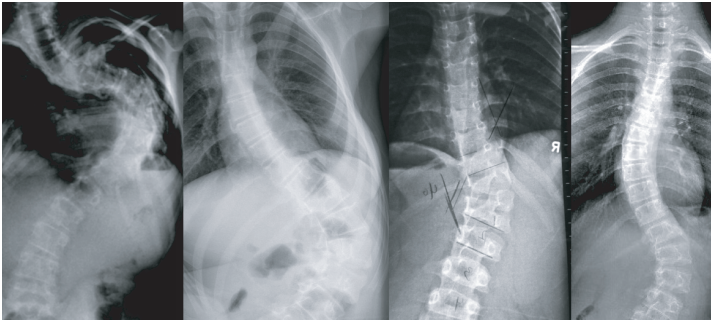


## EPOS Advanced Course

Vienna, Austria: 24-25 January 2024



## Fundamentals of Pediatric Spine Deformities

### Highlights

- Close interaction with faculty
- Interactive case discussions
- Hands-on workshops covering all current techniques to treat pediatric spine deformities:
  - Growth-sparing strategies for early onset deformities
  - Osteotomy techniques in direct contact with experienced spine deformity surgeon

### Methods of education

- Lectures
- Interactive workshops
- Discussion

# Welcome



Carol C. Hasler



Sebastian Farr



Hakan Ömeroğlu

Dear Colleagues,

This event is aimed at paediatric orthopaedic surgeons, residents and fellows who want to deepen their understanding of the pathoanatomy, pathogenesis, diagnostics and therapeutic strategies of pediatric spine deformities.

This comprehensive, interactive course is led by a renowned faculty of European experts in that field. Particular emphasis is put on hands on workshops with direct teaching of skills, tricks & pitfalls and discussions about different approaches and problem-solving including 3D reduction deformities correction, placing of spine anchors (pedicle screws, sublaminar band, rib fixation, salvage techniques), osteotomies among others.

We hope to be able to provide you with an exciting scientific programme and look forward to your participation.

Yours,

Carol C. Hasler

Course Chair

Sebastian Farr

EPOS Educational  
Committee Chairman  
2022-2025

Hakan Ömeroğlu

EPOS President  
2023-2024

# Program

Wednesday 24 January

Tuesday 23 January  
at Orthopaedic Hospital Speising

16:00-18:00 Pre-registration (optional)

Schedule	Topic	Faculty
07:00	Registration	
08:00	Welcome	

## Session 1

Moderator: David M. Farrington, Moyo Kruyt

### Fundamentals of Spine Deformity

08:03	Growth of the spine and the chest wall	Dror Ovadia
08:11	Functional anatomy incl. spinal alignment	Moyo Kruyt
08:19	Clinical examination	Daniel Studer
08:27	Imaging	Jorge Mineiro
08:35	Neuromonitoring	René Castelein
08:43	Outcome analysis	Daniel Studer
08:48	Discussion	

### Early Onset Scoliosis

08:58	Challenges	Carol Hasler
09:06	Conservative treatment	Oliana Madeira
09:14	Surgical options and indications	Muharrem Yazici
09:22	Outcomes, Final fusion	David M. Farrington
09:30	Discussion & Case presentations incl. posterior VBT by J. Mineiro	Dror Ovadia
09:50	Coffee Break	

## Session 2

Moderator: Oliana Madeira, René Castelein

### Adolescent Idiopathic scoliosis

10:10	Etiology, classification, natural history	René Castelein
10:25	Conservative treatment	Jorge Mineiro
10:40	Surgical treatment incl. Vertebral body tethering	Daniel Studer
10:55	The big curve - Halo traction	Dror Ovadia
11:05	The big curve - Osteotomies (PSO, VCR)	Brice Ilharreborde
11:20	The difficult pedicle	Carol Hasler
11:30	Long-term outcome of surgical treatment	Jorge Mineiro
11:40	Discussion & Case presentations	René Castelein
12:00	Lunch Break	

# Program

Wednesday 24 January

## Schedule Topic

## Faculty

### Session 3

Moderator: Daniel Studer, Brice Ilharreborde

#### Neuromuscular Spine Deformities

13:00	General characteristics, preop assessment, treatment principles	Jorge Mineiro
13:10	Conservative treatment	David M. Farrington

#### Specific pathologies

13:20	Cerebral palsy	Oliana Madeira
13:30	Spinal muscular atrophy, Muscular dystrophies	Oliana Madeira

#### Surgical treatment

13:40	The role of growth-friendly surgeries	Dror Ovadia
13:50	Instrumented fusion	Carol Hasler
14:00	Discussion & Case Presentations	Brice Ilharreborde

### Session 4

Moderator: Jorge Mineiro, Carol Hasler

#### Sagittal plane deformities

14:15	Scheuermann kyphosis	David M. Farrington
14:30	Spondylolysis, Spondylolisthesis	René Castelein
14:45	Discussion & Case presentations	Oliana Madeira

