

## EPOS BAT Advanced Course Helsinki, Finland: 25–26 June 2026



## Paediatric Hand & Upper Extremity Surgery

### Highlights

- Congenital Malformations of the Upper Extremity
- Trauma in Children and Adolescents
- Posttraumatic Conditions
- Neuromuscular and Syndromic Conditions
- Tumour
- Microsurgery
- Techniques in Upper Extremity Surgery
- Tips and Tricks in Paediatric Hand

### Methods of education

- Theoretical lectures
- Practical workshops

# Welcome

Dear Colleagues,

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

The hand and upper extremity are 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 paediatric hand and upper extremity surgery in all its aspects. This includes theoretical lectures, workshops, a tips and tricks session in paediatric hand and case discussions on relevant topics including congenital malformations, trauma, posttraumatic conditions, syndromes, neuromuscular conditions (CP, BPBI) and many more.

If 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 paediatric 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 program and look forward to your participation.

Yours,



Yrjänä Nietosvaara  
Course Chair

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Cristina Alves  
EPOS Education  
Committee Chair  
2025-2028

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Petra Grahn  
Local host

A black ink signature of Petra Grahn.



Ralph J.B. Sackers  
EPOS President  
2026-2027

A black ink signature of Ralph J.B. Sackers.

# Programme

Thursday 25 June

Schedule	Topic	Faculty
07:30	Registration	
08:30	Welcome and opening remarks	Y. Nietosvaara P. Grahn

## Basics & Congenital Malformations I

Moderators: F. Soldado and E. Ponten

08:40	Embryology of the Upper Limb	L. Perez-Lopez
08:50	Classification and Prenatal Diagnosis - Is it Feasible?	A. Jester
09:00	Clinical Assessment of the Paediatric Upper Limb – What is Important?	C. Steiger
09:10	Simple and Complex Syndactyly	P. Grahn
09:25	Trigger Thumb and Trigger Finger	M. Carvalho
09:35	Radial Polydactyly	S. Martinez-Alvarez
09:50	Central and Ulnar Polydactyly	C. Steiger
10:00	Thumb Hypoplasia/Aplasia	N. Catena
10:10	Cleft Hand and Symbrachydactyly	L. Perez-Lopez
10:25	Discussion	
10:45	Coffee break	
11:00	Industry-sponsored workshop 1	

## Congenital Malformations II

Moderators: S. Martinez-Alvarez and Y. Nietosvaara

12:00	Macroductyly	A. Jester
12:10	Amniotic Band Syndrome and Aphyalangia	F. Soldado
12:20	Clinodactyly and Camptodactyly	L. Perez-Lopez
12:30	Radial Longitudinal Deficiency	P. Grahn
12:40	Ulnar Longitudinal Deficiency	N. Catena
12:50	Discussion	
13:10	Lunch	

## Congenital Malformations III

Moderators: E. Ponten and P. Grahn

14:30	Congenital Radioulnar Synostosis	S. Farr
14:40	Congenital Radial Head Dislocation	M. Carvalho
14:50	Sprengel Deformity	F. Soldado
15:00	Congenital Pseudoarthrosis of the Clavicle	L. Perez-Lopez
15:10	Industry-sponsored workshop 2	

# Programme

Thursday 25 June

Schedule	Topic	Faculty
<b>Neuromuscular &amp; Syndromic Conditions</b>		
Moderators: A. Jester and N. Catena		
16:10	Cerebral Palsy – Basics and Techniques	E. Ponten
16:30	Brachial Plexus Birth Injury – Basics	P. Grahn
16:40	Brachial Plexus Birth Injury – Treatment	Y. Nietosvaara
16:50	Arthrogryposis	E. Ponten
17:00	Madelung Deformity	S. Farr
17:10	Multiple Hereditary Exostoses	M. Carvalho
17:20	Discussion	
17:45	Industry-sponsored workshop 3	
18:45	End of day 1	

# Programme

Friday 26 June

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

Moderators: E. Ponten and L. Perez-Lopez

08:15	Finger and Metacarpal Fractures	C. Steiger
08:25	Carpal Fractures	F. Soldado
08:35	Distal Radius Fractures	S. Martinez-Alvarez
08:50	Forearm Fractures	M. Carvalho
09:00	Elbow TRASH Injuries	K. Zilliacus
09:10	Supracondylar Humerus Fractures	Y. Nietosvaara
09:25	Proximal Humerus and Humerus Shaft Fractures	E. Ponten
09:40	Discussion	

10:00	Industry-sponsored workshop 4	
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11:00	Break	
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## Posttraumatic Conditions

Moderators: P. Grahn and M. Carvalho

11:30	TFCC Lesions	S. Farr
11:40	Missed Monteggia Fractures	K. Zilliacus
11:50	Cubitus Varus and Valgus	N. Catena
12:00	Elbow Instability	S. Martinez-Alvarez
12:15	Osteochondrosis Dissecans of the Elbow	Y. Nietosvaara
12:25	Discussion	

## Tips and Tricks in Paediatric Hand

S. Farr and L. Perez-Lopez

12:40	How to Plan a Bone Lengthening in Upper Extremity	S. Farr
12:50	How to Reconstruct a Nerve Gap	N. Catena
13:00	Microsurgical Options in Paediatric Hand Surgery	F. Soldado
13:10	How to Perform Your Best Pollicisation	S. Martinez-Alvarez
13:20	Discussion	

13:30	Lunch	
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14:30	How to Perform Your Best Pollicisation	A. Jester
14:40	Choosing the Ideal Flap for Web Reconstruction in Syndactyly	P. Grahn
14:50	Discussion	

# Programme

Friday 26 June

Schedule	Topic	Faculty
<b>Tumour &amp; Miscellaneous</b>		
Moderators: K. Zilliacus and C. Steiger		
14:55	Compartment Syndrome – How to Treat	C. Steiger
15:05	Common Hand Tumours	A. Jester
15:15	Open Reduction of Supracondylar Humeral Fracture: Which Approach?	Y. Nietosvaara
15:25	Occupational Therapy in Congenital Upper Limb Differences	S. Rautakorpi
15:30	Discussion	
15:45	End of day 2	

## Course fees

### Early registration\*

(Valid until Sunday 31 May 2026 23:59 CET)

Participants	€540.00
EPOS Members**	€420.00
Residents**	€360.00

### Late registration

(Valid as of Monday 1 June 2026)

Participants	€660.00
EPOS Members**	€540.00
Residents**	€480.00

## Registration fees include

- Participation in all course educational activities
- Lunches & coffee breaks

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

## Cancellation policy

- More than 4 weeks prior to the starting date: An administrative fee of 100 EUR will be charged.
- Less than 1 month prior the starting date: 50% of the paid registration fee will be charged.
- 2 weeks prior the starting date: 100% of the paid registration fee will be charged and no reimbursements will be made.

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

\*\* Proof needs to be uploaded depending on the registration category chosen

## Course language

English – no translation

## Opening hours

Thursday 25 June: 07:30–19:00  
Friday 26 June: 07:45–16:00

## Contact

EPOS Central Office  
[courses@epos.org](mailto:courses@epos.org)

## Contact

Meilahti Bridge Hospital (Siltasairaala)  
Haartmaninkatu 4  
00290 Helsinki  
Finland

Auditorium: Töölö

## Course Faculty

- Marcos Carvalho, Portugal
- Nunzio Catena, Italy
- Sebastian Farr, Austria
- Petra Grahm, Finland
- Andrea Jester, UK
- Sergio Martinez-Alvarez, Spain
- Laura M. Perez-Lopez, Spain
- Yrjänä Nietosvaara, Finland
- Eva Ponten, Sweden
- Xesco Soldado, Spain
- Christina Steiger, Switzerland
- Kaj Zilliacus, Finland
- Sanna Rautakorpi, Finland

## Course Programme Committee

- Yrjänä Nietosvaara, Course chair
- Petra Grahm, Local host
- Cristina Alves, EPOS Education Committee Chair
- Ralph J.B. Sakkers, EPOS President 2026-2027

# Upcoming Events

## Future EPOS Educational Events:

EPOS BAT ADVANCED COURSE  
Genetic & Metabolic Bone Diseases  
Bologna, Italy | 17–18 September 2026

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9<sup>th</sup> EPOS BAT INSTRUCTIONAL COURSE TRILOGY  
Part III  
Vienna, Austria | 25–27 November 2026

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Advanced Cadaver Lab Spine Course  
Utrecht, Netherlands | January 2027

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10<sup>th</sup> EPOS BAT INSTRUCTIONAL COURSE TRILOGY  
PART I  
10–12 March 2027

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EPOS BAT ADVANCED COURSE  
Neuromuscular Course  
10–11 June 2027

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EPOS BAT ADVANCED COURSE  
Pediatric Polytrauma and Complex Trauma  
7–8 October 2027

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10<sup>th</sup> EPOS BAT INSTRUCTIONAL COURSE TRILOGY  
Part II  
17–19 November 2027

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10<sup>th</sup> EPOS BAT INSTRUCTIONAL COURSE TRILOGY  
Part III  
March 2028

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EPOS BAT Arthroscopic Cadaver Lab Course  
June 2028

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EPOS BAT ADVANCED COURSE  
Trauma Course  
September 2028

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11<sup>th</sup> EPOS BAT INSTRUCTIONAL COURSE TRILOGY  
Part I  
November 2028

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# Workshops

## Industry-sponsored workshops

Station	Workshop	Faculty
1	Forearm shaft fracture: casting techniques	Yrjänä Nietosvaara Eva Ponten Sergio Martinez
2	Forearm shaft and proximal radius fractures: flexible intramedullary nailing	Marcos Carvalho Christina Steiger Laura M. Perez-Lopez
3	Syndactyli separation and web-reconstruction techniques	Andrea Jester Petra Grahn Xesco Soldado
4	Clinical evaluation of the upper limb in children and case presentations	Kaj Zilliacus Sebastian Farr Nunzio Catena

Workshops schedule and content subject to last-minute changes.

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