

## EPOS BAT Advanced Course

Vienna, Austria: 25-26 November 2022



## 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
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- Theoretical Lectures
  - Practical Workshops
  - Techniques in Upper Extremity Surgery
  - Tips and Tricks in Pediatric Hand



# Welcome



Nunzio Catena



Sebastian Farr



Ignacio Sanpera

Dear Colleagues,

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

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 and upper extremity surgery in all its aspects. This includes theoretical lectures, workshops, a tip and trick session in pediatric hand 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 and how knowing the basic principle of classification, diagnosis and treatment could help you in managing these children.

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 straightforward 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,

Handwritten signature of Nunzio Catena in black ink.

Nunzio Catena

Course Chair

Handwritten signature of Sebastian Farr in black ink.

Sebastian Farr

EPOS Educational  
Committee Chairman  
2022-2025

Handwritten signature of Ignacio Sanpera in black ink.

Ignacio Sanpera

EPOS President  
2022-2023

# Program

Friday 25 November

Thursday 24 November  
at Orthopaedic Hospital Speising

16:00-18:00 Registration

Schedule	Topic	Faculty
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07:30	Registration	
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08:30	Welcome and opening remarks	
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## Basics & Congenital Malformations I

Moderator: F. Soldado

09:00	Clinical Assessment of the Pediatric Upper Limb – What is Important?	E. Pontén
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09:10	Simple and Complex Syndactyly	A. Jester
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09:25	Trigger Thumb and Trigger Finger	M. Carvalho
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09:35	Radial Polydactyly	A. Sommarhem
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09:50	Central and Ulnar Polydactyly	C. Steiger
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10:00	Thumb Hypoplasia/Aplasia	N. Catena
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10:15	Discussion	
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10:30	Break	
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11:00	Workshop 1	
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## Congenital Malformations II

Moderator: S. Farr

12:00	Macroductyly	C. Steiger
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12:10	Amniotic Band Syndrome and Aphalangia	F. Soldado
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12:20	Clinodactyly and Camptodactyly	A. Sommarhem
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12:30	Radial Longitudinal Deficiency	S. Farr
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12:40	Ulnar Longitudinal Deficiency	N. Catena
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12:50	Discussion	
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13:10	Lunch	
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## Congenital Malformations III

Moderator: N. Catena

14:30	Congenital Radioulnar Synostosis	S. Farr
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14:40	Congenital Radial Head Dislocation	M. Carvalho
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14:50	Sprengel Deformity	F. Soldado
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15:00	Discussion	
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15:10	Workshop 2	
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# Program

Friday 25 November

Schedule Topic

Faculty

## Neuromuscular & Syndromic Conditions

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	N. Catena
16:50	Arthrogryposis	S. Martínez-Alvarez
17:00	Madelung Deformity	S. Farr
17:10	Multiple Hereditary Exostoses	M. Carvalho
17:20	Discussion	
17:45	Workshop 3	
18:45	End of the day	

# Program

Saturday 26 November

Schedule Topic

Faculty

## Upper Limb Trauma in Children and Adolescents

Moderator: S. Martínez-Alvarez

08:15	Finger and Metacarpal Fractures	C. Steiger
08:25	Carpal Fractures	A. Jester
08:35	Distal Radius Fractures	E. Pontén
08:50	Forearm Fractures	M. Carvalho
09:00	Elbow TRASH injuries	S. Martínez-Alvarez
09:10	Supracondylar Humerus Fractures	A. Sommarhem
09:25	Proximal Humerus and Humerus Shaft Fractures	E. Pontén
09:40	Discussion	

10:00 **Workshop 4**

11:00 Break

## Posttraumatic Conditions

Moderator: S. Martinez-Alvarez

11:40	Missed Monteggia Fractures	N. Catena
11:50	Cubitus Varus and Valgus	F. Soldado
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
13:00	Compartment Syndrome – How to Treat	C. Steiger
13:10	Microsurgical Options in Pediatric Hand Surgery	F. Soldado
13:20	Discussion	
13:35	Lunch	

# Program

Saturday 26 November

Schedule Topic

Faculty

## Tips and Tricks in Pediatric Hand

Moderator: C. Steiger

14:30	How to reconstruct a nerve gap	N. Catena
14:40	How to perform your best pollicization	S. Martínez-Alvarez
14:50	Choosing the ideal flap for web reconstruction in syndactyly	A. Sommarhem
15:00	Open reduction of supracondylar humeral fracture: which approach?	F. Soldado
15:10	How to plan a bone lengthening in upper extremity	S. Farr
15:20	Discussion	
15:40	End of the day	

# Information

## Future Courses

### **EPOS Advanced Course**

#### **Lower Limb Deformity Course**

Vienna, Austria | 27-28 January 2023

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### **7<sup>th</sup> EPOS BAT INSTRUCTIONAL COURSE TRILOGY**

#### **Part II**

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

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### **EPOS ADVANCED COURSE**

#### **Pediatric Spine Surgery**

Vienna, Austria | 11-12 May 2023

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### **7<sup>th</sup> EPOS BAT INSTRUCTIONAL COURSE TRILOGY**

#### **Part III**

Vienna, Austria | October 2023

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# Information

## Course fees (incl. 10% VAT)

### Early registration\*

(valid until 31 October 2022)

Participants

EUR 450.00

EPOS members\*\*

EUR 350.00

Residents\*\*

EUR 300.00

### Late registration fees

(As of 1st of November 2022)

Participants

EUR 550.00

EPOS members\*\*

EUR 450.00

Residents\*\*

EUR 400.00

## Course language

English – no translation

## CME Credits



In the process.

## Opening hours

Thursday 24 November 16:00-18:00

Friday 25 November 07:30-19:00

Saturday 26 November 07:45-16:00

## Contact

EPOS Central Office

[courses@epos.org](mailto: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

Marcos Carvalho, Portugal  
Nunzio Catena, Italy  
Sebastian Farr, Austria  
Andrea Jester, UK  
Sergio Martínez-Alvarez, Spain  
Eva Pontén, Sweden  
Francisco Soldado, Spain  
Antti Sommarhem, Finland  
Christina Steiger, Switzerland

## Scientific Committee:

Nunzio Catena	Course Co-Chair
Sebastian Catena	Course Co-Chair