



**GERMANY**  
**AUGSBURG**

# EFAS

## European Foot & Ankle Society



### Minimally Invasive Surgery

**4-6 September 2025**

[www.efas.net](http://www.efas.net)





## Faculty members

Marc Elkäim | Georg Hochheuser | Henryk Liszka | Frederick Michels | Mohamed Mokhtar | Manfred Thomas  
Markus Walther

## EFAS MIS Course - Basic Course

**Thursday 4 September 2025**

### Principles, Instruments and Lesser toes

#### 08:45-10:00 | LECTURES

- 08:45 Welcome
- 09:00 Instruments and general principles of minimally invasive foot surgery. **Henryk Liszka**
- 09:20 Evidence in minimally invasive foot surgery. **Markus Walther**
- 09:40 Principles of lesser toe correction. **Marc Elkäim**

#### 10:00-10:25 COFFEE BREAK, VISIT SPONSORS-INSTRUMENTS

#### 10:30-12:05 | LAB

- 10:30 Artificial bone demonstration: Instruments. **Henryk Liszka**
- 10:35 Artificial bone demonstration: Lesser toe correction. **Marc Elkäim**
- 10:45 Industry Workshop (All companies present with MIS machines)  
All attendees have the possibility to get the EU-MDR operators licence for the MIS machines used in the course from the manufacturer and therefore can train the staff in their local hospitals (EU-MDR Licence 2017/745)
- 11:15 Artificial bone: Practical session lesser toe correction. **Faculty**
- 11:25 Cadaver: Demonstration lesser toe correction. **Marc Elkäim**
- 11:35 Cadaver: Practical session lesser toes. **Faculty**

#### 12:05-13:00 LUNCH

#### 13:00-14:00 | LECTURES

- 13:00 Principles of 5<sup>th</sup> ray correction. **Frederick Michels**
- 13:20 Principles of lesser metatarsal osteotomies (DMMO, DICMO). **Frederick Michels**
- 13:40 Dressings after MIS surgery. **Frederick Michels**

#### 14:00-16:30 | LAB

- 14:00 Artificial bone: Demonstration 5<sup>th</sup> ray. **Frederick Michels**
- 14:10 Artificial bone: Demonstration DMMO. **Frederick Michels**
- 14:20 Artificial bone practical session. **Faculty**
- 15:00 Cadaver: Demonstration: 5<sup>th</sup> ray. **Frederick Michels**
- 15:15 Cadaver: Demonstration Metatarsal osteotomies. **Frederick Michels**
- 15:30 Cadaver Practical session. **Faculty**

#### 16:30-17:00 COFFEE BREAK, VISIT SPONSORS-INSTRUMENTS



## EFAS MIS Course - Basic Course

### Thursday 4 September 2025

#### 17:00-18:30 | LECTURES

- 17:00 Good procedures to start with. **Georg Hochheuser**
- 17:30 Exercise dressings at your colleague. **Faculty**
- 18:00 Case discussion from Attendees and Faculty. **Mohamed Mokhtar**

#### 18:30 | END OF 1<sup>st</sup> DAY

### Friday 5 September 2024

#### Basics of 1<sup>st</sup> ray and calcaneus

#### 08:30-09:20 | LECTURE

- 08:30 MIS in Hallux rigidus (Cheilectomy, periarticular osteotomies). **Georg Hochheuser**
- 08:50 MIS in Plantar fasciitis. **Markus Walther**
- 09:05 MIS in Diabetes. **Mohamed Mokhtar**

#### 09:20-10:30 | LAB

- 09:20 Artificial bone: Demonstration Hallux rigidus (Cheilectomy, periarticular osteotomies). **Georg Hochheuser**
- 09:30 Artificial bone: Demonstration Plantar fasciitis. **Markus Walther**
- 09:40 Artificial bone: Demonstration Diabetes (Base 5<sup>th</sup> metatarsal, elevation osteotomie metatarsals). **Mohamed Mokhtar**
- 09:50 Artificial bone practice.

