

**PROGRAM**  
**Day-1 (05-24-2017)**  
**Deformity Correction with Plates**

08:00-8:10 Welcome and Introduction

**Basic rules – Chair: P. Thaller**

08:10-8:30 Basic rules, clinical examination, radiographic standards and acceptable limits in management of limb deformities H. Kınık

08:30-8:40 Radiological examination and comparison of the 3 different radiologic techniques in 3D deformity surgery: X-ray, CT, EOS B. Abay

08:40-09:00 How the lower extremity deformities effect the knee? B. Beksaç

09:00-09:20 Analysis and EPF-Planning of osteotomies around the knee F. Wolf

**Invited speaker**

**Chair: M.Bilgili**

09:20-09:40 Application and development of the Ilizarov technique in China B. Guo

09:40-10:00 **Coffee break**

**Drawing lab**

10:00-12:00 Analysis and EPF-Planning of osteotomies around the knee P.H. Thaller / Team

12:00-13:00 **Lunch**

**Techniques – Chair: T. Eren**

13:00-13:20 Osteotomy principles & Techniques F. Wolf

13:20-13:40 Intra-operative alignment control: The x-ray grid method N. Degen

13:40-14:00 Two plane open wedge medial high tibial osteotomy for varus malalignment of the knee M. Arazi

14:00-14:20 Locking plates for osteotomies around the knee M.Kucukkaya

14:20-14:30 **Coffee break**

**Bone lab**

14:30-16:30 Locking plates for osteotomies around the knee  
Proximal Medial tibia open wedge - Distal medial femur closed wedge D.H. Lee

16:30-16:40 **Coffee break**

**Techniques – Chair: H. Kınık**

16:40-17:00 Distal femoral correctional osteotomy with minimal invasive plate osteosynthesis D. H. Lee

17:00-17:20	Plating for deformity correction far from the knee	P.H. Thaller
17:20-17:40	Deformity correction around the ankle with plates	H. Kınık
17:40-18:00	Fixator Assisted Techniques for the Acute Correction of the Proximal Tibial Deformities	D. H. Lee
18:00-18:10	Closing / Award for the best group	Faculty of the Day

## **Day-2 (05-25-2017)**

### **Deformity Correction with Lengthening Nails & Nails**

#### **Planning – Chair: M. Kucukkaya**

08:00-08:20	History of lengthening nails	P.H. Thaller
08:20-08:50	Analysis and End-Point-First-Planning (EPF) for lengthening and deformity correction with nails	F. Wolf
08:50-09:10	Medullary canal diameter reducing techniques in long bones	O. Poyanlı
09:10-09:30	<b>Coffee break</b> - Video presentation for EPF	Ö. Karakoyun

#### **Drawing lab**

09:30-11:30	Analysis and End-Point-First-Planning (EPF) of simultaneous lengthening and deformity correction of femur and tibia	P.H. Thaller / Team
11:30-12:00	Video-Session: Digital Analysis and digital EPF-Planning	P.H. Thaller

#### **12:00-13:00 Lunch**

#### **Techniques – Chair: M. Bilgili**

13:00-13:20	Clinical experience with five different fully implantable lengthening systems	P.H. Thaller
13:20-13:40	Monofocal Deformity correction with nails – retrograde femur	P.H. Thaller
13:40-14:00	Suprapatellar nailing technique in correction of tibial deformities	S. Sökücü
14:00-14:20	<b>Coffee Break</b> - Video presentation for EPF	Ö. Karakoyun

#### **Bone & Model lab**

14:20-15:20	Deformity correction with nails – retrograde femur	P.H. Thaller / Team
15:20-16:20	Blocking screws for deformity correction with nails “3D model-bone” lab for blocking screws	O. Poyanlı / Team
16:20-16:40	<b>Coffee Break</b> - Video presentation for EPF	Ö. Karakoyun

#### **Techniques – Chair: P. Thaller**

16:40-17:00	Deformity correction far from the knee with im-nails	P.H. Thaller
17:00-17:20	Aspects in lengthening of the humerus with im-nails	N. Degen
17:20-17:40	Fine tuning of alignment and fit by on-site bending of nails	F. Wolf
17:40-18:00	Dead space management in osteomyelitis after nailing	N. Degen

## Day-3 (05-26-2017)

### Deformity Correction with external Fixators and Defect Reconstruction

#### Planning – Chair: K. Durak

08:00-08:30	Mal-alignment test - Analysis & planning - CORA method, osteotomy rules (Basic rules)	K. Tetsworth
08:30-09:00	Fixation and deformity correction principles for circular external fixators	M. Gulsen
09:00-09:30	What is different in TSF in terms of fixation principles, hardware and software (Basic rules)	K. Tetsworth
09:30-09:40	<b>Coffee break</b>	

#### Bone Lab

09:40-11:00	Deformity and fracture correction with TSF at sawbone	K. Tetsworth
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#### Techniques – Chair: K. Aktuğlu

11:00-11:20	Combined techniques for the safe correction of very large tibial rotational deformities in adults (IMN & Ex Fix)	K. Tetsworth
11:20-11:40	Management of shortening with combined deformities: Plates-Nails-Ex fix	M. Kucukkaya
11:40-12:00	Extra-articular Deformity: Implications for TKA	K. Tetsworth
12:00-13:00	<b>Lunch</b>	

#### Panel Discussion – Large Bone Defects

**Moderator:** K. Tetsworth

13:00-13:10	Overview	K. Tetsworth
13:10-13:20	Why Conventional Frame (Pins/Wires)?	H. Kınık
13:20-13:30	Why Auto-/Allograft?	A. Gogus
13:30-13:40	Why Masquelet?	K. Tetsworth
13:40-13:50	Why Cable Unilateral?	M. Kucukkaya
13:50-14:00	Why Bone Transport Nail?	P.H. Thaller
14:00-14:30	Panel Discussion	

#### 14:30-14:50 **Coffee break**

#### Techniques – Chair: G. Okçu

14:50-15:10	What's new in diagnosis in orthopaedic infections?	U. Isıklar
15:10-15:30	Osseointegration: The Ultimate Post-traumatic Limb Reconstruction?	K. Tetsworth
15:30-15:45	Soft tissue management with a frame to avoid plastic surgery	Ö. Karakoyun
15:45-16:00	Cosmetic approach to scars caused by limb lengthening and deformity surgery	S. Tuncer
16:00-16:10	<b>Coffee break</b>	

#### Pediatrics – Chair: A. Eren

16:10-16:30	Development and guided growth	B. Sarisözen
16:30-16:50	Growing: The 4 <sup>th</sup> dimension in deformity surgery, and internal techniques	M. Kucukkaya
16:50-17:10	Combined epiphyseal and metaphyseal osteotomy for Blount's disease in kids: Technique, pearls & pitfalls	H. Kınık
17:10-17:15	Closing / Award for the best group	Faculty of the Day

## **Day-4 (05-27-2017)**

### **Cadaver Lab**

08:00	Transfer to the cadaver lab	
09:20-09:30	Introduction	
09:30-11:00	Retrograde femoral nailing with torsion control <ul style="list-style-type: none"> <li>▪ Intra-operative alignment control: The x-ray grid method</li> </ul>	P.H. Thaller
11:00-12:00	Suprapatellar nailing for tibia <ul style="list-style-type: none"> <li>▪ Fibula osteotomy</li> <li>▪ Fasciotomy tib. ant.</li> <li>▪ Peroneal nerve exposure</li> </ul>	K. Tetsworth / S. Sökücü
12:00-13:00	<b>Lunch</b>	
13:00-14:00	Minimal Invasive Plate Osteosynthesis in HTO	D. H. Lee
14:00-15:00	Supracondylar osteotomy with minimal invasive plate osteosynthesis	D. H. Lee
15:00	Closing remarks	