

EPOS Advanced Course

Vienna, Austria: 6-7 September 2023



Rare Bone Diseases

Highlights

- Diagnostics and evaluation of upper and lower limb problems
- Best practice in the management of upper and lower limb deformities and fractures
- Interdisciplinary approach including orthopaedics, endocrinology and genetics
- User/patient involvement
- The 5 most common rare bone disorders, including osteogenesis imperfecta and achondroplasia

Methods of education

- Lectures
- Interactive workshops
- Discussion

info www.epos.org/education



Welcome



Joachim Horn



Sebastian Farr



Hakan Ömeroglu

Dear Colleagues,

It is a great pleasure to invite you to the EPOS Advanced Course in Rare Bone Diseases.

Rare bone diseases might be characterized by short stature, bony deformities, frequent fractures, bony lesions and pain as well as other extra-skeletal symptoms and complications, and might be divided into two main categories, skeletal dysplasias and metabolic disorders. Although the individual diagnoses are rare, all rare bone diseases together represent a significant and challenging group of patients for the pediatric orthopedic surgeon.

The aim of this course is to provide the current status on diagnostics and evaluation of upper and lower limb problems in patients with rare bone diseases, and the “best practice” approach for treatment of deformities and fractures. The faculty includes orthopedic surgeons and pediatricians in order to provide knowledge not only on skeletal problems, but also other medical challenges. In many of these conditions there is limited knowledge about the natural history and the long terms risks of the disease. However, this knowledge is essential to develop guidelines for disease management. One of the highlights of this course is therefore to include adult patient representatives to provide information on challenges and function in adulthood.

The program includes lectures and discussions as well as hands-on workshops. In these workshops participants will have the opportunity to get familiar with different medical devices relevant for the treatment of rare bone diseases and to learn from the renowned faculty on the use of these devices.

The course is aimed at residents and junior consultants, but also senior consultants who want to improve their knowledge on rare bone diseases.

The EPOS Educational Committee has invited a faculty of international experts in the field of rare bone diseases. They will share their expertise and provide the current knowledge on these conditions. Industry partners will contribute significantly to this course. In the field of medicine collaborative efforts between industry partners and physicians are essential for both for the development and improvement of medical devices, but also to provide the hardware of the latest technologies for our hands-on workshop.

A handwritten signature in black ink, appearing to read 'Joachim Horn'.

Joachim Horn
Course Chair

A handwritten signature in black ink, appearing to read 'Sebastian Farr'.

Sebastian Farr
EPOS Educational
Committee Chairman
2022-2025

A handwritten signature in black ink, appearing to read 'Hakan Ömeroglu'.

Hakan Ömeroglu
EPOS President
2023-2024

Program

Wednesday 6 September

Tuesday 5 September
at Orthopaedic Hospital Speising

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

Schedule	Topic	Faculty
07:30	Registration	
	Badge scanning 1 (2 CME credits)	

Session 1

Moderators: Joachim Horn, Gabriel Mindler

08:30	Welcome	
08:40	Rare Bone disorders: an overview	Joachim Horn
08:50	How to deal with the family	Darko Antičević
09:00	Multidisciplinary setting – including psychology	Ralph Sakkers
09:10	Osteogenesis imperfecta (OI): Aetiology, diagnosis and pathophysiology	Ralph Sakkers
09:20	Orthopaedic problems in children with OI	Dmitry Popkov
09:30	Other medical problems in OI	Adalbert Raimann
09:40	Challenges and function in adulthood in OI – a patient perspective (5 min video Dutch patient + 5 min presentation)	Ralph Sakkers
09:50	Coffee Break	
10:00	Current Best Practice in OI - upper limb	Thomas Wirth
10:10	Current best practice in OI - lower limb	Muharrem Inan
10:20	Retrograde technique and tips and tricks in OI lower limb surgery	Zagorka Pejin
10:30	Advances in medical treatment in OI	Adalbert Raimann
10:40	Discussion	
11:00	Break	
	Badge scanning 2 (1 CME credits)	

Session 2

Moderators: Ivan Hvid, Dmitry Popkov

11:10	Multiple osteochondromas: Aetiology, diagnosis and pathophysiology, including advances in medical treatment	Giovanni Trisolino
11:20	Orthopaedic problems in children in MO	Darko Antičević
11:30	Challenges and function in adulthood in MO – a patient perspective (Maria Cecilia Laforgia – Representative of the European Patient Advocacy Group in ERN BOND + 5 min presentation Giovanni Trisolino)	Giovanni Trisolino

Program

Wednesday 6 September

Schedule	Topic	Faculty
11:40	Current Best Practice in MO - upper limb	Sebastian Farr
11:50	Current Best Practice in MO - lower limb	Thomas Wirth
12:00	Discussion	
12:10	Case based discussions	
13:00	Lunch Break	
	Badge scanning 3 (1 CME credits)	

Session 3

Moderators: Giovanni Trisolino, Ralph Sakkers

14:00	X-linked hypophosphatemic rickets (XLH): Aetiology, diagnosis and pathophysiology	Ivan Hvid
14:10	Orthopaedic problems in children in XLH	Gabriel Mindler
14:20	Other medical problems in XLH	Adalbert Raimann
14:30	Challenges and function in adulthood in XLH	Gabriel Mindler
14:40	Current best practice - lower limb	Gabriel Mindler
14:50	Advances in medical treatment	Adalbert Raimann
15:00	Discussion	
15:20	Coffee Break	
15:30- 18:30	Industry-Sponsored Workshops	

Program

Thursday 7 September

Schedule	Topic	Faculty
	Badge scanning 4 (1 CME credits)	
	Session 4	
	Moderators: Ralph Sakkers, Muharrem Inan	
08:30	Achondroplasia: Aetiology, diagnosis and pathophysiology	Ralph Sakkers
08:40	Orthopaedic problems and other medical problems in children with achondroplasia	Joachim Horn
09:00	Challenges and function in adulthood in achondroplasia – a patient perspective (5 min video of a Norwegian patient and 5 min presentation)	Joachim Horn
09:10	Current Best Practice in achondroplasia	Muharrem Inan
09:20	Advances in medical treatment in achondroplasia – is there a need for limb lengthening in the future?	Dmitry Popkov
09:30	Discussion	
09:40	Industry-Sponsored Workshops	
12:40	Lunch Break	
	Badge scanning 5 (1 CME credits)	
	Session 5	
	Moderators: Thomas Wirth, Darko Antičević	
13:40	Fibrous dysplasia: Aetiology, diagnosis and pathophysiology	Giovanni Trisolino
13:50	Orthopaedic and other medical problems in children with fibrous dysplasia, including medical treatment	Darko Antičević
14:10	Challenges and function in adulthood in fibrous dysplasia	Ivan Hvid
14:20	Current Best Practice for orthopaedic treatment	Thomas Wirth
14:30	Discussion	
14:40	Final remarks	
15:00	Adjourn	

Information

Future Courses and Events

7th EPOS BAT INSTRUCTIONAL COURSE TRILOGY (Part III)

Vienna, Austria | 15-17 November 2023

EPOS BAT ADVANCED COURSE

Fundamentals of Pediatric Spine Deformities

Vienna, Austria | 24-25 January 2024

EPOS BAT ADVANCED COURSE

Pediatric Musculoskeletal Tumors Course

Vienna, Austria | 25-26 January 2024

8th EPOS BAT INSTRUCTIONAL COURSE TRILOGY (Part I)

Vienna, Austria | 6-8 March 2024

Combined EPOS-POSNA Meeting (2nd EPOSNA)

Washington DC | USA 8-11 May 2024

EPOS BAT ADVANCED COURSE

DDH and Hip Ultrasound

Vienna, Austria | 20-21 June 2024

Information

Course fees (incl. 10% VAT)

Early registration fees*
(valid until Sunday 13th of August 23:59):

Participants

EUR 450.00

EPOS members**

EUR 350.00

Residents**

EUR 300.00

Late registration fees
(as of Monday 14th of August. No
registration possible onsite!):

Participants

EUR 550.00

EPOS members**

EUR 450.00

Residents**

EUR 400.00

Course language

English – no translation

CME Credits

6 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 5 September 16:00-18:00

(pre-registration, optional)

Wednesday 6 September 07:30-18:30

Thursday 7 September 08:00-15:00

Contact

EPOS Central Office

courses@epos.org

Venue

Orthopaedic Hospital Speising

Speisinger Strasse 109

1130 Vienna

Austria

Auditorium: Prof. Spitzky-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

Darko Antičević, Croatia
Sebastian Farr, Austria
Joachim Horn, Norway
Muharrem Inan, Turkey
Ivan Hvid, Norway
Gabriel Mindler, Austria
Zagorka Pejin, France
Dmitry Popkov, Serbia
Adalbert Raimann, Austria
Ralph Sakkers, The Netherlands
Giovanni Trisolino, Italy
Thomas Wirth, Germany

Scientific Program Committee:

Joachim Horn	Course Chair
Sebastian Farr	Chair, EPOS Educational Committee
Hakan Ömeroglu	EPOS President 2023-2024

Industry Sponsored Workshops *

Workshop 1	FD nail Tibia by OrthoPediatrics Room: Philipp-Erlacher-Saal (3rd floor)	R. Sakkers, M. Inan
Workshop 2	Gap nail, slim nail Femur by OrthoPediatrics Room: Anatomic OR	D. Antičević, G. Mindler
Workshop 3	JTIN, the new telescopic nail for Osteogenesis Imperfecta by Orthofix Room: Schule	Z. Pejin, T. Wirth
Workshop 4	Break slot & free time	

* 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:

