



World Congress Foot and Ankle 2017

**6th Triennial IFFAS
Scientific Meeting**

Lisbon, Portugal
29-30 September 2017
www.iffas.org

Pre-Congress:
EFAS Advanced Symposium

Lisbon, Portugal
28 September 2017
www.efas.co

6TH TRIENNIAL IFFAS SCIENTIFIC MEETING

LISBON, PORTUGAL



**29TH-30TH
September
2017**

PRELIMINARY PROGRAMME

PRE-CONGRESS: EFAS ADVANCED SYMPOSIUM 28TH SEPTEMBER 2017

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International Federation of Foot & Ankle Societies

WELCOME

Dear Colleagues,

New ideas, news faces, and a new meeting city await you at the 6th Triennial Scientific Meeting of the International Federation of Foot & Ankle Societies in Lisbon. The vibrant capital city of Portugal offers a rich and varied history, interesting attractions, a beautiful setting, and wonderful climate. The IFFAS Council looks forward to welcoming you to Lisbon and the IFFAS Meeting.

The IFFAS Meeting will present stimulating educational sessions...the latest products for our specialty...and the opportunity to see old friends and meet new acquaintances from around the world. Offered every three years, the IFFAS meeting is a special opportunity for orthopaedic foot and ankle professionals worldwide to come together to exchange ideas and focus on important clinical and research topics.

The record number of abstracts received from around the globe demonstrates the abundance of talent and expertise within our specialty and its member organizations. The IFFAS Scientific Committee and the Symposia Committee have planned an exceptional program featuring 80 podium papers, a dozen symposia with international expert faculty from the four federations of IFFAS, and a large number of E-Posters. We are pleased to acknowledge the committee members for their contributions and the congress organiser/local host – the European Foot and Ankle Society – for its administration of the meeting.

The European Foot and Ankle Society (EFAS) invites you to also register for the Pre-Congress EFAS Advanced Symposium, the day preceding the IFFAS meeting. Combined Registration is offered for participation in the EFAS Advanced Symposium on 28th September and the IFFAS Meeting 29th - 30th September.

We look forward to meeting you in Lisbon!



Charles Saltzman, MD
IFFAS President



Martinus Richter, MD, PhD
IFFAS Vice President /Program Chair

CONGRESS HOST - IFFAS

9400 W. Higgins Road, Suite 220, Rosemont, IL 60018 USA

Tel: 847-430-5100 Fax: 847-692-3315 E-mail: iffas@iffas.org Website: www.iffas.org

CONGRESS ORGANISERS AND LOCAL HOST - EFAS

General E-mail: Efasevents@mci-group.com

Website: www.efas.co

IFFAS – EFAS REGISTRATION & HOTEL SECRETARIAT c/o MCI

Office Hours: Monday to Friday, 9:00 - 18:00 CET - Central European Time

(our offices are open on regular business days with the exception of public holidays)

T: +41 22 33 99 727 F: +41 22 33 99 631 E: iffas_efas.registration@mci-group.com

PLANNING COMMITTEES

IFFAS SCIENTIFIC COMMITTEE

Martinus Richter Vice President/Program Chair (Germany)

Marino Delmi (Switzerland)

Mark Easley (USA)

Mark Glazebrook (Canada)

Andre' Gomes (Portugal)

Gabriel Khazen (Venezuela)

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James Nunley II (USA)

Murray Penner (Canada)

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IFFAS SYMPOSIA COMMITTEE

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Cristian Ortiz (Chile)

Isabel Rosa (Portugal)

Bruce Sangeorzan (USA)

Manfred Thomas (Germany)

Yves Tourné (France)

PROGRAMME SCHEDULE

| Date | MORNING | AFTERNOON | EVENING |
|------------------------------|--|---|--|
| WEDNESDAY 27.09.17 | Exhibition Set Up | Exhibition Set Up | |
| THURSDAY 28.09.17 | 6 th EFAS Advanced Symposium Difficult Scenarios and Controversies | 6 th EFAS Advanced Symposium Difficult Scenarios and Controversies | Congress Welcome Reception 18:30 Patio de Gale |
| FRIDAY 29.09.17 | 08:00-10:00 Session 1 and 2 Auditorium I: Joint Preserving Strategies (Non-Ankle) Auditorium II: Obtaining & Maintaining a Stable Syndesmosis <i>Morning Coffee Break, Exhibition & E-Posters</i> 10:30-12:30 Session 3 and 4 Auditorium I: Plantar Plate Repair or Not Auditorium II: Ankle Fusion or TAR | 12:30-13:45 Lunch, Exhibition, E-Posters & Workshops 13:45-15:45 Session 5 Auditorium I: CENTRAL SESSION: Forefoot – Minimally Invasive or Not <i>Afternoon Coffee Break, Exhibition & E-Posters</i> 16:15-18:00 Session 6 and 7 Auditorium I: Diabetes/Charcot Auditorium II: Trauma | Congress Gala Dinner 20:00 Palacio de Xabregas |
| SATURDAY 30.09.17 | 08:00-10:00 Session 8 and 9 Auditorium I: Sports - Arthroscopy Auditorium II: What's new in Foot and Ankle <i>Morning Coffee Break, Exhibition & Posters</i> 10:30-12:30 Session 10 and 11 Auditorium I: Tendon-Ligament Auditorium II: Cartilage Repair | 12:30-13:45 Lunch, Exhibition, Posters & Workshops 13:45-15:45 Session 12 Auditorium I: CENTRAL SESSION: Ankle – Joint Preserving Measures <i>Afternoon Coffee Break, Exhibition & Posters</i> 16:15-17:30 Session 13 and 14 Auditorium I: Free Papers Auditorium II: Free Papers 17:30 Close and Depart | |

EFAS ADVANCED SYMPOSIUM

THURSDAY 28TH SEPTEMBER 2017



PROGRAMME

PRE-IFFAS Meeting Event

| | |
|-------------------------|--|
| 08.00 -08:30 | Registration |
| 08:30-08:40 | Welcome by M. Delmi, EFAS President and D. Singh, Chair EFAS Scientific Committee |
| 08:40-10:15 | SESSION 1: PRIMARY ADULT ACQUIRED FLAT FOOT DEFORMITY - Moderators: <i>D. Singh and M. Delmi</i> |
| Case Discussion: | <i>A 65 year old active female (BMI 30) with stage 2B tibialis posterior insufficiency, severe forefoot abduction, sagittal laxity at naviculo-cuneiform level and hallux valgus</i> |
| 08:40-08:45 | Case presentation <i>D. Singh</i> |
| 08:45-08:53 | A calcaneal osteotomy is mandatory <i>F. Krause</i> |
| 08:53-09:01 | At what point is a lateral column lengthening obligatory? <i>W.C. Lee</i> |
| 09:01-09:09 | What is the role of spring ligament reconstruction in this case? <i>Y. Tourné</i> |
| 09:09 -09:17 | This patient needs a medial column procedure (Cotton Osteotomy/Lapidus) <i>C. Saltzman</i> |
| 09:17- 09:25 | This patient needs an arthroreisis screw – My approach <i>A. Viladot</i> |
| 09:25-09:33 | The threshold to fuse? How does BMI affect decision making in this case? <i>A. Witteveen</i> |
| 09:33-10:15 | Discussion |
| 10:15-10:45 | <i>Coffee Break and Exhibition</i> |
| 10:45-12:15 | SESSION 2: THE FLATFOOT SOFA DEBATE: WHAT WOULD YOU DO IN THIS SCENARIO? - Moderators: <i>D. Redfern and A. Viladot</i> |
| 10:45-10:53 | Flat foot with severe tarso-metatarsal arthritis <i>D. Singh</i> |
| 10:53-11:01 | Flat foot associated with a tarsal coalition <i>J. Hamel</i> |
| 11:01-11:09 | Recurrent arch collapse after flatfoot reconstruction <i>A. Witteveen</i> |
| 11:09-11:17 | Persistent flat foot/valgus heel after triple arthrodesis <i>B. Sangerozan</i> |
| 11:17-11:25 | Is FDL Transfer necessary? <i>M. Monteagudo</i> |
| 11:25-11:33 | Double or Triple Arthrodesis <i>F. Alvarez</i> |
| 11:33-12:15 | Discussion |
| 12:15-13:15 | EFAS General Assembly |
| 13.15-14:30 | <i>Lunch, Exhibition & Industry Workshops (Workshops start at 13:40-14:20)</i> |
| 14:30-16:00 | SESSION 3: INFECTIVE SCENARIOS - Moderators: <i>J. L. Besse and F. Vannini</i> |
| Case 1: | <i>A 60 year old male who had an ankle arthroplasty 3 months earlier presents with a painful swollen ankle</i> |
| 14:30-14:35 | Case presentation |
| 14:35-14:42 | I would retain the implants (My algorithm for infected TAR) <i>N. Corte-Real</i> |
| 14:42-14:49 | This needs revision (My algorithm for infected TAR) <i>X. Martin</i> |
| 14:49- 15:10 | Discussion |
| Case 2: | <i>A 40 year old diabetic presents with an ulcer on the sole of the foot. He has a rocker bottom foot secondary to a previous Charcot of the midfoot</i> |
| 15:10-15:15 | Case presentation |
| 15:15-15:22 | How I would investigate? <i>V. Valderrabano</i> |
| 15:22-15:29 | The role and limitations of non-operative treatment <i>C. Walker</i> |
| 15:29-15:36 | My preferred approach - External fixation in this scenario <i>F. Robinson</i> |
| 15:36-15:43 | My preferred approach - Staged fusion is the best option <i>V. Kavarthapu</i> |
| 15.43 – 16.10 | Discussion |
| 16.10-16.40 | <i>Coffee Break and Exhibition</i> |
| 16.40-17.55 | SESSION 4: THE EFAS LISBON CLINIC Cases submitted by delegates who must be present to participate in the session - Moderators: <i>M. Richter and V. Valderrabano</i> |
| | Panel: <i>D. Redfern, C. Saltzman, A. Viladot, V. Valderrabano, M. Delmi, Y. Tourné, B. Sangerozan, W.C. Lee</i> |
| 18.00 | Close |
| 18.30 | Opening Welcome Reception IFFAS Triennial Meeting Patio de Gale Lisbon <i>(Coach Transfers to Patio de Gale)</i> Included in Combined Registration or Registration IFFAS meeting only |



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6TH IFFAS TRIENNIAL MEETING 29TH AND 30TH SEPTEMBER 2017

IFFAS INVITED FACULTY (SPEAKERS)

| Forename | Surname | Organisation |
|-------------|--------------|--------------|
| Samuel | Barouk | EFAS |
| Daniel | Baumfeld | FLAMECIPP |
| Judith | Baumhauer | NAFFAS |
| Doug | Beaman | NAFFAS |
| Giovanni | Carcuro | FLAMECIPP |
| Marina | Carrasco | FLAMECIPP |
| W. Hodges | Davis | NAFFAS |
| Christopher | DiGiovanni | NAFFAS |
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| Marta | Gomes | EFAS |
| Santiago | Guerrero | FLAMECIPP |
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| Niki | Hisateru | AFFAS |
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| Gabriel | Khazen | FLAMECIPP |
| Hakon | Kofoed | EFAS |
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| Keun Bae | Lee | AFFAS |
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| Victor | Valderrabano | EFAS |
| Jordi | Vega | EFAS |
| Antonio | Volpe | EFAS |
| Emilio | Wagner | FLAMECIPP |
| Ian | Winson | EFAS |
| Xu | Xy | AFFAS |
| Alastair | Younger | NAFFAS |

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| Forename | Surname | Organisation |
|-----------|------------------|--------------|
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| Marino | Delmi | EFAS |
| Mark | Easley | NAFFAS |
| Andre' | Gomes | EFAS |
| Beat | Hintermann | EFAS |
| Kjetil | Hvaal | EFAS |
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PRELIMINARY PROGRAMME

MAIN IFFAS Meeting

FRIDAY 29TH SEPTEMBER 2017

07:15
07:50

Registration
Opening Ceremony
C. Saltzman, M. Richter

ROOM: Auditorium I

SESSION 1 08:00 - 10:00

JOINT PRESERVING STRATEGIES (NON ANKLE)

Moderators: C. Ortiz, M. Easley

ROOM: Auditorium I

08:00 - 08:12

Joint preserving surgery in severe forefoot disorders L.S. Barouk

08:12 - 08:24

Malunited Lisfranc Injuries; Joint sparing treatments to keep it functional D. Baumfeld

08:24 - 08:36

Long-term outcome of joint-preserving surgery by combination metatarsal osteotomies for shortening (CMOS) for forefoot deformity in patients with rheumatoid arthritis N. Hisateru

08:36 - 08:48

Current strategies of Joint Preserving Surgeries for Great Toe Arthritis:
The Options and the Evidence J. Baumhauer

08:48 - 09:16

Discussion

09:16 - 09:22

Development of a cadaveric Hallux Rigidus model. Biomechanical testing D. Zanolli

09:22 - 09:28

Assessment of Haglund's syndromes with a new radiologic measure Y. Tourné

09:28 - 09:34

Forefoot surgery in depressed patients: To operate or not to operate? J. Amestoy

09:34 - 09:40

A Comparative Study of Modified Mitchells and Scarf Osteotomies for

09:40 - 09:46

Moderate Hallux Valgus B. Lau

The Use of 3D Prints to Compare the Efficacy of Different Calcaneal Osteotomies for Heel Varus G. Pfeffer

09:46 - 10:00

Discussion

SESSION 2 08:00 - 10:00

OBTAINING AND MAINTAINING A STABLE SYNDESMOSIS

Moderators: A. Viladot, H. Yip

ROOM: Auditorium II

08:00 - 08:12

Intraoperative techniques of assessing the anatomic reduction of the fibula and posterior fragment T. Mittlmeier

08:12 - 08:24

Strategies to obtain syndesmosis reduction in acute trauma M. Sakaki

08:24 - 08:36

Is Open reduction for Syndesmotic injury an optimal treatment? R. Simon

08:36 - 08:48

Arthroscopic Evaluation of Subtle Syndesmotic Instability G. Guyton

08:48 - 09:16

Discussion

09:16 - 09:22

Weightbearing Versus Gravity Stress Radiographs For Stability Evaluation of SER Fractures Of The Ankle A. Seidel

09:22 - 09:28

Chronic syndesmotic injuries; Treatment and evolution S. Catalán Amigo

09:28 - 09:34

Histomorphometrical changes in cartilage, synovial cells and synovial fluid after ankle fracture A.L. Godoy Santos

09:34 - 09:40

Abnormal Gutter Geometry as a Risk Factor of Chronic Ankle Instability Y. Tochigi

09:40 - 09:46

Morphology of the incisura fibularis at the distal tibiofibular syndesmosis in the Japanese population I. Tonogai

09:46 - 10:00

Discussion

10:00 - 10:30

Coffee Break, Exhibition and Posters

SESSION 3 10:30 - 12:30

PLANTAR PLATE REPAIR OR NOT

Moderators: M. Monteagudo, I. Rosa

ROOM: Auditorium I

10:30 -10:42

The evolution of my algorithm to the plantar plate problem [H.J. Trnka](#)

10:42 -10:54

The Plantar Plate Repair: A significant step ahead to reestablish the balance of the lesser MTP joints [C. Nery](#)

10:54 -11:06

Open reduction and ligament reconstruction for complete or incomplete dislocation of the lesser metatarsophalangeal joint with hallux valgus [R. Okuda](#)

11:06 -11:18

Surgical strategies, pearls and pitfalls for the plantar plate injuries [P. Phisitkul](#)

11:18 – 11:45

Discussion

11:45 - 11:51

Does the first metatarsal bone twist itself in hallux valgus? - Investigations with CT scans [K. Maruyama](#)

11:51 - 11:57

Comparison between two techniques in hammertoe surgery after 5 years [P. Ceccarini](#)

11:57 - 11:03

Gait and Footprint Analysis in Patients with Hallux Valgus [N. Ito](#)

11:03 - 11:09

A Novel Method to Evaluate Microvasculature of the Plantar Plate: Does the Biology Support Repair? [F. Finney](#)

11:09 - 12:15

The results of scarf osteotomy without implant stabilization [H. Liszka](#)

12:15 - 12:30

Discussion

SESSION 4 10:30 - 12:30

ANKLE FUSION OR TAR

Moderators: C. Saltzman, H. Kofoed

ROOM: Auditorium II

10:30 -10:42

Either way it is all about the Forces [I. Winson](#)

10:42 -10:54

Ankle Arthrodesis versus TAR [M. Carrasco](#)

10:54 -11:06

Managing Complications and Osteolysis [K.B. Lee](#)

11:06 -11:18

Comparing effectiveness of ankle arthrodesis and ankle replacement using patient self-reported outcomes and wearable technology [B. Sangeorzan](#)

11:18 – 11:45

Discussion

11:45 - 11:51

Revision surgery using ceramic talar prosthesis for total ankle arthroplasty [R. Katsui](#)

11:51 - 11:57

Comparison of Intermediate to Long-Term Outcomes of Total Ankle Arthroplasty in Varus and Valgus Alignment Compared with Neutral Alignment [K.B. Lee](#)

11:57 - 12:03

The effect of deformity and hindfoot arthritis on mid-term outcomes of ankle replacement and fusion [M. Penner](#)

12:03 - 12:09

MR Imaging of Ankle Arthroplasty Implants: Findings of Normal and Symptomatic Patients [C. de Cesar Netto](#)

12:09 - 12:15

Contact Stresses in a Fixed-Bearing Total Ankle Replacement: A Finite Element Analysis [N. Martinelli](#)

12:15 - 12:30

Discussion

12:30 – 13:45

Lunch, Exhibition, Workshops and E-Posters

SESSION 5 13:45 - 15:45 CENTRAL SESSION

FOREFOOT: MINIMALLY INVASIVE OR NOT

Moderators: M. Delmi, J. W. Lee

ROOM: Auditorium I

13:45 - 13:57

Shortening chevron osteotomy for treatment of hallux rigidus [M. Gomes](#)

13:57 - 14:09

First Metatarsophalangeal Arthrodesis using endomedullary screw fixation. Open or percutaneous [P. Sotelano](#)

14:09 - 14:21

Hallux Valgus Minimal Invasive or Not [X. Xy](#)

14:21 - 14:33

Big surgery for big forefoot deformities: it's not about the incision but the result [W.H. Davis](#)

14:33 - 15:00

Discussion

15:00 - 15:06

Comparison Between Proximal Chevron and Distal Chevron Osteotomy in Moderate to Severe Hallux Valgus Patients Undergoing Simultaneous Bilateral Correction [G.W. Lee](#)

15:06 - 15:12

Comparison of the outcomes between two osteotomies for second metatarsophalangeal joint dislocation [T. Kokubo](#)

- 15:12 - 15:18 Minimally invasive distal linear metatarsal osteotomy for treatment of hallux valgus
[T. Hagio](#)
- 15:18 - 15:24 Percutaneous Distal Osteotomy (Pdo) For Recurrent Hallux Valgus [B. Magnan](#)
- 15:24 - 15:30 Minimally invasive chevron osteotomy vs open chevron for hallux valgus correction: midterm results [G. Kaufmann](#)
- 15:30 - 15:45 Discussion**

15:45– 16:15 Coffee Break, Exhibition, Posters

SESSION 6 16:15 - 18:00

DIABETES/CHARCOT

ROOM: Auditorium I

Moderators: [K. Hvaal](#), [Y. Tanaka](#)

- 16:15 - 16:27 Surgical treatment of Charcot deformities with external frame [A. Volpe](#)
- 16:27 - 16:39 Midfoot Charcot Fixation; What do I prefer [G. Khazen](#)
- 16:39 - 16:51 Tendon Contracture as The Determinant of Outcome in the Treatment of Diabetic Foot Problems [A. Primadhi](#)
- 16:51 - 17:03 Management of the Diabetic/Neuropathic Patient with an Ankle Fracture [J. Johnson](#)
- 17:03 – 17.15 Discussion**
- 17:15 - 17:21 The Critical Role of Synovium in Charcot Neuroarthropathy [Z. Zhang](#)
- 17:21 - 17:27 The effects of multiple risk factors on the functional outcomes after the Broström procedure [E.H. Shin](#)
- 17:27 - 17:33 Radiographic results of percutaneous procedures for severe hallux valgus deformities [T. Kurashige](#)
- 17:33 - 17:39 Mobile- vs. Fixed-Bearing Total Ankle Prostheses: A Systematic Review and Meta-Analysis [A. Barg](#)
- 17:39 - 17:45 First metatarsophalangeal arthrodesis- are post-operative true lateral x-rays necessary? [T. Hossain](#)
- 17:45 - 18:00 Discussion**

SESSION 7 16:15 - 18:00

TRAUMA

ROOM: Auditorium II

Moderators: [B. Sangeorzan](#), [G. Khazen](#)

- 16:15 - 16:27 Fractures of the posterior malleolus – old dogmas and new concepts? [S. Rammelt](#)
- 16:27 - 16:39 Isolated Lateral Malleolus Ankle Fractures: what is stable and what is not? [A. Sakellariou](#)
- 16:39 - 16:51 Treatment for the residual deformities in the foot injuries [S. Ozeki](#)
- 16:51 - 17:03 Lisfranc Injuries: What should we be doing? [C. DiGiovanni](#)
- 17:03 – 17.15 Discussion**
- 17:15 - 17:21 Conservative treatment Versus Repair Deltoid in SER Type IV Equivalent Ankle Fracture: A Prospective Study [C. Rungprai](#)
- 17:21 - 17:27 Peroneal tendon tears: 50% rule, a myth? Biomechanical cadaveric evaluation [E. Wagner](#)
- 17:27 - 17:33 Primary arthrodesis compared with open reduction and internal fixation for Lisfranc injuries with the first tarsometatarsal joint dislocation. A multi-centre study [M. Zhang](#)
- 17:33 - 17:39 Sinus tarsi approach vs. extensile lateral approach for intra-articular calcaneal fracture. [M. Khongphaophon](#)
- 17:39 - 17:45 Influence of local drainage on calcaneal fractures; surgical treatment complications [J. Figueiredo](#)
- 17:45 - 18:00 Discussion**

20:00

Congress Gala Dinner Palacio de Xabregas

The Congress Awards will be presented during the Gala Dinner



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SATURDAY 30TH SEPTEMBER 2017

SESSION 8 08:00 - 10:00

SPORTS - ARTHROSCOPY

Moderators: C. Nery, Y. Tourné

ROOM: Auditorium I

- 08:00 - 08:12 Treatment of the posterior ankle impingement by arthroscopy, Anatomic Study and surgical techniques X. Martin Oliva
- 08:12 - 08:24 Foot and ankle endoscopy indications and limits C. Ortiz
- 08:24 - 08:36 Arthroscopic repair/reconstruction for lateral instability of the ankle M. Takao
- 08:36 - 08:48 Arthroscopic Treatment of Talus Osteochondral Defects E. Giza
- 08:48 – 09:16 Discussion**
- 09:16 - 09:22 Effect of Initial Graft Tension at Calcaneofibular Ligament Reconstruction for Ankle Stability Y. Sakakibara
- 09:22 - 09:28 Safe Zone for the Plantar Portal: A Cadaveric Study S. Maeda
- 09:28 - 09:34 Simultaneous Reconstruction of the Medial and Lateral Collateral Ligaments of the Ankle T. Yasuda
- 09:34 - 09:40 Influence of learning curve for surgical complications and no influence on patient related complications A. Makulavicius
- 09:40 - 09:46 The influence of a calcaneal medial osteotomy on hindfoot alignment using a pre- and post-operative weightbearing CT A. Burssens
- 09:45 - 10:00 Discussion**

SESSION 9 08:00 - 10:00

WHAT'S NEW IN FOOT AND ANKLE

Moderators: A. Gomes, A. Barg

ROOM: Auditorium II

- 08:00 - 08:12 Need for new concepts in joint implant surgery H. Kofoed
- 08:12 - 08:24 Treatment of Chronic deltoid ligament insufficiency , our option: repair with Internal Brace™ augmentation G. Carcuro
- 08:24 - 08:36 New practical applications of artificial total talar prosthesis Y. Tanaka
- 08:36 - 08:48 What's new in Ankle Arthritis Outcomes: Lessons learned from a Canadian Outcomes Database A. Younger
- 08:48 – 09:16 Discussion**
- 09:16 - 09:22 Oxford Foot Model and weight bearing CT (pedCAT):Comparison of tibia-hindfoot angle and arch height M.R. Wachowsky
- 09:22 - 09:28 Combination of PedCAT with Pedography Shows Relationship of Foot Center and Center of Gravity M. Richter
- 09:28 - 09:34 Flatfoot Hindfoot Alignment : A Comparison of Clinical Assessment and Weightbearing ConeBeam CT C. de Cesar Netto
- 09:34 - 09:40 The Use of Weight-Bearing CT Scan in the Evaluation of Hindfoot Alignment M. Welck
- 09:40 - 09:46 Weightbearing CT in normal hindfoot alignment; Presence of a constitutional valgus? A. Burssens
- 09:45 - 10:00 Discussion**

10:00 – 10:30

Coffee Break, Exhibition and Posters

SESSION 10 10:30 - 12:30

TENDON-LIGAMENT

- Moderators:** M. Penner, W.C. Lee **ROOM: Auditorium I**
- 10:30 - 10:42 Peroneal tendons pathology in ankle instability. An endoscopic point of view **J. Vega**
- 10:42 - 10:54 State of the art in deltoid ligament injuries **G. Slullitel**
- 10:54 - 11:06 Insertional Achilles tendinopathy – two different pathologies and the possibility for non-operative treatments OR Anatomical consideration for the treatment of plantar fasciopathy - short-term effect of hyaluronic acid injection **T. Kumai**
- 11:06 - 11:18 Evolution to MIS for Ankle Stabilization: A comprehensive international approach using the principals of Anatomy, Biomechanics and Evidence Based Medicine **M. Glazebrook**
- 11:18 - 11:45 Discussion**
- 11:45 - 11:51 Tenogenic differentiation of tonsil and bone marrow-derived mesenchymal stem cells **H. Kim**
- 11:51 - 11:57 Optimization of Tenocyte Lineage-Related Factors from Tonsil-Derived Mesenchymal Stem Cells using Design of Experiments **S.S. Kwon**
- 11:57 - 12:03 Biomechanical comparison of circumtibial and transmembranous posterior tibial tendon transfer **E. Wagner**
- 12:03 - 12:09 Achilles tendinopathy induced by serial injections of collagenase: a new experimental model **C. de Cesar Netto**
- 12:09 - 12:15 Therapeutic potential of Mesenchymal Stem Cells to treat Achilles Tendon Injuries **M.H. Costa Vieira**
- 12:15 - 12:30 Discussion**

SESSION 11 10:30 - 12:30

CARTILAGE REPAIR

- Moderators:** B. Hintermann, Y.Takakura **ROOM: Auditorium II**
- 10:30 - 10:42 Osteochondral lesion of talus: What is the problem & solution? **J.W. Lee**
- 10:42 - 10:54 Microfracture for osteochondral lesion of the talus – is it still the gold standard for treatment **J. McCormick**
- 10:54 - 11:06 Osteochondral lesions treated with cancellous bone grafting and periosteal flap. My experience **S. Guerrero**
- 11:06 - 11:18 AMIC surgery for osteochondral Lesions of the Talus **V. Valderrabano**
- 11:18 - 11:45 Discussion**
- 11:45 - 11:51 Anatomic feature of deltoid ligament attachment in posteromedial osteochondral lesion of talar dome **T. Nakasa**
- 11:51 - 11:57 Matrix-Associated Stem Cell Transplantation (MAST) in Chondral Defects of the Ankle is Safe and Effective **M. Richter**
- 11:57 - 12:03 Primary versus Secondary Osteochondral Autograft Transplantation in Patients with Large Sized OLTs **K.H. Park**
- 12:03 - 12:09 Magnetic Resonance T1rho Mapping of Articular Cartilage Grafts After Autologous Osteochondral Transplantation for Osteochondral Lesions of the Talus: A Longitudinal Evaluation **N. Haraguchi**
- 12:09 - 12:15 Evaluation of reproducibility of the Magnetic Resonance Observation of Cartilage Repair Tissue (MOCART) **N. Martinelli**
- 12:15 - 12:30 Discussion**
- 12:30 – 13:45 Lunch, Exhibition, Workshops & E-Posters**

SESSION 12 13:45 - 15:45 CENTRAL SESSION

ANKLE-JOINT PRESERVING MEASURES

ROOM: Auditorium I

- Moderators:** M. Richter, I. Winson
- 13:45 - 13:57 Osteotomies around the ankle, osteotomies around the ankle, principles and planning **E. Wagner**
- 13:57 - 14:09 Effect of Osteotomies around the Ankle **B. Hintermann**
- 14:09 - 14:21 Ankle Joint Preserving Measures **W.C. Lee**
- 14:21 - 14:33 Ankle Distraction: How to succeed **D. Beaman**
- 14:33 - 15:00 Discussion**
- 15:00 - 15:06 Antinociceptive effect of hyaluronic acid sodium on ankle osteoarthritis model **S. Jimbo**

- 15:06 – 15:12 Preoperative Patient-reported Outcome Measures Predict Success in Patients with Ankle Arthritis [F. Waly](#)
- 15:12 – 15:18 Relationship between Isokinetic Muscle Strength and Functional Test in Chronic Ankle Instability [Y. H. Park](#)
- 15:18 – 15:24 Weight-bearing CT analysis of chronic lateral ankle instability: a multivariate study of 124 feet [F. Lintz](#)
- 15:24 – 15:30 Weight-bearing Computed Tomography Findings in Varus Ankle Osteoarthritis: Abnormal Internal Rotation of the Talus in Axial Plane [M.H. Kim](#)
- 15:15 – 15:45 Discussion**

15:45 – 16:15 Coffee, Exhibition, E-Posters

SESSION 13 16:15 – 17:30

FREE PAPERS

ROOM: Auditorium I

Moderators: [J. C. Neto](#), [A. Younger](#)

- 16:15 – 16:21 Polymorphisms of estrogen receptors in menopausal women with posterior tibial tendon dysfunction [P.A. Pontin](#)
- 16:21 – 16:27 Conservative Treatment for Plantar Fasciitis: A Prospective Randomized Study among Three Methods [C. Jasmin](#)
- 16:27 – 16:33 Randomized control study of toe exercise for prevention from fall in elderly people [K. Amaha](#)
- 16:33 – 16:39 Novel concept for preserving severe valgus ankle osteoarthritis with large talar tilt: Realignment of the foot with triple arthrodesis [M.H. Kim](#)
- 16:39 – 16:45 Which surgical treatment is better for plantar fasciitis? A randomized controlled trial [C. Gamba](#)
- 16:45 – 16:51 Minimal important change, measurement error and responsiveness for the SEFAS [M. Cöster](#)
- 16:51 – 16:57 Defining Gastrocnemius Tightness-A study on 400 participants without foot and ankle pathology [O. Chan](#)
- 16:57 – 17:03 Changes in the ankle joint and hindfoot alignment following varus deformity correction of the knee [B.O. Jeong](#)
- 17:03 – 17:09 Evaluation of rotation of first metatarsus with hallux valgus by computed tomography [Y. Nakamoto](#)
- 17:09 – 17:15 Intramedullary plate fixation in hallux valgus [S. Mugarbi](#)
- 17:15 – 17:30 Discussion**

SESSION 14 16:15 – 17:30

FREE PAPERS

ROOM: Auditorium II

Moderators: [J. Nunley](#), [S. Rammelt](#)

- 16:15 – 16:21 Phenol Injection for Morton’s Neuroma Under Elettro-neurographic Guidance [B. Magnan](#)
- 16:21 – 16:27 Repeatability of a multi-segment foot model with a 15-marker set in healthy children [E.J. Kim](#)
- 16:27 – 16:33 Translation, cultural adaptation and validation of the Foot Function Index-revised (FFI-R) [K. Stéfani](#)
- 16:33 – 16:39 Efficacy of dermal fenestration technique on soft tissues in distal tibia and fibula fractures [U. Akgun](#)
- 16:39 – 16:45 Minimum 10-19 Years; Follow-Up of the Star Total Ankle Perform in the USA [J. Nunley](#)
- 16:45 – 16:51 Deltoid ligament injury patterns in external rotation ankle injuries, a cadaveric study [M. Cooper](#)
- 16:51 – 16:57 Clinical Outcome for Total Ankle Replacement in Patients Younger Than 50 Years [D. Spuehler](#)
- 16:57 – 17:03 Medializing Calcaneal Osteotomy (MCO) For Acquired Adult Flatfoot: [E. Samaila](#)
- 17:03 – 17:09 Percentage of articular surface debridement is equivalent in arthroscopic and open ankle fusions [M. Anderson](#)
- 17:09 – 17:15 Revision Rate of Total Ankle Replacement in Patients Younger Than 50 Years [N. Zullig](#)
- 17:15 – 17:30 Discussion**

CLOSING CEREMONY

ROOM: Auditorium I

17:30

Moderators: [C. Saltzman](#), [M. Richter](#)
Closing and Farewell



World Congress Foot and Ankle 2017

**6th Triennial IFFAS
Scientific Meeting**
Lisbon, Portugal
29-30 September 2017
www.iffas.org

Pre-Congress:
EFAS Advanced Symposium
Lisbon, Portugal
28 September 2017
www.efas.co

HOST CITY AND CONGRESS VENUE

LISBON, PORTUGAL

Lisbon is one of the oldest cities in the world, and the oldest in Western Europe, predating other modern European capitals such as London, Paris and Rome by centuries. A cosmopolitan capital with a Mediterranean climate, Lisbon offers vast cultural experiences to visitors, and it is a city that is also proud to maintain its traditions. Lisbon City has a rich history dating back to the Roman Empire. Julius Caesar himself made it a Municipium. It has several historical sites with the Belem Tower and the Jeronimos Monastery being declared World Heritage Sites by UNESCO. The venue for the congress is located close to the point in Belém at The Discoveries Monument, where Vasco da Gama embarked on his voyage from Portugal to India in 1497, and it was here too that Christopher Columbus anchored on his way back to Spain following his historic discovery of the Americas. This city of discoveries is the perfect host for the World Congress: Foot and Ankle 2017.

Congress Venue : Lisboa Congress Centre, Praça das Indústrias, 1300-307 Lisboa

The Centro de Congressos de Lisboa is located near the Tagus River and close to the historic buildings of Belém quarter.

Travel to Lisbon, Portugal

By Air: Lisbon International Airport is located 7 km north of the capital Lisbon and is almost in the city. The airport is served by all major international airlines and budget airlines.

The Star Alliance member airlines are pleased to be appointed as the **Official Airline Network for World Congress Foot and Ankle 2017; IFFAS Triennial Meeting.**

SAVE UP TO 20% ON TRAVEL WITH THE STAR ALLIANCE™ NETWORK

To obtain the Star Alliance Conventions Plus discounts please visit Conventions Plus online booking tool
<http://conventionsplusbookings.staralliance.com/trips/StarHome.aspx?meetingcode=TP06S17>

Registered participants plus one accompanying person travelling to the event can qualify for a **DISCOUNT OF UP TO 20%**, depending on fare and class of travel booked.

The participating airlines for this event are: **ANA, Adria Airways, Aegean Airlines, Air Canada, Air China, Air India, Air New Zealand, Asiana Airlines, Avianca, Croatia Airlines, EVA Airways, EgyptAir, Ethiopian Airlines, LOT Polish Airlines, Scandinavian Airlines, Shenzhen Airlines, South African Airways, TAP Portugal, THAI, Turkish Airlines, United.** Discounts are offered on most published **Business and Economy** class fares, excluding website/internet fares, senior and youth fares, group fares and Round the World fares. When making your travel plans, please present confirmation of your registration or proof of attendance for the Congress.





Special procedures to be followed for travel to/from Japan. Discounts may be offered by the participating airlines on their own network. To obtain these discounts please contact the respective carriers' booking office. Contact details can be found on [http://www.staralliance.com/en/convention-delegates under "Conventions Plus Booking Contacts"](http://www.staralliance.com/en/convention-delegates under 'Conventions Plus Booking Contacts'). Please quote the event code TP06S17 for ticket reservation.

Travel from airport to City Centre Bus There is a bus network from the airport that offers services to passengers who are travelling to various destinations from the airport. If travelling to coastal resorts of Estoril or Cascais the Scotturb airport shuttle is the best option for you. A ticket to the city centre should cost c.€1.35.

- AEROBUS: Linking the Airport to downtown Lisbon and Cais do Sodre (every 20 minutes from 7 a.m. to 9 p.m.)

- CARRIS BUSES: No. 5, 8, 22, 44, 45, 83.

Taxis

Taxis are available outside the Terminal Building.

The general charge is c. €15-€20 to the centre of Lisbon.

Travel to Congress Venue by Tram and Bus

Congress venue is accessible by bus and tram from the city centre.



SOCIAL EVENTS

Thursday 28th September – 18:30-19:30 WELCOME RECEPTION

Venue: Pátio de Galé, Lisbon

Meet colleagues and friends at a Welcome Reception hosted under the beautiful and historic Pombaline arcades of Patio de Gale on the western side of Lisbon's celebrated 18th Century Comercio Square. Drinks and Canapés will be served.

Reception Tickets: 1 Ticket is included in a Full Registration Fee and Extra Tickets available to book on the Registration form and are €30 per person to include Drinks and Canapés. Patio de Gale is centrally located in Lisbon and accessible for public transport and is surrounded by many restaurants. Coaches depart Lisbon Congress Centre and Marriott Lisbon Hotel; please refer to final programme for timings. There is no return coach transfer.



Friday 29th September – 20:00-23:00 CONGRESS DINNER

Venue: Palacio Xabregas

Join together for a special evening at the Palace of Xabregas located to the east of Lisbon. Built by the famous Portuguese sailor and aristocrat Tristão da Cunha at the end of the 16th Century, the Palace of Xabregas was **the official residence of the Portuguese Royal family**, and was one of a few buildings that survived the earthquake of 1755, which destroyed the rest of the city. The walls of the Palace are adorned with paintings and artwork and the Palace has **one of the largest private collections of tiles in Portugal**.

Gala Dinner Tickets: €90 per person to include entrance to Palacio Xabregas, Cocktail Reception, 3-Course Dinner and Wines by exclusive Penha Longa Catering, Entertainment and Return Coach Transport to the Marriott Congress Hotel.

GENERAL CONGRESS INFORMATION

Accreditation The Organisers have applied to UEMS for EACCME Accreditation for this congress.

Cancellation There is no refund for onsite cancellations, hotel no-shows or early cancellation/departure from the congress hotels.

Exhibition & Sponsorship The congress will host an Industry Exhibition on 28th, 29th, 30th September. Exhibition space and sponsorship options will be available to all interested industry partners. Contact email: efasevents@mci-group.com for exhibition pack.

E-Posters Poster submissions will be viewed as E-Posters using the E-Poster Terminals in the Exhibition areas.

Insurance Registration Fees do not include insurance. Insurance is the individual responsibility of each participant.

Registration Fees Online Registration site is linked at www.efas.co and www.iffas.org Combined Registration is available for participants who wish to attend both EFAS Symposium 28th September and IFFAS Triennial Meeting 29th and 30th September.

All enquiries relating to Registration must be sent to;

IFFAS – EFAS 2017 Registration & Hotel Secretariat c/o MCI

Office Hours:

Monday to Friday

9:00 - 18:00 CET - Central European Time

(our offices are open on regular business days with the exception of public holidays)

T: +41 22 33 99 727

F: +41 22 33 99 631

E: Iffas_Efas.registration@mci-group.com

| COMBINED FEE Register for Both Meetings at One Reduced Fee | | | | |
|--|---|---|---|---|
| EFAS Advanced Symposium 28 th September AND IFFAS Meeting 29 th and 30 th September 2017 | | | | |
| | Early Fee 31 ST July 2017 | ✓ | Late Fee 1 st August 2017 | ✓ |
| IFFAS/EFAS Member* | €695 | | €750 | |
| Non Member | €950 | | €995 | |
| Trainee /Resident ^① | €475 | | €500 | |

| 6th EFAS Advanced Symposium 28th September 2017 ONLY | | | | |
|---|---|---|---|---|
| | Early Fee 31 ST July 2017 | ✓ | Late Fee 1 st August 2017 | ✓ |
| EFAS Member | €325 | | €400 | |
| Non Member | €450 | | €500 | |
| Trainee /Resident ^① | €225 | | €250 | |

| 6th IFFAS Triennial Scientific Meeting Registration 29th - 30th September 2017 ONLY | | | | |
|---|---|---|---|---|
| | Early Fee 31 ST July 2017 | ✓ | Late Fee 1 st August 2017 | ✓ |
| IFFAS/EFAS Member * | €395 | | €450 | |
| Non Member | €550 | | €600 | |
| Trainee /Resident ^① | €295 | | €350 | |

***Members** - a member of a Federation that is a member of IFFAS (EFAS, AFFAS, NAFFAS, FLAMECIPP)

Hotel Accommodation The official Congress Hotel is the Marriott Lisbon Hotel. The hotel is a 4 star property with standard and deluxe room options starting at €150 per night including breakfast (single occupancy) €160 Double Occupancy including breakfast. The Marriott Lisbon Hotel has an outdoor swimming pool, and excellent bar and restaurant facilities, high speed internet, flat screen TVs and the location of the hotel is convenient to the city centre and Lisbon Airport. Daily Return Coach Shuttle will operate on 28, 29 and 30 September at peak hours (early morning and evening following the lectures) from the Marriott Hotel to Lisbon and return.

Participants can reserve hotel rooms at the Marriott Lisbon Hotel online using the link to the Online registration on www.iffas.org and www.efas.co



All enquiries relating to Hotel must be sent to;

IFFAS – EFAS 2017 Registration & Hotel Secretariat c/o MCI

Office Hours:

Monday to Friday

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(our offices are open on regular business days with the exception of public holidays)

T: +41 22 33 99 727

F: +41 22 33 99 631

E: Iffas_Efas.registration@mci-group.com

VISA EU nationals do not require a Visa to enter Portugal. For all other countries please visit <https://www.portaldascomunidades.mne.pt/pt/> for information on entry requirements. Participants can request Visa Invitation letters when completing their Registration online.

TOUR PROGRAMME OPTIONS

*Tours will only proceed if minimum numbers are reached.

Thursday 28th September 2017 HALF DAY WALKING TOUR LISBON (Morning*)

Includes English Speaking Guide, transport to centre and Coffee with Pastel de Nata.

Cost: €35 per person

Friday 29th September 2017 FULL DAY TOUR LISBON Alfama, Castle and Belem Quarter*

Includes English Speaking Guide, transport, Coffee with Pastel de Nata , 3 course Lunch in Restaurant Old Town, all Entrance fees.

Cost: €110 per person

Saturday 30th September 2017 HALF DAY TOUR SINTRA Sintra and Pena Palace (Morning*)

Includes English Speaking Guide, transport, visit Pena Palace and Coffee with Pastel de Nata.

Cost: €50 per person

Reserve Tours online using the link to the Online registration on www.iffas.org and www.efas.co

INDUSTRY

The EFAS /IFFAS meetings offer Exhibition opportunity in Exhibition Halls adjacent to the Lecture Theatres on Thursday 28th, Friday 29th and Saturday 30th September (3 days).

For enquiries about space and sponsorship, please send an Email to efasevents@mci-group.com

EXHIBITION STANDS

The following companies have reserved Exhibition space:



Acumed, Arthrex, Astrolabe, Changzhou Waston Medical Appliance Company, Curvebeam, Depuy Synthes, Exactech, Extremity Medical, Geistlich Pharma, Gramedica, Hologic, In2Bones, Integra, Intercus, Medartis, Neosteo, Novastep, Orthosolutions UK, Orthoscoot, Osteomed, Paragon 28, Romains Industrie, Smith & Nephew, Stryker, Scaffdex, Shanghai Bojin Electric Instrument and Device Co., Wright, Zimmer Biomet

INDUSTRY LUNCH WORKSHOPS

Industry have arranged update events outside the core scientific meeting hours. Please note that EFAS and IFFAS have no responsibility for the content, and attendance is entirely at the discretion of participants.

Thursday 28th September 13:40-14:20



Friday 29th September 12:50-13:30



Saturday 30th September 12:50-13:30



OTHER INDUSTRY UPDATE EVENTS

Dynamic Presentation Corner Thursday 28th September



Dynamic Presentation Corner situated in the Exhibition Hall. Visit the industry stand for full programme information.

Dynamic Presentation Corner Friday 29th September



Dynamic Presentation Corner situated in the Exhibition Hall. Visit the stands for programme information.