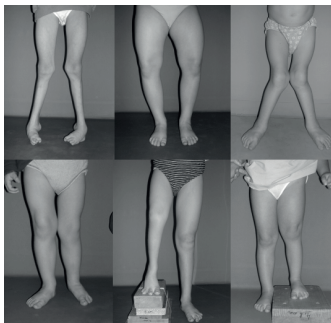


EPOS Advanced Course

Vienna, Austria: 27-28 January 2023



Lower Limb Deformity

Highlights

- Diagnosis and evaluation of lower limb deformities
- Treatment of congenital, posttraumatic and metabolic deformities
- Use of unilateral and six-axis frames as well as lengthening nails
- Gradual and acute correction strategies
- Postoperative management and treatment of complications of lower limb lengthening

Methods of education

- Lectures
- Interactive workshops
- Discussion



Welcome



Christof Radler



Sebastian Farr



Ignacio Sanpera

Dear Colleagues,

It is a great pleasure to invite you to the EPOS Advanced Course Lower Limb Deformity

The spectrum of lower limb deformities in children and adolescents reaches from minor limb length inequality to complex deficiencies with a multitude of associated pathologies. We face congenital, syndromic, and metabolic deformities as well as shortening and malalignment as a result of trauma.

The aim of this course is to present the pathomorphology, diagnostic approach and treatment of the different specific etiologies of limb shortening and deformity. The program includes lectures and discussions as well as hands-on workshops. In those workshops you have the opportunity to get familiar with different approaches and medical devices used for limb lengthening and reconstruction. Additionally, the workshops are the best time to engage with our extremely experienced and renowned faculty and to learn about their surgical pearls and preferred techniques.

The course is aimed at residents and junior consultants, but also at senior consultants who want to improve their knowledge on lower limb deformity.

The EPOS Educational Committee has invited a faculty of international experts. They will share their knowledge and experience with you and will encourage discussion on the above-mentioned topics. Treatment innovations are often a result of collaboration between clinicians and industry. The last ten years have brought us exciting new techniques like lengthening nails and new generation six-axis frames. Our industry partners contribute significantly and provide the hardware for our hands-on workshop allowing us to get experienced with the latest technology.

Christof Radler
Course Chair

Sebastian Farr
EPOS Educational
Committee Chairman
2022-2025

Ignacio Sanpera
EPOS President
2022-2023

Program

Friday 27 January

Thursday 26 January
at Orthopaedic Hospital Speising

16:00-18:00 Registration

Schedule	Topic	Faculty
07:30	Registration	
	Badge scanning 1 (1 CME credit)	
	Moderator: M. Eidelman, P. Calder	
08:30	Intro	
08:40	Diagnosis and clinical work-up of the limb deformity LLD patient	G. Mindler
08:50	Radiographic and imaging workup incl rotation	S. Kold
09:00	Def planning in a nutshell	R. Rödl
09:10	Discussion	
09:20	Bone age and prediction of LLD	M. Langendörfer
09:30	Treatment of LLD by epiphysiodesis	R. Rödl
09:40	Guided growth – techniques, results and complications	J. Horn
09:50	Guided growth in metabolic and syndromic patients	G. Mindler
10:00	Discussion	
10:30	Break	
	Badge scanning 2 (2 CME credit)	
	Moderator: J. Horn, C. Radler	
10:30	Mounting a stable frame – biomechanics and pin and wire placement	M. Eidelman
10:45	Managing the Ex fix patient: Postoperative wits&wisdom	H. Manner
11:00	Bone biology, osteoneogenesis and callus maturation	S. Kold
11:10	Discussion	
11:20	Acute correction of malalignment and its limits	M. Langendörfer
11:30	Fixator assisted plating and nailing	P. Calder
11:40	Discussion	
11:50	Correction of posttraumatic bone bridge and deformity	S. Kold
12:00	Correction of posttraumatic deformity and LLD	H. Manner
12:10	Treating osteomyelitis and sequela	P. Calder
12:20	Discussion	

Program

Friday 27 January

Schedule	Topic	Faculty
12:30	Lunch break	
	Badge scanning 3 (1 CME credit)	
	Moderator:M. Langendörfer, S. Kold	
13:30	Rotational gait abnormalities - Diagnosis and treatment	J. Horn
13:40	Correction of syndromic deformity and LLD	J. Horn
13:50	Correction of metabolic deformity and LLD	G. Mindler
14:00	Limb lengthening and axial correction in Achondroplasia	R. Rödl
14:10	Discussion	
14:30 18:00	Rotating industry workshops 1	

Program

Saturday 28 January

Schedule	Topic	Faculty
	Badge scanning 4 (2 CME credit)	
	Moderator: H. Manner G. Mindler	
08:30	Lengthening nail – indications and approach in children and adolescents	P. Calder
08:40	Deformity correction using lengthening nails	C. Radler
08:50	Managing complications of lengthening nails	M. Langendörfer
09:00	Discussion	
09:10	Managing complications of limb lengthening with external fixation	H. Manner
09:20	Foot and ankle correction with external fixation	M. Eidelman
09:30	Discussion	
09:30	Rotating industry workshops 2	
13:00	Lunch break	
	Badge scanning 5 (1 CME credit)	
	Moderator: H. Manner, R. Rödl	
14:00	Tibial bowing and treatment of PMB	P. Calder
14:15	Orthotic treatment of longitudinal deformity	P. Calder
14:30	Understanding the deformity in CFD, FH and Tib hemi	C. Radler
14:45	Reconstruction for CFD incl. hip and knee instability	C. Radler
15:00	Reconstruction for FH incl. ankle joint	C. Radler
15:15	Reconstruction of Tib hemi	M. Eidelman
15:30	Discussion	
15:45	Reconstruction of CPT	M. Eidelman
16:00	Final Remarks	
16:15	Adjourn	

Information

Future Courses

7th EPOS BAT INSTRUCTIONAL COURSE TRILOGY

Part II

Vienna, Austria | 8-10 March 2023 (Updated dates)

EPOS ADVANCED COURSE

Pediatric Spine Surgery

Vienna, Austria | 11-12 May 2023

EPOS ADVANCED COURSE

Metabolic and genetic disorders in pediatric orthopedics

Vienna, Austria | 6-7 September 2023

7th EPOS BAT INSTRUCTIONAL COURSE TRILOGY

Part III

Vienna, Austria | 15-17 November 2023

Information

Course fees (incl. 10% VAT)

Early registration*

Early registration fees incl. 10% Austrian VAT
(valid until 26 December 2022)

Participants

EUR 450.00

EPOS members**

EUR 350.00

Residents**

EUR 300.00

Late registration fees

Late registration fees incl. 10% Austrian VAT (no onsite registration possibility and valid as of Tuesday 27th of December)

Participants

EUR 550.00

EPOS members**

EUR 450.00

Residents**

EUR 400.00

* The early registration fee is only when the payment is made before the early registration deadline

** Proof of status mandatory

Registration fees include

- Participation to all course educational activities;
- Lunches & Coffee breaks

Expenses related to flights, accommodation, airport transfers, dinners etc. are at the participants' own expense.

Course language

English – no translation

CME Credits



7 European CME credits (ECMEC®s) have been accredited for the course.

Please note that each medical specialist should claim only those credits that he/she actually spent in the educational activity.

Opening hours

Thursday 26 January 16:00-18:00

Friday 27 January 07:30-18:30

Saturday 28 January 07:30-16:30

Contact

EPOS Central Office

courses@epos.org

Venue

Orthopaedic Hospital Speising

Speisinger Strasse 109

1130 Vienna

Austria

Auditorium: Prof. Spitzzy-Auditorium



**Orthopädisches
Spital Speising**
Wien

Faculty

Course Faculty

Peter Calder, UK
Mark Eidelman, Israel
Joachim Horn, Norway
Søren Kold, Denmark
Micha Langendörfer, Germany
Hannes Manner, Switzerland
Gabriel Mindler, Austria
Christof Radler, Austria
Robert Rödl, Germany

Scientific Committee:

Christof Radler	Course Chair
Sebastian Farr	Chair, EPOS Educational Committee

Rotating industry workshops *

Workshop 1	SMART TSF: Bilevel Tibia (Smith & Nephew)	C. Radler
Workshop 2	Orthex small bone: Distal Tibia (OrthoPediatics)	M. Langendörfer H. Manner
Workshop 3	Derotation with PNP (OrthoPediatics)	M. Eidelman G. Mindler
Workshop 4	Lengthening nail antegrade retrograde approach (NuVasive)	J. Horn S. Kold
Workshop 5	LRS system pediatric (Orthofix)	R. Rödl P. Calder
Workshop 6	OrthoNext reverse planning workshop (Orthofix)	

** Workshops subject to last minute changes*

Official industry supporters of the course are:

