

## EPOS BAT Advanced Course

Vienna, Austria: 29–30 November 2019



### Pediatric Hand and Upper Extremity Surgery

- Congenital Malformations of the Upper Extremity
- Trauma in Children and Adolescents
- Posttraumatic Conditions
- Neuromuscular and Syndromic Conditions
- Tumor
- Microsurgery
  
- Theoretical Lectures
- Practical Workshops
- Techniques in Upper Extremity Surgery
- Case Discussions



# Welcome



Sebastian Farr



Rudolf Ganger



Thomas Wirth

Dear Colleagues,

It is a great pleasure to invite you to this EPOS BAT Advanced Course of the Pediatric Upper Extremity.

The hand and upper extremity is of paramount importance for daily life activities. It is not only a working instrument but also important for basic tasks such as eating, hygiene and many more. Last but not least, the hand is a cosmetic organ, and this is so often the main reason why parents are worried about their child's congenital hand condition.

The aim of this course is to present the broad spectrum of pediatric hand surgery in all its aspects. This includes theoretical lectures, four workshops and case discussions on relevant topics including congenital malformations, trauma, posttraumatic conditions, syndromes, neuromuscular conditions (CP, OBPP) and many more. As you are not already dealing with these topics, you will see how broad and fascinating this subspecialty can be. The course is aimed at both residents and junior consultants who want to improve their knowledge on pediatric hand and upper extremity surgery.

For this reason, the EPOS Educational Committee has invited a faculty of internationally renowned experts in this field. They will share their knowledge and experience with you and will encourage discussion on the above-mentioned topics, which may not always be straight-forward in its preferred treatment. In general, treatment innovations are often a result of collaboration between clinicians and industry and our industry partners contribute significantly to the educational content of this course.

We hope to provide you an exciting programme and look forward to your participation.

Yours,

A handwritten signature in black ink that reads "Farr".

Sebastian Farr

Course Chair

A handwritten signature in black ink that reads "R. Ganger".

Rudolf Ganger

Local Host

A handwritten signature in black ink that reads "T. Wirth".

Thomas Wirth

EPOS President 2019/2020

# Programme

Friday 29 November

Schedule	Topic	Faculty
07:30	Registration	
08:30	Welcome and opening remarks	R. Ganger, S. Farr

## Basics & Congenital Malformations I

Moderator: N. Catena

08:40	Embryology of the Upper Limb	F. Soldado
08:50	Classification and Prenatal Diagnosis – Is It Feasible?	S. Farr
09:00	Clinical Assessment of the Pediatric Upper Limb – What is Important?	C. Steiger
09:10	Simple and Complex Syndactyly	A. Jester
09:25	Trigger Thumb and Trigger Finger	N. Catena
09:35	Radial Polydactyly	E. Pontén
09:50	Central and Ulnar Polydactyly	G. Di Gennaro
10:00	Thumb Hypoplasia	S. Martinez-Alvarez
10:10	Cleft Hand and Symbrachydactyly	A. Jester
10:25	Discussion	

10:50	Break	
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11:20	<b>Workshop 1</b>	
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## Congenital Malformations II

Moderator: S. Farr

12:20	Macroductyly	C. Steiger
12:30	Amniotic Band Syndrome and Aphyalangia	F. Soldado
12:40	Clinodactyly and Camptodactyly	C. Steiger
12:50	Radial Longitudinal Deficiency	S. Farr
13:00	Ulnar Longitudinal Deficiency	N. Catena
13:10	Discussion	

13:30	Lunch	
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# Programme

Friday 29 November

Schedule	Topic	Faculty
<b>Congenital Malformations III</b>		
Moderator: G. Di Gennaro		
14:30	Congenital Radioulnar Synostosis	G. Di Gennaro
14:40	Congenital Radial Head Dislocation	S. Farr
14:50	Sprengel Deformity	F. Soldado
15:00	Congenital Pseudarthrosis of the Clavicle	G. Di Gennaro
15:10	<b>Workshop 2</b>	
<b>Neuromuscular &amp; Syndromic Conditions</b>		
Moderator: A. Jester		
16:10	Cerebral Palsy – Basics and Techniques	E. Pontén
16:30	Brachial Plexus Birth Palsy – Basics	A. Jester
16:40	Brachial Plexus Birth Palsy – Treatment	F. Soldado
16:50	Arthrogryposis	S. Martínez-Alvarez
17:00	Madelung Deformity	S. Farr
17:10	Multiple Hereditary Exostoses	N. Catena
17:20	Discussion	
17:45	<b>Workshop 3</b>	
18:45	End of the day	

# Programme

Saturday 30 November

Schedule	Topic	Faculty
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## Upper Limb Trauma in Children and Adolescents

Moderator: S. Martínez-Alvarez

08:15	Finger and Metacarpal Fractures	C. Steiger
08:25	Carpal Fractures	F. Soldado
08:35	Distal Radius Fractures	S. Martínez-Alvarez
08:50	Forearm Fractures	C. Steiger
09:00	Elbow Dislocations	G. Di Gennaro
09:10	Supracondylar Humerus Fractures	E. Pontén
09:25	Proximal Humerus and Humerus Shaft Fractures	S. Martínez-Alvarez
09:40	Discussion	
10:00	<b>Workshop 4</b>	
11:00	Break	

## Posttraumatic Conditions

Moderator: F. Soldado

11:30	TFCC Lesions	S. Farr
11:40	Missed Monteggia Fractures	G. Di Gennaro
11:50	Cubitus Varus and Valgus	E. Pontén
12:00	Elbow Instability	S. Martínez-Alvarez
12:15	Osteochondrosis Dissecans of the Elbow	S. Farr
12:25	Discussion	

## Tumor & Miscellaneous

Moderator: E. Pontén

12:45	Common Hand Tumors	A. Jester
12:55	Compartment Syndrome – How to Treat	C. Steiger
13:05	Microsurgical Options in Pediatric Hand Surgery – Part I	N. Catena
13:15	Microsurgical Options in Pediatric Hand Surgery – Part II	F. Soldado
13:25	Occupational Therapy and Splinting	D. Taurok
13:35	Lunch	

## Case Discussions

Moderator: C. Steiger

14:30	Case Presentations of the Participants	
16:00	Adjourn	

## Future EPOS BAT Trilogy courses

### **EPOS ADVANCED – CADAVER LAB COURSE**

Geneva, Switzerland | 16-17 January 2020

Hip Surgery: from Infancy to Young Adulthood

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### **6<sup>th</sup> EPOS BAT IC Trilogy**

Vienna, Austria | 11-13 March 2020

Basic II

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### **39<sup>th</sup> EPOS Annual Meeting**

Porto, Portugal | 1-4 April 2020

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### **EPOS ADVANCED COURSE** (in collaboration with ESMAC)

Vienna, Austria | 6-8 May 2020

Motion Analysis for Pediatric Orthopaedic Surgeons

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### **EPOS ADVANCED COURSE**

Vienna, Austria | 19-20 November 2020

Complex Pediatric Spine Deformities

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## Course fees

### Early registration fees\*\*

(valid until 03 November 2019)

#### Participants

EUR 350.00

#### EPOS members\*

EUR 250.00

#### Residents\*

EUR 200.00

### Late registration fees

(as of 04 November 2019)

€ On-site registration fees

#### Participants

EUR 400.00

#### EPOS members\*

EUR 300.00

#### Residents\*

EUR 250.00

\* Proof of status mandatory

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

## Course language

English – no translation

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## CME Credits

Application under process

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## Opening hours

Friday, 29 November 07:30-19:00

Saturday, 30 November 07:45-16:30

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## Contact

EPOS Central Office

[courses@epos.org](mailto:courses@epos.org)

+41 (0) 21 822 09 25

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## Venue

Orthopaedic Hospital Speising

Speisinger Strasse 109

1130 Vienna

Austria

Auditorium: Prof. Spitzzy-Auditorium



**Orthopädisches  
Spital Speising**

Wien

# Faculty

## Faculty

Nunzio Catena, Cesare Arrigo Children's Hospital, Alessandria, Italy

Giovanni L. Di Gennaro, Rizzoli Institute, Bologna, Italy

Andrea Jester, Birmingham Children's Hospital, United Kingdom

Sergio Martinez-Alvarez, Hospital Infantil Universitario Niño Jesús, Madrid, Spain

Eva Pontén, Karolinska Institute, Stockholm, Sweden

Francisco Soldado, Vall Hebron Hospital Campus, Barcelona, Spain

Christina Steiger, University Hospital Geneva, Switzerland

Doris Taurok, Orthopedic Hospital Speising, Vienna, Austria

## Course Programme Committee

Sebastian Farr, *Course Chair*

Rudolf Ganger, *Local host*

Federico Canavese, *EPOS Educational Committee Chairman*

Thomas Wirth, *EPOS President 2019-2020*

## Organization of workshop stations (4 groups)

Station 1	SAW BONE 1	C. Steiger N. Catena
Station 2	SAW BONE 2	G. Di Gennaro S. Martínez-Alvarez
Station 3	Prosthesis Lab (Peromelia)	S. Farr F. Soldado
Station 4	Research: Outcome measures (PROMIS) for pediatric hand surgery	A. Jester E. Pontén