15:00 Industry-Sponsored workshops Round 1

16:00 Coffee Break

16:15 Industry-Sponsored workshops Round 2

### Session 5

Moderator: Dror Ovadia, Brice Ilharreborde

#### Congenital Spine Deformities

17:15	Associated intraspinal anomalies	Sybil James
17:30	Scoliosis	Muharrem Yazici
17:45	Kyphosis	Moyo Kruyt
18:00	Myelomeningocele	Muharrem Yazici
18:15	Discussions & Case presentations	Carol Hasler

18:30 End of the day

# Program

Thursday 25 January

Schedule	Topic	Faculty
08:00	Industry-Sponsored workshops Round 3	
09:00	Coffee Break	
<b>Session 6</b>		
Moderator: David M. Farrington, Muharrem Yazici		
<b>Syndromic Spine</b>		
09:15	Brittle bone diseases	Muharrem Yazici
09:30	Bone dysplasias	Moyo Kruyt
09:45	Connective tissues disorders	Brice Ilharreborde
10:00	Metabolic diseases	Muharrem Yazici
10:15	Neurofibromatosis	Dror Ovadia
10:30	Discussion & Case presentations	David M. Farrington
10:45	Coffee Break	
11:00	Industry-Sponsored workshops Round 4	
12:00	Adjourn	Carol Hasler
12:05	End of the course	

# Information

## Future Courses

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### **EPOS ADVANCED COURSE**

Fundamentals of Pediatric Orthopedic Oncology  
Vienna, Austria | 25-26 January 2024

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### **8th EPOS BAT INSTRUCTIONAL COURSE TRILOGY (Part I)**

Vienna, Austria | 6-8 March 2024

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### **Combined EPOS-POSNA Meeting (2nd EPOSNA)**

Washington DC | USA 8-11 May 2024

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### **EPOS BAT ADVANCED COURSE**

DDH and Hip Ultrasound  
Vienna, Austria | 27-28 June 2024

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### **EPOS BAT ADVANCED COURSE**

Clubfoot - Aiming for Perfect, from Diagnosis to Treatment  
Portugal | 26-27 September 2024

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# Information

## Course fees (incl. 10% VAT)

Early registration fees\*  
(valid until 24th of December 2023):

**Participants**  
EUR 400.00

**EPOS members\*\***  
EUR 300.00

**Residents\*\***  
EUR 250.00

## Late registration fees

Late registration fees  
(valid as of 25th of December 2023. No registration possible onsite!):

**Participants**  
EUR 500.00

**EPOS members\*\***  
EUR 400.00

**Residents\*\***  
EUR 350.00

**IMPORTANT! You have a possibility to participate in both January Advanced courses (Spine surgery course (24-25.01) and Tumor & Infection surgery course (25-26.01)) and pay a combined reduced registration fee as follows:**

Early registration fees  
(valid until 24th of December 2023):

**Participants**  
EUR 600.00

**EPOS members\*\***  
EUR 450.00

**Residents\*\***  
EUR 350.00

Late registration fees  
(valid as of 25th of December 2023. No registration possible onsite!):

**Participants**  
EUR 700.00

**EPOS members\*\***  
EUR 550.00

**Residents\*\***  
EUR 450.00

## Course language

English – no translation

## CME Credits



8 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

Tuesday 23 January 16:00-18:00 (pre-registration, optional)

Wednesday 24 January 07:00-18:30

Thursday 25 January 07:30-12:15

## 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

\* 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.

# Faculty

## Course Faculty

René Castelein, The Netherlands  
David M. Farrington, Spain  
Carol C. Hasler, Switzerland  
Brice Ilharreborde, France  
Syril James, France  
Moyo Kruyt, The Netherlands  
Oliana Madeira, Portugal  
Jorge Mineiro, Portugal  
Dror Ovadia, Israel  
Daniel Studer, Switzerland  
Muharrem Yazici, Turkey

## Scientific Program Committee:

Carol C. Hasler	Course Chair
Sebastian Farr	Chair, EPOS Educational Committee
Hakan Ömeroglu	EPOS President 2023-2024

## Industry-Sponsored Workshops: Rotation System\*

Station 1	Adolescent idiopathic scoliosis - correction technique by Depuy Syntes (implant presented: Expedium Verse)	C. Hasler, D. Studer, J. Mineiro
Station 2	Bone scalpel use - osteotomy techniques by Bioventus (implant presented: Bone scalpel)	D. Farrington, B. Ilharreborde, O. Madeira
Station 3	Neuromuscular - bipolar instrumentation by Euros (represented by Dr. Miladi)	R. Castelein, M. Kruyt
Station 4	Early onset scoliosis-magnetically controlled growing rods by Nuvasive/Globus Medical (implant presented: MAGEC)	D. Ovadia, M. Yazici

*\*Workshops schedule/tutors are subject to last minute change.*

*Disclaimer: Please note that there is a variety of different similar products available that can be used beyond the ones provided at this event.*

Official industry supporters of the course are:

