRINGER, Matthew WELCK, Lyndon MASON, **Karan MALHOTRA** (London, United Kingdom)

#40917 -

PO71 Surgical Correction of Hallux Valgus Deformity with Co-Inciting Metatarsus Adductus: A Systematic Review. **Dino FANFAN** (Miami, USA), Nicholas DENOVE, Christian GUEVARA, Cary CHAPMAN, Daniel MURRAY

#40918 -

PO72 Radiographic and Clinical Results of Minimally Invasive Transverse Distal 1st Metatarsal and Akin Osteotomies for Symptomatic Hallux Valgus. **Dino FANFAN** (Miami, USA), Christian GUEVARA, George TODD, Daniel MURRAY, Thomas SAN GIOVANNI, Christopher HODGKINS, Cary CHAPMAN

#40920 -

PO73 Radiographic Evaluation of Time to Union in Minimally Invasive Hallux Valgus Correction. **Dino FANFAN** (Miami, USA), Daniel MURRAY, Christian GUEVARA, Christopher HODGKINS, Thomas SAN GIOVANNI, Cary CHAPMAN

#40942 -

PO74 Hallux rigidus treatment: we prefer interpositional arthroplasty of the first MTP joint. **Kirill MIKHAYLOV** (Saint-Petersburg, Russia), Alexander BULATOV, David PLIEV, Maxim GUATSAEV

#41745 -

PO75 Influence of mood on the outcome of hallux valgus surgery. **I Jaime A SÁNCHEZ LÁZARO** (León, Spain), Fátima JUAN MANGAS, Ana R TRAPOTE CUBILLAS, Francisco J MADERA GONZÁLEZ, Óscar FERNÁNDEZ HERNÁNDEZ

#42107 -

PO76 Mid-term outcome of distal osteotomy and first tarsometatarsal joint fusion for hallux valgus. **Evita RUMBA** (Kuldīga, Latvia), Erika STURMANE, Alma EGLE, Ruta JAKUŠONOKA, Zane PAVĀRE

#42603 -

PO77 Does the Type of Peroneus Longus Insertion Relate to the Development of Hallux Valgus? An Anatomical Cadaveric Study. Abdul GOMAA, **Vasileios LAMPRIDIS** (UK, United Kingdom), L HULLS, A RASSELL-WATSON, Lyndon MASON, Alastair BOND

#42606 -

PO78 THE MARQUETRY TECHNIQUE FOR FAILED FIRST METATARSOPHALANGEAL JOINT FUSION. Giovanni TISO, **Iñaki MEDIAYLLA** (BILBAO, Spain), Mikel ARAMBERRI, Anton AGUIRRE

#42624 -

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PO79 DEPENDENT TREATMENT OUTCOMES IN MORTON'S NEUROMA: A COMPARATIVE ANALYSIS OF INJECTION AND SURGICAL INTERVENTIONS. Prajwal SRINIVASAN, Jordi BALLESTER, **Raam Mohan SELVARAJAN** (Liverpool, United Kingdom), Gerald TAN, Max ROSS

#42628 -

PO80 Meniscal-like tissue in the metatarsophalangeal joint of the first ray. **Laetitia THEUNISSEN** (Bruxelles, Belgium), Julien LABORDE, Céline FERNANDO, Michel MOREAU, François LINTZ

#42758 -

PO81 Percutaneous vs open first metatarsophalangeal joint arthrodesis: a proportional meta-analysis and systematic review. Antonio IZZO, **Alessio BERNASCONI** (Napoli, Italy)

#42798 -

PO82 Is it necessary to modify the hallux valgus algorithm based on flat feet? the importance of double correction.

Ana NÚÑEZ GARCÍA, **Jaime A SÁNCHEZ LAZARO** (León, Spain), Javier SUÁREZ PÉREZ, Oscar FERNÁNDEZ HERNÁNDEZ, Ana R TRAPOTE CUBILLAS, Francisco J MADERA GONZÁLEZ

#42871 -

PO83 Turf-toe injuries, a diagnostic and therapeutic challenge. **Ana Rosa TRAPOTE CUBILLAS** (León, Spain), Marcos GONZÁLEZ ALONSO, Francisco MADERA GONZÁLEZ, Oscar FERNÁNDEZ HERNÁNDEZ, Jaime Antonio SÁNCHEZ LAZARO

#42879 -

PO84 Our choice is Hofmann surgery for rheumatoid arthritis. **Kirill MIKHAYLOV** (Saint-Petersburg, Russia), Alexander BULATOV, Victor FOMICHEV, David PLIEV

#42890 -

PO85 Return To Activity After Sesamoidectomy. Long Term Results. **Maria Cristina GARCIA-MARTINEZ** (BARCELONA, Spain), Javier GONZÁLEZ-USTES, Sara CASTELLANOS-ALONSO, Cristina BALLESTERO-TELLEZ, Josep NOVELL-ALSINA

#42892 -

PO86 Arthrodesis Of The Hallux As Salvage Surgery For Osteonecrosis Of The Proximal Phalanx After Percutaneous Surgery. A clinical case from our unit. **Maria Cristina GARCIA-MARTINEZ** (BARCELONA, Spain), Javier GONZÁLEZ-USTES, Sara CASTELLANOS-ALONSO, Cristina BALLESTERO-TELLEZ, Josep NOVELL-ALSINA

#42899 -

PO87 Method to perform the proximal and distal cuts of scarf osteotomy with the correct obliquity.

Fernández RAFAEL (Valencia (Spain), Spain)

#42906 -

PO88 Minimally invasive treatment of recurrent diabetic foot ulcers on the fifth metatarsal head. **Baidir HALOUI** (Aalst, Belgium), Wahid REZ AIE, Frank NOBELS

#42911 -

PO89 Union rate, metalwork removal and complications in Lapidus bunion correction using a plantar Lapidus plate, intercuneiform stabilisation and immediate weightbearing. Togay KOC, **Hesham OSHBA** (Crowthorne, United Kingdom)

#42912 -

PO90 The learning curve of Minimally-invasive Extra-articular Transverse metatarsal and Akin osteotomy using an external jig for reduction, wire and screw placement. Togay KOC, **Hesham OSHBA** (Crowthorne, United Kingdom)

#42916 -

PO91 Hallux valgus complicated by gouty tophi treated with joint sparing corrective osteotomy.

Keng Pui, Bryan HON (Singapore, Singapore), Wei Liang, Eric CHER

#42923 -

PO92 Comparison of radiographic outcomes and 1st metatarsal shortening between minimally invasive chevron and akin, lapidus and scarf procedures in hallux valgus surgeries. **Keng Pui, Bryan HON** (Singapore, Singapore), Teddy CHEONG, Wenxian PNG, Inderjeet SINGH RIKHRAJ, Wei Liang, Eric CHER

#42938 -

PO93 Cartiva interpositional arthroplasty versus arthrodesis in the treatment of hallux rigidus: A retrospective comparative study with mean 2 year follow up. Tom LEWIS, Sam TROWBRIDGE, **Samuel FRANKLIN** (London, United Kingdom), Benjamin LAU, Ramy SHEHATA, Shirley LYLE, Robbie RAY

#42940 -

PO94 Lateral release in open hallux valgus correction surgery through a "trans-osteotomy" approach: a comparison cadaveric study with the trans articular approach. **Enrique Adrian TESTA** (Bellinzona, Switzerland), Daniel POGGIO CANO, Markus KNUPP, Pablo RUIZ RIQUELME, Annamaria PORRECA, Albert BADUELL, Martin RIEGGER, Miki DALMAU PASTOR

#42950 -

PO95 Fifteen years learning curve of scarf osteotomy for hallux valgus correction. **Hrvoje KLOBUČAR** (Zagreb, Croatia), Borna STRAHONJA, Denis TRSEK

#42951 -

PO96 Popliteal nerve block anaesthesia versus combined spinal anaesthesia and local infiltration anaesthesia during hallux valgus surgery: a randomised clinical trial. **Leonieke PALMEN** (Nijmegen, The Netherlands), Myrthe VAN DE VEN, Eicke KARTHHAUS, Sander KOETER, Justus JANSEN

#42960 -

PO97 Five-year and extended postoperative outcomes of hallux valgus surgery: patient satisfaction and radiological results in a retrospective cohort study. **Mikaela ENGARAS HAMRE** (Grålum, Norway), Fredrik NILSEN, Marius MOLUND

#42963 -

PO98 Checkrein deformity managed by midfoot Flexor Hallucis Longus Z-Plasty: A Case Report.

Ana Rosa TRAPOTE CUBILLAS (León, Spain), Marcos GONZÁLEZ ALONSO, Francisco MADERA GONZÁLEZ, Oscar FERNÁNDEZ HERNÁNDEZ, Jaime Antonio SÁNCHEZ LAZARO

#42972 -



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PO99 Proximal intermetatarsal angle behavior in percutaneous surgery: META vs MICA. **Julieta BRUE** (Buenos Aires, Argentina), Virginia CAFRUNI, Ana Cecilia PARISE, Julian PARMA, Pablo SOTELANO, Leonardo CONTI, Daniel VILLENA, Nelly Marina CARRASCO, Maria Gala SANTINI ARAUJO

#42974 -

PO100 A novel treatment of end stage adult hallux rigidus with distal oblique osteotomy and autologous matrix induced chondrogenesis: A case report. **Wenxian PNG** (Singapore, Singapore), Cher ERIC, Ow ZACHARIAH, Singh INDERJEET

#43004 -

PO102 Prospective observational analysis of intraoperative radiation exposure in minimally invasive foot surgery. **Dries DE ROOS** (Aalst, Belgium), Wahid REZAIE

#43005 -

PO103 Optimal First Metatarsal Shortening for Grades I-III Hallux Rigidus: Impact on Functional Outcomes and Transfer Metatarsalgia. **Albert FONTANELLAS FES** (Barcelona, Spain), Carlo GAMBA, Gemma GONZALEZ LUCENA, Jan MARTINEZ LOZANO, Alberto GINES CESPEDOSA

#43006 -

PO104 ARE SUBUNGUAL EXOSTOSES PART OF THE NORMAL ANATOMY OF THE DISTAL PHALANX OR ARE THEY ACQUIRED WITH AGE? Carmen VALVERDE GESTOSO, Matias ALFONSO OLMOS-GARCIA, **Rafael LLOMBART BLANCO** (Pamplona, Spain), Conrado SAIZ MODOL, Nerea MATEO GUARCH, Francisco JIMENEZ-VILLAREJO DIAZ, Laura OLIAS ORTIZ

#43007 -

PO105 "THE CONCORDE SIGN" AS AN EASY SIGN OF ROTATION OF THE FIRST TOE. Carmen VALVERDE GESTOSO, Matias ALFONSO OLMOS-GARCIA, **Rafael LLOMBART BLANCO** (Pamplona, Spain), Conrado SAIZ MODOL, Francisco JIMENEZ-VILLAREJO DIAZ, Nerea MATEO GUARCH, Isabel MARTINEZ BURGOS

#43008 -

PO106 WHAT PLAIN RADIOGRAPHIC DATA RELATE TO THE ROTATION OF THE FIRST RADIUS IN HALLUX VALGUS? Carmen VALVERDE GESTOSO, Matias ALFONSO OLMOS-GARCIA, **Rafael LLOMBART BLANCO** (Pamplona, Spain), Conrado SAIZ MODOL, Francisco JIMENEZ-VILLAREJO DIAZ, Nerea MATEO GUARCH, Marta CABRERA LOPEZ

#43015 -

PO107 A comparison of Patients Reported Outcome Measures of Memory Staples vs. Compression Plate in First Metatarsophalangeal Joint Arthrodesis. Haroon ZAFFAR, Zuha SOHAIL, Turab SYED, **Efstathios DRAMPALOS** (STIRLING, United Kingdom)

#43061 -

PO108 Comparison of two osteotomies in terms of radiologic and morphologic improvement in moderate and severe hallux valgus. **Fatih BARCA** (Ankara, Turkey), Ekin Barış DEMİR, Bekir DOĞAN, Mutlu AKDOĞAN, Halis Atıl ATILLA, Yalım ATEŞ

#43075 -

PO109 Improved cartilage healing following matrix induced chondrogenesis in the treatment of hallux rigidus.

Daran HUANG, Rikhranj INDERJEET SINGH, Wenxian PNG, **Eric Wei Liang CHER** (Singapore, Singapore)

#43076 -

PO110 Improved clinical outcomes following matrix induced chondrogenesis in the treatment of hallux rigidus.

Daran HUANG, Rikhranj INDERJEET SINGH, Wenxian PNG, **Eric Wei Liang CHER** (Singapore, Singapore)

#43092 -

PO111 With the MICA procedure, is the hallux valgus severity classification obsolete? **Michael MICHLIN** (Kfar Saba, Israel)

#43120 -

PO112 Clinical Outcomes of Percutaneous Forefoot Surgery: A Two-Year Review. **Ester NAVARRO CANO** (Barcelona, Spain), Albert BROCH, Hernan RUIZ MORALES, David TORRAS DESUMBILA, Fernando FUNES

#43127 -

PO113 Minimally invasive surgical management of bunionette deformity (tailor's bunion) using fifth metatarsal osteotomies: a systematic review and meta-analysis. Thomas LEWS, Peter LAM, Yousif ALKHALFAN, **Robbie RAY** (London, United Kingdom)

#43131 -

PO114 Proximal medial gastrocnemius release in the treatment of diabetic foot ulcers. Sebastiaan TERWOGT, Wouter BREKELMANS, Menno BENARD, **Wilbert VAN LAAR** (Leiden, The Netherlands)

#42988 -

PO101 Failing to achieve the metatarsal parabola of Maestro formula after second metatarsal Weil osteotomies.

Does it increase the risk of re-intervention? Jimenez-Villarejo FRANCISCO, **Lombart-Blanco RAFAEL** (Pamplona, Spain), Saiz-Modol-CONRADO, Valverde-Gestoso-CARMEN, Alfonso-MATIAS

00:00 - 00:00

EPOSTERS DISPLAYED - HINDFOOT

#40870 -

PO115 Subtalar arthroereisis implant migration rate in symptomatic flexible flat feet children: a cohort study of long term follow up result. **Tsungyu LAN** (New Taipei City, Taiwan)

#40883 -

PO116 Midfoot fusion following Chopart fracture-dislocation. **Daniel SARAIVA** (Oporto, Portugal), Daniel FREITAS, Rodrigues ANDRÉ, Pato TIAGO, Marco SOUSA, José TULHA

#40884 -

PO117 Forefoot Morphotypes in Cavovarus Feet - A Novel Classification. **Karan MALHOTRA** (London, United Kingdom), Shelain PATEL, Nick CULLEN, Matt WELCK

#40906 -

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PO118 Predictors of rigidity in progressive collapsing foot deformity (PCFD): a retrospective comparative study with healthy controls, flexible and rigid PCFD patients. **Tommaso FORIN VALVECCHI** (Milano, Italy), Antoine ACKER, Erik HUANUCO CASAS, Chien-Shun WANG, Emily LUO, Tiago SOARES BAUMFELD, Henrique MACIEL PRUDENTE, Mark EASLEY, Daniele MARCOLLI, De Cesar Netto CESAR

#41113 -

PO119 A comparative study of the clinical results of two methods of surgical treatment of the hollow foot: removal of the navicular bone with osteotomy of the cuboid bone and osteotomy of Cole. **Vladislav APRESYAN** (Moscow, Russia), Levon MAKINYAN, Albert MANNANOV

#41120 -

PO120 Efficacy of percutaneous ultrasonic fasciotomy in the management of recalcitrant plantar fasciitis - a case series. Tai Yong LOH, **Don Thong Siang KOH** (Singapore, Singapore), Zongxian LI, Kizher Shajahan Mohamed BUHARY, Ruixiang TOH, Kae Sian TAY

#41155 -

PO121 Concomitant hind foot supra- or inframalleolar osteotomies for the treatment of osteochondral lesions of the talus - an evaluation of the DGOU cartilage registry. **Christopher HALE** (Homburg, Germany), Stefan LANDGRAEBER, Joe WAGENER, Philipp WINTER

#41165 -

PO122 Subacute Lisfranc injury on a 56 years old female using anatomical reconstruction with semitendinosus autograft. Surgical technique. Guillermo GARCIA CRUZ, **Omar Alfonso GUERRA ALVAREZ** (SEGOVIA, Spain), Gonzalo GALVEZ MARQUEZ, Fernando BRAGADO SANTACRUZ, Jose Alberto RODRIGO VERGUIZAS

#41222 -

PO123 Morselled Femoral Head Impaction Bone Grafting of Large Defects in Ankle and Hindfoot Fusions. Bakur JAMJOM, **Karan MALHOTRA** (London, United Kingdom), Shelain PATEL, Matt WELCK, Nick CULLEN, Tim CLOUGH

#41370 -

PO124 Factors influencing successful bone union of isolated subtalar arthrodesis for posttraumatic subtalar arthritis: a multicenter case series. Kim HYONG NYUN, Choi YONG RAK, Kim BOM SOO, Kim YU MI, Lee JAEHYUNG, Cho JAE HO, **Park JAE YONG** (Anyang, Republic of Korea)

#42528 -

PO125 Calcaneal z osteotomy: an option to correct progressive collapsing foot deformity. **Nuria BOO GUSTEMS** (Barcelona, Spain), Julian David MOLANO CASTRO, Alejandro DOMINGUEZ SEVILLA, Jordi MONTANYA MANICH, Jorge ROMAN VERDASCO

#42560 -

PO126 Peroneus brevis to longus transfer in a cadaveric flatfoot model. Foot 3D motion and plantar pressure evaluation with different calcaneal osteotomies. Emilio WAGNER, **Pablo WAGNER** (Santiago, Chile), Sebastian GERICKE, Oscar TORREALBA, Felipe PALMA, Rodrigo GUZMAN

#42631 -

PO127 Bone density analysis in the distal tibia after subtalar arthrodesis using WBCT. François LINTZ, **Alessio BERNASCONI** (Napoli, Italy), Eli SCHMIDT, Laetitia THEUNISSEN, Céline FERNANDO, Matthieu LALEVEE, Cesar DE CESAR DE NETTO

#42653 -

PO128 Treatment of Symptomatic Flexible Flat Foot in Pediatrics with A Modified Mosca's Lateral Column Lengthening. Alireza GHAZNAVI, **Shayan AMIRI** (Tehran, Islamic Republic of Iran), Ahmad HEMMATYAR

#42750 -

PO129 CHANGING THE BIOMECHANICS OF TIGHT GASTROCNEMIUS-CALCANEUS-PLANTAR FASCIAL(GCP) COMPLEX IMPROVE THE FUNCTIONAL OUTCOMES IN THE TREATMENT OF RESISTANT HEEL PAIN. **Aysha RAJEV**

(Washington, United Kingdom), George KOSHY, Kailash DEVALIA

#42770 -

PO130 Combined anterior and posterior vs isolated posterior facet fixation for subtalar arthrodesis: a proportional meta-analysis and systematic review of the literature. Antonio IZZO, Martina D'AGOSTINO, Giovanni MANZI, **Alessio BERNASCONI** (Napoli, Italy)

#42784 -

PO131 Surgical treatment of malunited calcaneal fracture: Effects of demographic variables, time, primary management of calcaneal fracture, and types on the clinical outcomes and radiological features. **Amirreza VOSOUGHI** (Shiraz, Islamic Republic of Iran), Zakaee ALIREZA, Ahmadifar ALI

#42838 -

PO132 DOES FLEXOR HALLUCIS LONGUS GROOVE MORPHOLOGY HAVE AN EFFECT ON FLEXOR HALLUCIS LONGUS TENDON PATHOLOGIES? Mert Erdem YESILLI, **Mehmet Ali TOKGÖZ** (Ankara, Turkey), Yılmaz ERGİŞİ, Alim Can BAYMURAT, Ulunay KANATLI, Muhammet Baybars ATAÖGLÜ

#42867 -

PO133 Tibio-Talo-Calcaneal arthrodesis using a straight nail: A single tertiary referral centre experience over 10 years. Street JEAN MARC, **Prashant SINGH** (London, UK, United Kingdom), Karan MALHOTRA, Nicholas CULLEN, Shelain PATEL, Matthew WELCK

#42868 -

PO134 Is prenatal testosterone-estrogen balance related to the os trigonum? **Mehmet Ali TOKGOZ** (Ankara, Turkey), Asim AHMADOV, Ethem Burak OKLAZ, Ramazan DUZGUN, Cagatay DELICE, Ulunay KANATLI

#42877 -

PO135 PO135 Two conservative treatments of plantar fasciitis - a prospective randomized controlled trial with one year follow-up. **Grethe Elisabeth BORCHGREVINIK** (Trondheim, Norway), Marit Ulla LUND, Øyvind BERNHARDSEN, Ole-Henrik KARLSAUNE, Olav Andreas FOSS

#42878 -

PO136 Quantification of hindfoot kinematics and articular joint loading - a combined in vivo and in silico workflow

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based on 4D CT imaging. **Barbara POSTOLKA** (Leuven, Belgium), Bryce A. KILLEN, Hannelore BOEY, Tiago M. MALAQUIAS, Tassos NATSAKIS, Stefan CLOCKAERTS, Dominique MISSELYN, Walter COUDYZER, Jos VANDER SLOTEN, Ilse JONKERS
#42880 -

PO137 The effect of corrective tarsal arthrodesis for pes varus deformity in individuals with unilateral upper motor neuron syndrome: a repeated measures study. **Bente BLOKS** (Nijmegen, The Netherlands), Noël KEIJERS, Jan Willem LOUWERENS, Alexander GEURTS, Jorik NONNEKES
#42881 -

PO138 Evaluation of hindfoot varus using plantar pressure measurements in individuals with unilateral upper motor neuron syndrome: a historical cohort study. Bente BLOKS, Lise WILDERS, Jan Willem LOUWERENS, Alexander GEURTS, Jorik NONNEKES, **Noël KEIJERS** (Nijmegen, The Netherlands)
#42883 -

PO139 Medializing calcaneal osteotomy: a prospective comparative study of a human allogenic cortical bone screw (Shark-Screw®) with a metal/biotenodesis screw in the surgical treatment of flexible adult acquired flatfoot deformity. **Florian WENZEL-SCHWARZ** (Vienna, Austria), Elena NEMECEK, Sabrina KREJCI, Sabine KRENN, Clemens MANSFIELD, Gudrun H. BORCHERT, Catharina CHIARI
#42889 -

PO140 Calcaneal osteotomy due to insertional calcaneal (Achilles) tendinopathy – preoperative planning. **Matej MAZURA** (Prague, Czech Republic), Jiri BEK, Goldmann TOMAS, Rastislav HROMADKA
#42893 -

PO141 Clinical outcomes of posterior hindfoot endoscopic surgery using 1.9-mm diameter needle arthroscopy for posterior ankle impingement in Athletes. **Yoshiharu SHIMOZONO** (Kyoto, Japan), Daisuke MORI, Yasuyuki MIZUNO, Noboru FUNAKOSHI, Masahiko KOBAYASHI, Shuichi MATSUDA, Fumiharu YAMASHITA
#42897 -

PO142 Subtalar arthroscopic surgery using 1.9-mm diameter needle arthroscopy for osteochondral lesions of the subtalar joint without any invasive distraction: a report of three cases. **Yoshiharu SHIMOZONO** (Kyoto, Japan), Daisuke MORI, Yasuyuki MIZUNO, Noboru FUNAKOSHI, Masahiko KOBAYASHI, Shuichi MATSUDA, Fumiharu YAMASHITA
#42901 -

PO143 Close wedge osteotomy of heel bone in patients with insertional Achilles tendinopathy; virtual preoperative planning. **Rastislav HROMADKA** (Prague, Czech Republic), Matej MAZURA, Tomas GOLDMAN
#42905 -

PO144 Tendon to tendon versus tendon to bone transfers in Charcot-Marie-Tooth pes cavovarus correction. Ella MCCARTHY, **Gilles VAN EETVELDE** (Jette, Belgium), Shelain PATEL, Nick CULLEN, Matthew WELCK, Karan MALHOTRA
#42909 -

PO145 A distally curved paracental incision reduces shoe conflict after Achilles tendon insertion surgery. Togay KOC, **Hesham OSHBA** (Crowthorne, United Kingdom)
#42910 -

PO146 Safety of and outcomes after day case percutaneous dorsal closing wedge calcaneal osteotomy with early weightbearing for the treatment of insertional Achilles tendinopathy. Togay KOC, **Hesham OSHBA** (Crowthorne, United Kingdom)
#42918 -

PO147 Landmarks on the medial malleolus to determine the optimal direction of the syndesmosis screw: A cadaveric study. Arne RAÇON, Cool LOUIS, Mahieu NIELS, **Frederick MICHELS** (Kortrijk, Belgium), Debuysier JANOU, Vereecke EVIE
#42919 -

PO148 Topographic distribution of bone density is a valid measure of three-dimensional hindfoot alignment in WBCT. François LINTZ, **Alessio BERNASCONI** (Napoli, Italy), Céline FERNANDO, Gianluca GONZI, Cesar DE CESAR DE NETTO
#42928 -

PO149 MRI features of insertional Achilles tendinopathy: descriptive study of a surgical cohort. **Adriel You Wei TAY** (Singapore, Singapore), Rui Xiang TOH, Kizher Shajahan MOHAMED BUHARY, Zongxian LI, Kae Sian TAY
#42954 -

PO151 Clinical Outcomes of Insertional Achilles Tendinopathy Patients Treated with Reattachment and Dorsal Closing Wedge Calcaneal Osteotomy: A Meta-analysis. **Bedri KARAIMAİLOGLU** (Istanbul, Turkey), Ayse Sena ALTUN, Omer SUBASI, Siddhartha SHARMA, Matthias PEIFFER, Soheil ASHKANI-ESFAHANI, Christopher DIGIOVANNI, Lorena BEJARANO-PINEDA
#42957 -

PO152 Enhancing Precision in Subtalar Fusion: Evaluation of Skin-Matched 3D Patient-Specific Surgical Guides. **Bedri KARAIMAİLOGLU** (Istanbul, Turkey), Omer SUBASI, Wei Shao TUNG, Gregory WARYASZ, Daniel GUSS, Lorena BEJARANO-PINEDA, Christopher DIGIOVANNI, Soheil ASHKANI-ESFAHANI, John Y KWON
#42958 -

PO153 The Impact of Each Burr Pass on Gap Size and Hindfoot Alignment in Minimally Invasive Zadek Osteotomy. **Bedri KARAIMAİLOGLU** (Istanbul, Turkey), Nour NASSOUR, Jessica DUGGAN, Matthias PEIFFER, Samir GHANDOUR, Lorena BEJARANO-PINEDA, Soheil ASHKANI-ESFAHANI, Christopher MILLER
#42959 -

PO154 Impact of Dorsal Closing Wedge Calcaneal Osteotomy on Hindfoot Alignment and Biomechanics in Patients with Insertional Achilles Tendinopathy. **Bedri KARAIMAİLOGLU** (Istanbul, Turkey), Matthias PEIFFER, Siddhartha SHARMA, Arne BURSSENS, Daniel GUSS, Lorena BEJARANO-PINEDA, Christopher DIGIOVANNI, Soheil ASHKANI-ESFAHANI
#42966 -

PO155 Pesudarthritis or(s) vesalianum? **Leonardo MIRALDO** (Portugal, Portugal), Tiago ROSEIRO, Gonçalo DOS SANTOS, Diogo GAMEIRO, Fabio FERNANDES, Emanuel SEIÇA, Jose CORTE REAL
#43002 -

PO156 Managing Non-traumatic Bilateral Peroneal Tendon Subluxation and Pes Planovalgus: Extra-osseous

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**"Saturday 19 October"**Talotarsal Stabilization Intervention. **Norliyana MAZLI** (Kuala Lumpur, Malaysia), Mohd Yazid BAJURI, Nik Alif Azriq NIK ABDULLAH

#43011 -

PO157 Long-term clinical results of flexor hallucis longus transfer in insertional achilles tendinopathy.

Mehmet Ali TOKGOZ, **Günes ATES** (Ankara, Turkey), Saffet Buğra KORKUT, Doruk SOMUNCU, Hamza ÖZER

#43012 -

PO158 Influence of Talar Inclination and Hindfoot Rotational Position on Measurement Variability in Progressive

Collapsing Foot Deformity. **Antoine ACKER** (Geneva, Switzerland), Chien-Shun WANG, Tommaso FLORIN VALECCHI,

Albert ANASTASIO, Erik HUANUCO CASAS, Grayson TALASKI, Emily LUO, Samuel ADAMS, Cesar DE CESAR NETTO

#43048 -

PO159 Endoscopic DORR Procedure for Recalcitrant Plantar Fasciitis: Early Clinical and Radiological Outcomes.

Walter-Soon-Yaw WONG (Singapore, Singapore), Dhivakaran GENGATHARAN, Wen Xian PNG, Eric Wei Liang CHER

#43067 -

PO160 Subtalar arthrodesis in patients with prior tibiotalar arthrodesis for posttraumatic osteoarthritis.

Laetitia THEUNISSEN (Bruxelles, Belgium), Paul-André DELEU, Ivan BIRCH, Nils REYMOND, Bernhard DEVOS BEVERNAGE,

Pierre MALDAGUE, Vincent GOMBAULT, Corentin MALHERBE, Thibaut LEEMRIJSE

#43071 -

PO161 Successful Achilles tendon reattachment using SpeedBridge in Haglund's triad patients – a retrospective

observational study. **Roberto BEVONI** (BOLOGNA, Italy), Elena ARTIOLI, Giammarco GARDINI, Silvio CARAVELLI, Massimiliano MOSCA

#43074 -

PO162 Is there still a place for calceano stop procedure in the treatment of pes planus valgus in childhood?

Pedro Manuel CORREIA MAGRO (LISBON, Portugal)

#43081 -

PO163 The tendinous thickness of proximal stump of Myotendinous Achilles rupture. **Kazunori MARUYAMA** (Okinawa,

Japan)

#43119 -

PO164 Calcaneal Chondrosarcoma: how to approach it – a rare case report. **Luís BARBOSA PINTO** (Viseu, Portugal),

Rui SOUSA, Luísa NEGRÃO, Flávia RESENDE, Luís OLIVEIRA, Ana Sofia COSTA, André CARVALHO, Luís MACHADO RODRIGUES

#43125 -

PO165 Navicular osteochondroma with a clinical presentation of posterior tibial tendonitis.

Gabriel OCASIO MARTINEZ (Puerto Rico, USA), Hansel VIERA, Rafael BETANCOURT, Hajar OUASSARI, Enrique ROSARIO ALOMA

#43159 -

PO166 Arthroereisis for Adult Flexible Flatfoot: Retrospective Radiological Evaluation After Endorthesis Removal.

Ramiro VERA SALAS (Santiago, Chile), Hugo HENRIQUEZ SAZ O, Leonardo LAGOS SEPLVEDA, Fernando VARGAS GALLARDO,08:00 **FERNANDEZ COMBER, Felipe PINO ENRIQUEZ, Christian BASTIAS SOTO****EPOSTERS DISPLAYED - INFECTION**

#42034 -

PO167 Do We Need Routine Postoperative Prophylactic Oral Antibiotics in Elective Foot and Ankle Surgery?

Andrew LACHANCE, Alexander EDELSTEIN, **Wonyong LEE** (Sayre, PA, USA, USA)

#42607 -

PO168 Depression as a prognostic factor in diabetic lower extremity amputation: A prospective study.

Tolgahan KORKMAZ, **Muhammed Yusuf AFACAN** (ISTANBUL, Turkey), Cumhur Deniz DAVULCU, Cansu ELIBOLLAR, Göker Utku DEĞER,

Ali ŞEKER

#42760 -

PO169 Debridement, antibiotics, and implant retention (DAIR) vs 1.5-stage revision vs 2-stage revision in

periprosthetic ankle joint infection: a systematic review. Antonio IZZO, **Alessio BERNASCONI** (Napoli, Italy)

#42895 -

PO170 Osteomyelitis of the Hallux Caused by Actinotignum Schaalii, a Rare Emerging Urinary Pathogen.

Maria Cristina GARCIA-MARTINEZ (BARCELONA, Spain), Cristina BALLESTERO-TELLEZ, Sara CASTELLANOS-ALONSO,

Javier GONZALEZ-USTES, Josep NOVELL-ALSINA

#42975 -

PO171 Glycated albumin is a more effective glycemic marker than glycated hemoglobin (HbA1c) for predicting

adverse outcomes after amputation in diabetic foot patients. **Yeokgu HWANG** (Seoul, Republic of Korea)

#43001 -

PO172 Risk Factors Associated with Major Amputation in Diabetic Foot Patients: A Nationwide Study.

Dong Woo SHIM (Seoul, Republic of Korea), Wonwoo LEE, Yeokwon YOON, Kwang Hwan PARK, Seung Hwan HAN, Jin Woo LEE,

Seung Yong SUNG

#43106 -

PO173 Limb salvage in infected diabetic foot ulcer with wound debridement and intraosseous antibiotic

application. **Rohit RAVINDRAN NAIR** (Blackpool, United Kingdom), Brijesh AYYASWAMY, Pradeepsyam PRASAD, Anoop ANAND,

Nithin BABU, Adersh GOPINATHANNAIR

00:00 - 00:00

EPOSTERS DISPLAYED - RECONSTRUCTIVE

#40916 -



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- PO174 Readability of Patient Education Material for Ankle Arthroplasty. **Dino FANFAN** (Miami, USA), George TODD, Daniel MURRAY, Cary CHAPMAN
#41705 -
- PO175 TIBIO-TALO-CALCANEAL ARTHRODESIS WITH A NAIL VERSUS A PLATE – A BIOMECHANICAL STUDY. Kajetan KLOS, Gueorguiev-Rüegg BOYKO, Edgar ROTH, Mark LENZ, Mehar DHILLON, **Ivan ZDERIC** (Davos, Switzerland)
#42605 -
- PO176 A Novel method for reconstructing complex diabetic foot wounds using Biodegradable Temporising Matrix (BTM). Maha NAGARAJAN, Richard HUYNH, Abdul GOMAA, Lyndon MASON, **Vasileios LAMPRIDIS** (UK, United Kingdom)
#42833 -
- PO177 Tibialis posterior tendon transfer and foot drop, a recent review of the literature. **Marco PES** (London, United Kingdom), Prashant SINGH, Suranga GURUSINGHE, Francesc MALAGELADA, Amit PATEL, Lucky JEYASEELAN
#42870 -
- PO178 A case series: Results of surgical reconstruction of midfoot Charcot neuro-arthropathy in a multidisciplinary team. **Marijn STELWAGEN** (Leiderdorp, The Netherlands), Wouter BREKELMANS, Boudewijn BORGER VAN DE BURGH, Menno BENARD, Wilbert VAN LAAR
#42882 -
- PO179 Evaluation of Tendon-to-Tendon Versus Tendon-to-Bone Transfers in Charcot-Marie-Tooth Foot Surgery. Ella MCCARTHY, Mohammed SHAATH, **Gilles VAN EETVELDE** (Jette, Belgium), Muhammad CHATOO, Karan MALHOTRA, Matthew WELCK
#42887 -
- PO180 The naviculo-cuneiform reorientation arthrodesis. Indication and surgical technique. **Tonio GOTTLIB** (Berlin, Germany), Kaj KLAUE
#42900 -
- PO181 Radiological landmarks for joint line level in challenging total ankle arthroplasty. **Antonio MAZZOTTI** (Bologna, Italy), Simone Ottavio ZIELLI, Elena ARTIOLI, Sgubbi FEDERICO, Laura LANGONE, Alberto ARCERI, Cesare FALDINI
#42953 -
- PO182 Comparative Meta-Analysis of Clinical Outcomes in Chronic Achilles Ruptures: Isolated FHL Transfer, Hamstring Transfer, and Turndown Flaps. **Bedri KARAISSMAILOGLU** (Istanbul, Turkey), Samir GHANDOUR, Joris HENDRIKS, Mani EFTEKHARI, Ehab ELTOUNY, Gregory WARYASZ, Daniel GUSS, John Y KWON, Soheil ASHKANI-ESFAHANI, Lorena BEJARANO-PINEDA, Christopher DIGIOVANNI
#42973 -
- PO183 Treatment of Progressive Collapsing Foot Deformity 1AB: Comparison of outcomes with and without medial ligament-tendon complex reconstruction. Julian PARMA, Ana Cecilia PARISE, **Julietta BRUE** (Buenos Aires, Argentina), Virginia CAFRUNI, Pablo SOTELANO, Daniel VILLENA, Leonardo CONTI, Nelly Marina CARRASCO, Maria Gala SANTINI ARAUJO
#42976 -
- PO184 Case of Treatment of chronic opened wound due to osteomyelitis on heel with simultaneous orthopedic surgery and reconstructive surgery. **Yeokgu HWANG** (Seoul, Republic of Korea), Seungeun HONG
#42993 -
- PO186 Complex ankle arthritis with deformity treated with total ankle replacement. **Dhivakaran GENGATHARAN** (Singapore, Singapore), Eric CHER WEI LIANG, Walter WONG SOON YAW, Inderjeet Singh RIKHRAJ
#43003 -
- PO187 Restoring Functionality in Chronic EHL Rupture: Tenodesis and EHL-EHB Transfer Approach. **Craigven SIM** (Singapore, Singapore), Eric CHER
#43016 -
- PO188 Double tendon transfer for foot drop: technique modification. **Mahmoud SALAMA** (Aswan, Egypt)
#43019 -
- PO189 ANATOMICAL DESCRIPTION OF THE SPRING LIGAMENT ARTICULAR FACET. **Amjad SAWAH** (Koblenz, Germany), Sarang KASTUR, Alastair BOND, Lauren FISHER, Andrew FISHER, Matthew PHILPOTT, Lyndon MASON, Andrew MOLLOY
#43123 -
- PO190 Reconstructive surgery following resection of melanocytic squamous cell carcinoma. **Julio KESSEL** (Miami, FL, USA), Liset PEREZ, Joy LATIF, Enrique ROSARIO ALOMA
#43128 -
- PO191 Orthoplastic approach using microvascular muscle flap for the treatment of deformity wound: a case study. **Hajar OUASSARI** (Miami, USA), Hansel VIERA, Rafael BETANCOURT, Gabriel OCASIO MARTINEZ, Joy LATIF, Enrique ROSARIO ALOMA
#43135 -
- PO192 Treatment of talar avascular necrosis with cadaveric talar graft and bone marrow transplantation. **Hansel VIERA** (Miami, USA), Julio KESSEL, Liset PEREZ, Timothy HOFFMEISTER, Enrique ROSARIO ALOMA
#43144 -
- PO193 Orthoplastic reconstruction of lower limb with cadaveric tibial and talar grafting, bone marrow transplantation, and fasciocutaneous flaps. **Enrique ROSARIO ALOMA** (Miami, United States, USA), Julio KESSEL, Liset PEREZ, Timothy HOFFMEISTER
#42990 -
- PO185 Experience of Allograft Use in Foot and Ankle Surgery at a single center. **Lombart-Blanco RAFAEL** (Pamplona, Spain), Setells LUCIA ELISA, Saiz Modol CONRADO, Alfonso MATIAS, Villas Tomé CARLOS

00:00 - 00:00

EPOSTERS DISPLAYED - TRAUMA

#40829 -



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PO194 Factors Associated with Nonunion After Posttraumatic Subtalar Arthrodesis. Seung Hun WOO (Yongsan, Korea, Republic of Korea), Hyung Jin CHUNG

#40830 -

PO195 Parallel versus Angulated Screw Configuration in Posttraumatic Subtalar Arthrodesis. Seung Hun WOO (Yongsan, Korea, Republic of Korea), Hyung Jin CHUNG

#40952 -

PO196 Novel Casting Technique for Calcaneum Tongue-Type Fracture with Soft Tissue Compromise.

Ravindraa THAIGARAJA (Penang, Malaysia)

#41159 -

PO197 Maintaining Medial Column Motion In The Surgical Treatment Of Lisfranc's Injury -An Observational Retrospective Study of 25 Consecutive Cases. Miguel FLORA (Lisboa, Portugal), Tiago TORRES, Rodrigo MATIAS LOPES, Dúnió JÁCOME PACHECO, Francisco GUERRA PINTO

#41547 -

PO198 Open Reduction And Internal Fixation Of The Posterior Malleolus Fragment In Trimalleolar Ankle Fractures.

Judit MARTINEZ ZARAGOZA (Barcelona, Spain), Zulema MONTILLA GARCIA, Montserrat CASTILLO POU

#42551 -

PO199 Surgical Versus Conservative Treatment of Acute Achilles Tendon Ruptures in Sports Participants: A Multicenter Patient-Reported Outcome Study. Yuko TAKEUCHI (Gifu, Japan), Hideki HIRAIWA, Yasuhiko TAKEGAMI, Takashi TSUKAHARA

#42570 -

PO200 Standardised minimally invasive approach for calcaneal fractures - experience and results of 15 years.

Christian RODEMUND (Linz, Austria)

#42619 -

PO201 Evaluation of the Correlation Between Tibiofibular Overlap and Tibiofibular Clear Space Measurements with ATFL Strain in Medial Malleolus Fractures. Cumhur Deniz DAVULCU, Muhammed Yusuf AFACAN (ISTANBUL, Turkey)

#42691 -

PO202 Case series of avulsion fractures of the os calcis - does the type of fixation make a difference?

Taeyoung Tina HA, Clara MOY, Fabienne INGLIN, Senthil KUMAR (Glasgow, United Kingdom)

#42764 -

PO203 Arthroscopically-assisted reduction and internal fixation (ARIF) vs percutaneous fixation in talar fractures: a systematic review of the literature. Antonio IZZO, Alessio BERNASCONI (Napoli, Italy)

#42772 -

PO204 Long term outcomes using various patient reported outcomes following Lisfranc fixation. Islam SARHAN (UK, United Kingdom), Mohamed NAGY, Neil ASHWOOD

#42852 -

PO205 How Elastic System Make Syndemosis Injuries Bounce Back. Luís FABIÃO (Barcelos, Portugal), Vítor MACEDO-CAMPOS, Rita FÁRIA DE CASTRO, João CASTRO MENDES, Tiago P. BARBOSA, Luís Miguel SILVA, Tiago FRADA, Bruno S. PEREIRA, Nuno ESTEVES

#42891 -

PO206 Comparative Analysis of Lower Extremity Injuries in Gunshot vs. Explosive Trauma during the Israel-Gaza War. Dan PRAT (Tel-Hashomer, Israel), Maya BRAUN, Shachar SHAPIRA

#42894 -

PO207 Ankle fracture surgery performed by orthopaedic residents without supervision has comparable outcomes to surgery performed by fellowship trained orthopaedic surgeons. Dan PRAT (Tel-Hashomer, Israel), Snir BALAZIANO, Itay FOGEL, Or MAOZ, Barzilai YUVAL, Shenkar YORRYE, Shay TENENBAUM

#42941 -

PO217 The Forth Valley Achilles Management Protocol for Acute Achilles Tendon Ruptures: A Prospective Observational Study. Louis John STEPHEN (Glasgow, UK, United Kingdom), Conor RANKIN, Catriona PHIN, Kevin MCCLOSKEY, Turab SYED, Efstathios DRAMPALOS

#42896 -

PO208 Focused extracorporeal shock wave therapy for painful delayed union or nonunion of fractures of interphalangeal coalition. Yoshiharu SHIMOZONO (Kyoto, Japan), Daisuke MORI, Yasuyuki MIZUNO, Noboru FUNAKOSHI, Masahiko KOBAYASHI, Shuichi MATSUDA, Fumiharu YAMASHITA

#42898 -

PO209 Arthroscopic assisted reduction of syndesmosis injuries: clinical outcome and CT evaluation.

Federico Maria LIUNI, Luca BERNI, Riccardo CEPPEARULO, Girgenti GIACOMO FABIO, Federico Maria LIUNI (Borgo Val di Taro, Italy)

#42907 -

PO210 Treatment of a post-traumatic osteochondral lesion (OCL) of the first metatarsal head with minced cartilage implantation (AutoCartTM): Case report of a 14-year-old patient including MRI at one year follow up.

Florian WENZEL-SCHWARZ (Vienna, Austria), Catharina CHIARI

#42920 -

PO211 A systematic review and meta-analysis of syndesmotic stability in posterior malleolar fractures. Siyoung LEE (Plymouth, United Kingdom), Toby JENNISON

#42921 -

PO212 A systematic review and meta-analysis of malreduction of posterior malleolar fractures based on fixation technique. Siyoung LEE (Plymouth, United Kingdom), Toby JENNISON

#42922 -

PO213 Exposed material after osteosyntheses is not necessarily infected: A case report of a distal tibia fracture.

Johanna MICHEL (Fribourg, Switzerland), Nermine HABIB, Angela SEIDEL

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#42927 -

PO214 Missed displaced fifth metatarsal base fracture treated with peroneal brevis reconstruction using allograft. **Dhivakaran GENGATHARAN** (Singapore, Singapore), Walter WONG SOON YAW, Eric CHER WEI LIANG, Inderjeet Singh RIKHRAJ

#42929 -

PO215 The human allogeneic cortical bone screw (Shark Screw®) as an alternative to avoid metal removal and metal implant related complications? **Boris TIRALA** (Schwaz, Austria), Thomas REITTER

#42930 -

PO216 Posterior Malleolar Fractures: Do we need to fix the syndesmosis? **Siyoung LEE** (Plymouth, United Kingdom), Toby JENNISON, Alastair MARSH, Paul FENTON

#42943 -

PO218 Outcome of malreduction of ankle syndesmosis accompanying ankle fractures: Defining the maximum range of displacement based on CT scan. **Amirreza VOSOUGHI** (Shiraz, Islamic Republic of Iran), Roham BORAZJANI, Ahmadifar ALI, Seyed Ali HASHEMI

#42964 -

PO219 Calcaneum Fracture Operative Decision making and Outcomes - An Experience from a Large Major Trauma Centre. Ben GABBOT, Isabella DRUMMOND, **Prashant SINGH** (London, UK, United Kingdom), Francesc MALAGELADA, Lucky JEYASEELAN, Amit PATEL

#42967 -

PO220 Early outcome of surgical treatment using sinus tarsi approach with variable angle locking plate for calcaneal fracture involving intra articular lesion. **Yeokgu HWANG** (Seoul, Republic of Korea)

#42969 -

PO221 Different effects of superficial versus deep deltoid ligaments injury on ankle stability in a pronation external rotation type fracture model: preliminary results of a cadaveric study. **Panagiotis CHRISTIDIS** (Katerini, United Kingdom), Georgios CHRISTIDIS, Vasileios LAMPRIDIS, Alexis KERMANIDIS, Aristeidis ZIBIS, Nikolaos GOUGOULIAS

#42978 -

PO222 Is perioperative use of a combination of pregabalin and naproxen superior to naproxen only in reducing pain in ankle fractures? A prospective, randomized, multicenter study. **Dong Woo SHIM** (Seoul, Republic of Korea), Wonwoo LEE, Yeokwon YOON, Kwang Hwan PARK, Seung Hwan HAN

#42996 -

PO223 K-Wire osteosynthesis for syndesmotic lesions in trimalleolar fractures – a mid-term patient reported and radiographic follow-up. Sérgio SOARES, **Sérgio SOARES** (Fribourg, Switzerland), Mohand AGAOUA, Angela SEIDEL

#42997 -

PO224 Calcaneus fragment island as a risk factor for minimally invasive surgery in calcaneus fractures. **Dong Woo SHIM** (Seoul, Republic of Korea), Wonwoo LEE, Yeokwon YOON, Kwang Hwan PARK, Seung Hwan HAN, Jin Woo LEE, Seung Yong SUNG

#42998 -

PO225 Trimalleolar fractures: a 10-year radiological and functional follow-up. **Sérgio SOARES** (Fribourg, Switzerland), Amal CHIDDA, Angela SEIDEL

#43014 -

PO226 Does fixation of the PMF lead to better long term clinical and radiological outcome in trimalleolar fractures? **Amal CHIDDA** (Fribourg, Switzerland), Sergio SOARES, Moritz TANNAST, Joseph SCHWAB, Angela SEIDEL

#43018 -

PO227 Arthroscopic treatment for posterolateral Talar process fracture (Shepherd's Fracture): A Case Report. **Hachem MAHJoub** (Arlès), Ali BEN HAMIDA, Ferid HARRAR, Hamza KEFI, Achraf ABDELKEFI, Redha BELAL

#43022 -

PO228 Posterior Malleolus Fixation In Trimalleolar Fractures: Percutaneous Anteroposterior Screw versus Open Posterolateral Plate. **Marco DONANTONI** (Rome), Paolo CECCARINI, Giulia CENCI, Susanna BASCIANI, Andrea MARINOZZI, Rionapoli GIUSEPPE, Auro CARAFFA

#43049 -

PO229 Title: Predicting Residual Syndesmotic Instability in SER Stage IV Trimalleolar Ankle Fractures: The Influence of Medial Malleolar Fracture Morphology. **Sung Hun WON** (Seoul, Republic of Korea), Chun DONG-IL, Ahn CHI YOUNG

#43060 -

PO230 Localization of calcaneal Schanz pin without fluoroscopy - is it safe? **Fatih BARCA** (Ankara, Turkey), Ekin Barış DEMIR, Mustafa Fatih SARI, Mutlu AKDOĞAN, Halis Atıl ATILLA, Yalim ATEŞ

#43064 -

PO231 Complex case of tibial pseudarthrosis and large bone defect with good results. **Joana AZEVEDO** (Braga, Portugal), Paulo CUNHA, Tiago BARBOSA, João PEREIRA, Guilherme FRANÇA, Pedro VARANDA, Marta MAIO

#43082 -

PO232 Should we consider the intercalated fragment in posterior malleolus fractures? Retrospective study of the last ten years. **Juan MORENO BLANCO** (Madrid, Spain), Araceli MENA ROSON, Maria Soledad PÉREZ ANTONANAZAS, Pablo SIERRA MADRID, Alberto PLASENCIA HURTADO DE MENDOZA, Oscar SERRANO ALONSO

#43095 -

PO233 SELECTIVE FIXATION METHODS IN LISFRANC FRACTURE AND DISLOCATIONS. Nebi Köksal YAZGAN, **Emre BACA** (Istanbul, Turkey), Muhammed Can ARI

#43099 -

PO234 Application of External Torque Enhances the Detection of Subtle Syndesmotic Ankle Instability in a Weightbearing CT. **Matthias PEIFFER** (Ghent, Belgium), Thibaut DHONT, Francis CUIGNIEZ, Thomas TAMPERE, Soheil ASHKANI-ESFAHANI, Pieter D'HOOGEHE, Emmanuel AUDENAERT, Arne BURSENS

#43103 -

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**"Saturday 19 October"**

PO235 Timalleolar ankle fractures surgery: soft tissue complications observational review. Pablo MILLAN-ANTELO, **Maria-Soledad PEREZ-ANTOÑANZAS** (Madrid, Spain), Celia MARIN-PEREZ, Juan-Carlos TENEZACA-MARCATOMA, Pablo SIERRA-MADRID
#43114 -

PO236 Talar neck malunions – evaluation of kinematics, pedobarographic changes and patient reported outcome measures. **Siddhartha SHARMA** (Chandigarh, India), Sandeep PATEL, Mandeeep DHILLON
#43115 -

PO237 What Do We Know About the Pathoanatomy of Talar Neck Malunions? Results From a 3D Morphometric Analysis. **Siddhartha SHARMA** (Chandigarh, India), Sandeep PATEL, Mandeeep DHILLON
#43116 -

PO238 Clinical and radiological outcomes of ankle joint preserving surgical reconstruction for talar neck non-unions. **Siddhartha SHARMA** (Chandigarh, India), Sandeep PATEL, Mandeeep DHILLON
#43117 -

PO239 Fibular shortening after ankle fracture - how to solve? **Daniel VILAVERDE** (Porto, Portugal), Pedro SEABRA MARQUES, Belmiro ALVES, Miguel PIMENTEL, Filipe MAÇÃES, Orlando SIMÕES, Inês CASAIS, Sara MACEDO, Raul CERQUEIRA
#43122 -

PO240 Medicaid and uninsured patients have delayed presentation and surgical treatment of achilles tendon rupture. Omar SAMARA, Hyewon KIM, Isabel HERZOG, Tyler STEWART, Balazs GALDI, **Sheldon LIN** (Newark, USA)
#43126 -

PO241 Impact of foot and ankle fractures on plantar pressure distribution: a dynamic pedobarography study. Siddhartha SHARMA, Melvin SHAJI, **Ankit DADRA** (CHANDIGARH, India), Sandeep PATEL, Mandeeep DHILLON
#43129 -

PO242 Pseudarthrosis: A Complication of Conservative Treatment for Malleolar Fractures - A Retrospective Study. Sara RODRIGUES, João CAETANO, Francisco BAPTISTA, Miguel DUARTE SILVA, Marta PINTO GOMES, Nuno CORTE-REAL, **Miguel PADUA FIGUEIREDO** (Lisboa, Portugal)
#43130 -

PO243 Extruded talus injuries are associated with significant complications: a double center series with minimum 1-year follow up. Siddhartha SHARMA, **Prasoon KUMAR** (Chandigarh, India), Ankit DADRA, Sandeep PATEL, Mandeeep DHILLON
#43136 -

PO244 Post-traumatic hallux valgus with lateral metatarsal injuries: management and short-term results. Jordanna BERGAMASCO, **Jordanna BERGAMASCO** (São Paulo, Brazil), Marcos SAKAKI
#43137 -

PO245 Open calcaneal fractures with medial wound: mid-term results. Jordanna BERGAMASCO, **Jordanna BERGAMASCO** (São Paulo, Brazil), Marcos SAKAKI
#43139 -

PO246 Ankle fractures in the complex diabetic patients. Minimally invasive surgery and augmentation with ring fixation. Natalio CUCHACOVICH, **Javier MENA** (Santiago, Chile), Patricio FUENTES, Nicolas DIAZ, Maximiliano RIVERA, Juan BERGERET, Gonzalo BASTIAS
#43142 -

PO247 Lisfranc injuries. More common than we think? A retrospective observational study. **Panagiotis CHRISTIDIS** (Katerini, United Kingdom), Georgios CHRISTIDIS, Georgios BINIARIS, Nikolaos GOUGOULIAS
#43143 -

PO248 Preoperative planning using 3D printing for trimalleolar ankle fracture. Utility and influence according to the degree of experience of Foot and Ankle surgeons. Patricio FUENTES, **Javier MENA** (Santiago, Chile), Maximiliano HUBE, Natalio CUCHACOVICH, Gonzalo BASTIAS
#43145 -

PO249 Utility of Weight-Bearing Computed Tomography in Postoperative Assessment of Ankle Fractures. **Mateusz MALIK** (Kraków, Poland), Jakub KWATKOWSKI, Artur GADEK, Agnieszka LECHOWSKA-LISZKA, Henryk LISZKA
#43148 -

PO250 Amnion Injection as a Treatment for Delayed Union: A Case Study. **Apeksha REDDY** (Miami, USA), Alexander NGUYEN
#43151 -

PO251 Endoscopic Flexor Hallucis Longus Transfer for Atypical Acute Achilles Tendon Rupture: A Small Case Series. **Francisco AGUILAR BAPTISTA** (Cascais, Portugal), António MENDES SERRANO, Sara RODRIGUES, Rita ALÇADA, João CALDAS CAETANO, Miguel PADUA FIGUEIREDO, Nuno CÔRTE-REAL
#43156 -

PO252 Comparative study between plate vs percutaneous screws for reduction and fixation in posterior malleolus fractures. **Ana GONZALEZ JIMENEZ** (madrid, Spain), Irene PORTELLANO PASCUAL, Maria CARREÑO FELICES
#43157 -

PO253 Endoscopic Flexor Hallucis Longus Transfer for Atypical Acute Achilles Tendon Rupture: A Small Case Series. **Francisco AGUILAR BAPTISTA** (Cascais, Portugal), António MENDES SERRANO, Sara RODRIGUES, Rita ALÇADA, João CALDAS CAETANO, Miguel PADUA FIGUEIREDO, Nuno CÔRTE-REAL

00:00 - 00:00

EPOSTERS DISPLAYED - OTHER

#40840 -

PO254 Results of more than 20,000 scans with Weightbearing CT - Impact on costs, radiation exposure, and procedure time. **Martinus RICHTER** (Rummelsberg, Germany), Stefan ZECH, Issam NAEF, Stefan A MEISSNER



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#40856 -

PO255 Does specialty matter? A comparison of early postoperative clinical outcomes following lower extremity amputations between orthopaedic surgeons and vascular surgeons. Shaya SHAHSAVARANI, Oliver SOGARAD, **Wonyong LEE** (Sayre, PA, USA, USA)

#40910 -

PO256 Trialling Electronic Consent in Elective Foot and Ankle Surgery -Successes & Pitfalls. **Hassan IMTIAZ** (Poole, United Kingdom), Amir ARDAKANI, Karan MALHOTRA, Nick CULLEN, Matthew WELCK, Shelain PATEL

#40919 -

PO257 Gait in Controlled Ankle Movement (CAM) Walker Boot Using a Contralateral Shoe Lift. **Dino FANFAN** (Miami, USA), Sergio LEMUS, Daniel MURRAY, Kyra LOPEZ, Francesco TRAVASCIO, Thomas SAN GIOVANNI, Christopher HODGKINS, Cary CHAPMAN

#41615 -

PO258 Spanish Translation, Cross-Cultural Adaptation, and Validation of the Olerud-Molander Ankle Score (OMAS) for Ankle Fractures. **González-Alonso MARCOS** (León, Spain), Trapote Cubillas ANA R, Madera González FRANCISCO J, Hernández Fernández OSCAR, Sánchez Lázaro JAIME A.

#42035 -

PO259 The Efficacy and Safety of Tranexamic Acid Utilization in Total Ankle Arthroplasty: A Systematic Review and Meta-analysis. Alexander EDELSTEIN, John MCDONALD, Andrew LACHANCE, **Wonyong LEE** (Sayre, PA, USA, USA)

#42555 -

PO260 The effect of weight-bearing computed tomography imaging on the treatment of foot and ankle patients - A retrospective follow-up of 333 cases. **Helka KOIVU** (Turku, Finland), Ilona KOSKI, Jussi HIRVONEN

#42586 -

PO261 Agreement analysis on postoperative care between chatGPT and a high-volume foot and ankle surgeon. Efrima BEN, **Agustin BARBERO** (Milan, Italy), Cristian INDINO, Camilla MACCARIO, Federico USUELLI

#42591 -

PO262 Classification of the os calcis subtalar morphology using weight bearing computed tomography and distance mapping. Efrima BEN, **Agustin BARBERO** (Milan, Italy), Cristian INDINO, Camilla MACCARIO, Federico USUELLI

#42629 -

PO263 Recent innovations using WBCT: review of the literature and proposal for a systematic classification. François LINTZ, Cesar DE CESAR DE NETTO, Claudio BELVEDERE, Alberto LEARDINI, **Alessio BERNASCONI** (Napoli, Italy)

#42632 -

PO264 The density-weighted foot center is different to the geometric foot center. François LINTZ, **Alessio BERNASCONI** (Napoli, Italy), Cesar DE CESAR DE NETTO, Céline FERNANDO, Patrick CHABRAND

#42721 -

PO265 Hajdu-Cheney syndrome. A rare case. **Sandra CATALAN AMIGO** (Barcelona, Spain), Rosa BUSQUETS NET

#42854 -

PO266 Bioinductive Collagen Implant Augmentation for Achilles Rupture. **Luis FABIÃO** (Barcelos, Portugal), Vitor MACEDO-CAMPOS, Rita FÁRIA DE CASTRO, Tiago P. BARBOSA, João CASTRO MENDES, Luís Miguel SILVA, Tiago FRADA, Nuno ESTEVES, Bruno S. PEREIRA

#42885 -

PO267 Optimum timing for temperature measurement to monitor Diabetic Charcot Neuroarthropathy.

Suranga GURUSINGHE (Grantham, United Kingdom), Konara WEERASINGHE, Marco PES, Vasukutty NIJIL

#42925 -

PO268 PEDIATRIC FLEXIBLE FLATFOOT: DOES THE OBESITY INFLUENCE THE OUTCOMES OF ARTHROEREISIS?

Luca MONESTIER (VARESE, Italy), Giacomo RIVA, Fabio D'ANGELO

#42947 -

PO270 Shear wave speed, mechanical and morphological comparison in conservatively treated and uninjured Achilles tendon.

Alessandro SCHNEEBELI, Marco BARBERO, Deborah FALLA, **Enrique Adrian TESTA** (Bellinzona, Switzerland), Martin RIEGGER, Alessandro SANGIORGIO, Corrado CESCON, Giuseppe FILARDO

#42952 -

PO271 Effect of Plantar Fasciotomy on the Mobility of the First Metatarsophalangeal Joint. Andres VALDIVIA SAN ROMAN, Laiz Lisette BELLO TEJEDA, Sergio LOPEZ HERVAS, Manel FA BINEFA, Andrea ARRIBAS VALLEJO, **Maria Eulalia LOPEZ CAPDEVILA** (Spain)

#42956 -

PO272 Bone tumours of the foot & ankle: an analysis of 131 cases. **Thomas ANKERS** (Chester, United Kingdom), Thumri PAAVANA, Beth TREVOR, Catriona HEAVER, Paul COOL

#42999 -

PO274 Spectrum of bone and soft tissue tumours of foot and ankle from the West of Scotland MSK tumour registry - 13 year experience. **Ailen ALBERT** (Glasgow, United Kingdom), Pujol Nicolas ANDREA, Senthikumar CHINNASAMY, Ashish MAHENDRA

#43013 -

PO275 Eye-tracking: Comparison of gaze pattern behavior between orthopedists and pediatricians during identification of pediatric fractures. **Amal CHIDDA** (Fribourg, Switzerland), Samy RIMA, Moritz TANNAST, Ines RAABE, Joseph SCHWAB, Angela SEIDEL

#43017 -

PO276 Effect of waiting list time in Patient Reported Outcome Measures for foot and ankle surgery.

NII LECHA NADAL (), Carlos SANCHEZ, Jan SANCHEZ LOZANO, Albert FONTANELLAS, Carlo GAMBA, Gemma GONZALEZ-LUCENA, Alberto GINES CESPEDOSA

#43020 -

PO277 Effectiveness Of Endoscopic Assisted Repair In Achilles Tendon Ruptures. Paolo CECCARINI, Marco DONANTONI, **Giulia CENCI** (Perugia, Italy), Susanna BASCIANI, Andrea MARINOZZI, Rinonapoli GIUSEPPE, Auro CARAFFA



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#43021 -

PO278 Combined Surgical Treatment of Plantar Fasciitis: Our Experience. Paolo CECCARINI, Marco DONANTONI (Rome), Giulia CENCI, Susanna BASCIANI, Andrea MARINOZZI, Rinonapoli GIUSEPPE, Auro CARAFFA

#43036 -

PO279 Predicting the risks of Malignancy of Bone and Soft Tissue Tumours of the Foot and Ankle - OxFAT (Oxford Foot and Ankle Tumour) Score. Alaa ABOUD (Haifa, United Kingdom), Adrian KENDAL, Rick BROWN

#43046 -

PO280 Tibialis anterior tendon transfer using bone anchor for dynamic supination in congenital talipes equinovarus. Our experience. Laura COROMINAS (BARCELONA, Spain), Lydia DE SENA, Anna EY

#43053 -

PO281 Manchester Oxford Foot Questionnaire in Foot and Ankle Spanish patients: Transcultural adaption and validation. Jan MARTINEZ-LOZANO (Barcelona, Spain), Pablo RUIZ-RIQUELME, Gemma GONZALEZ-LUCENA, Carlo GAMBA, Alberto BAILEZ, Albert FONTANELLAS FES, Alberto GINÉS-CESPEDOSA

#43055 -

PO282 Orthoplastic Techniques for Diabetic Ulcer Limb Salvage Surgery - The Major Trauma Approach. Iris KWOK (London, United Kingdom), Arvind MOHAN, Kshemendra SENARATH-YAPA, Naveethan SIVANADARAJAH

#43065 -

PO283 Fracture of the fifth metatarsal in the pediatric patient - what to do? A Literature review.

Patricia VAZ DA CUNHA (Guimaraes, Portugal), Fernando MACEDO, Miguel ROCHA, Rui Matos CERQUEIRA, João LUCAS, João SOEIMA, Inês Monteiro HENRIQUES, José Luís SIMAES, Maribel GOMES, António MOREIRA

#43094 -

PO284 Assessing the utilization of weightbearing computed tomography for foot and ankle deformities. Emily LUO (Durham, NC, USA), Sally KUEHN, Zirbes CHRISTIAN, Julia RALPH, Karl SCHWEITZER, Andrew HANSELMAN, James NUNLEY, Adams SAMUEL, Easley MARK, Cesar DE CESAR NETTO

#43110 -

PO285 Isolated talonavicular fusion in Müller-Weiss disease - addressing midfoot collapse. João NELAS (Porto, Portugal), Cláudio GARCIA, Guilherme MADEIRA, João SEIXAS, André GOMES

#43111 -

PO286 Atraumatic rupture of the tibialis anterior tendon - a rare and challenging diagnosis. João NELAS (Porto, Portugal), Filipa ADAN, Diogo CATELAS, Filipa CORDEIRO, Guilherme MADEIRA, João ROSA

#43140 -

PO287 Atypical presentation of Synovial Sarcoma in the foot, with a secondary malignant hematoma. Liset PEREZ (Miami, USA), Sydney THOMPSON, Valentina CLINTON, Luis RODRIGUEZ, Enrique ROSARIO ALOMA

#43149 -

PO288 THE OUTCOME OF FIRST-RAY AMPUTATION IN DIABETIC PATIENTS. Helio Henrique PAIVA JUNIOR, Marco Tulio COSTA (Sao Paulo, Brazil), Miela CURSINO, Marcelo Marcucci CHAKKOUR, Noé DE MARCHI NETO, Jordanna Maria Pereira BERGAMASCO

#43153 -

PO289 Epidemiological study of patients with diabetic foot. Fernando Viamont GUERRA, Marco Tulio COSTA (Sao Paulo, Brazil), Thomas Yiu Teh LEE, Edward Patrick Sinibaldi EAGERS, Marcelo Marcucci CHAKKOUR, Noé DE MARCHI NETO, Jordanna Maria Pereira BERGAMASCO

#42992 -

PO273 Central sensitization of pain in patients with foot/ankle pathology. Are there differences with those with low back pain? Llobart-Blanco RAFAEL (Pamplona, Spain), Andrada Alonso MANUEL, Saiz Modol CONRADO, Mateo Guarch NEREA, Domenech Fernandez JULIO, Alfonso MATIAS