#### 10:30-11:00 | COFFEE BREAK

- 11:00 Cadaver: Demonstration Hallux rigidus (limited cheilectomy). **Georg Hochheuser**
- 11:10 Cadaver: Demonstration Plantar fasciitis. **Markus Walther**
- 11:20 Cadaver: Demonstration Diabetes (Resection plantar exostosis base 5<sup>th</sup> metatarsal). **Mohamed Mokhtar**
- 11:30 Cadaver Practice (limited cheilectomy, Heel spur resection, plantar prominence (base 5<sup>th</sup> metatarsal)). **Faculty**

#### 12:30-13:30 | LUNCH

#### 13:30-14:30 | LECTURES

- 13:30 Medializing calcaneal osteotomy (MCO). **Frederick Michels**
- 13:50 Zadek. **Markus Walther**
- 14:05 MIS Haglund. **Henryk Liszka**



## EFAS MIS Course - Basic Course

**Friday 5 September 2024**

### 14:30-15:45 **ILAB**

- 14:30 Artificial bone: Demonstration MCO. **Frederick Michels**
- 14:40 Artificial bone: Demonstration Zadek. **Markus Walther**
- 14:50 Artificial bone: Demonstration MIS Haglund. **Henryk Liszka**
- 15:00 Artificial bone Practice.

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### 15:45-16:05 **COFFEE BREAK**

- 16:05 Cadaver: Demonstration MCO. **Frederick Michels**
- 16:20 Cadaver: Demonstration Zadek. **Markus Walther**
- 16:35 Cadaver: Demonstration MIS Haglund. **Henryk Liszka**
- 16:45 Cadaver Practice. **Faculty**
- 17:45 Principles of MIS Hallux valgus correction. **Henryk Liszka**
- 18:05 Postoperative management, x-ray after MIS and other important things to know. **Georg Hochheuser**
- 18:25 Even more ideas where MIS can be helpful. **Manfred Thomas**
- 18:40 Closing remarks. **Markus Walther**
- 18:45 **END OF 2<sup>nd</sup> DAY**



## EFAS MIS Course - Advanced Course

**Saturday 6 September 2024**

### Advanced techniques of 1<sup>st</sup> ray correction

**08:50-09:00** REGISTRATION / WELCOME

**09:00-09:50** LECTURES

- 09:00 MIS Chevron (MICA) – Theoretical concepts, literature and technique. **Mohamed Mokhtar**
- 09:20 MIS Proximal osteotomy - Theoretical concepts, literature and technique. **Georg Hochheuser**
- 09:40 MIS Scarf - Theoretical concepts, literature and technique. **Marc Elkaïm**

**10:00-10:40** ILAB

- 10:00 Artificial bone demonstration: MIS Chevron (MICA). **Mohamed Mokhtar**
- 10:20 Artificial bone demonstration: MIS Proximal osteotomy. **Georg Hochheuser**
- 10:30 Artificial bone demonstration: MIS Scarf. **Marc Elkaïm**

**10:40-11:00** COFFEE BREAK

- 11:00 Artificial bone Practice. **Faculty**
- 12:00 Cadaver demonstration: MIS Chevron (MICA). **Mohamed Mokhtar**
- 12:30 Cadaver demonstration: MIS Proximal osteotomy. **Georg Hochheuser**
- 12:45 Cadaver demonstration: MIS Scarf. **Marc Elkaïm**

**13:00-13:30** LUNCH BREAK

**13:30-14:45** Cadaver Practice

**15:00-15:45** LECTURES

- 15:00 MIS Cavus foot correction. **Markus Walther**
- 15:15 MIS subtalar/midfoot fusion. **Marc Elkaïm**
- 15:30 Management of complications. **Manfred Thomas**

**15:45-17:00** ILAB

- 15:45 Artificial bone demonstration: MIS Cavus foot correction. **Markus Walther**
- 15:55 Artificial bone demonstration: MIS subtalar/midfoot fusion. **Marc Elkaïm**
- 16:05 Artificial bone practice. **Faculty**
- 16:30 Cadaver demonstration: MIS Cavus foot correction. **Markus Walther**
- 16:45 Cadaver bone demonstration: MIS/Arthroscopic subtalar fusion. **Marc Elkaïm**

**17:00-18:00** Cadaver Practice. **Faculty**

**18:00-18:30** Open questions and closing remarks. **Markus Walther**

**18:30** END OF 3<sup>rd</sup> DAY