

## 6<sup>th</sup> EPOS BAT Instructional Course

Vienna, Austria: 16-18 October 2019



### Trilogy Course Part II - Paediatric Trauma Course

- Characteristics, Assessment and General Treatment Principles of Fractures in Children
- Treatment of Specific Trauma Conditions in Children
- Upper Extremity Fractures in Children
- Lower Extremity Fractures in Children
- Basic Spine Trauma
- Sports Injuries in Children
- Theoretical Lectures
- Controversial Issues
- Techniques in Paediatric Orthopaedics
- Case Discussions
- Workshops



# Welcome



Rudolf Ganger



Federico Canavese



Thomas Wirth

Dear Colleagues,

It is a pleasure to invite you to the 6<sup>th</sup> EPOS BAT Instructional Course Trilogy, an integral part of the EPOS Educational Program. The EPOS Educational Committee has set up the “BAT (Basic, Advanced & Traumatology) Educational Program”.

The program meets the requirements set by the European Federation of National Associations of Orthopaedics and Traumatology (EFORT) and European Board of Orthopaedics and Traumatology (EBOT). Three consecutive courses including two basics and one trauma cover the core curriculum education in Children's Orthopaedics. Thirteen courses were held between May 2011 and March 2019 and more than 300 physicians from over 40 countries completed the core curriculum education in Children's Orthopaedics by attending three consecutive courses.

The course is aimed at residents who want to improve their knowledge in Children's Orthopaedics and also general Orthopaedic Surgeons, particularly young ones, who want to refresh their knowledge. The scientific content should encourage a greater understanding of Children's Orthopaedics via a problem-solving approach to the diagnosis and management of orthopaedic conditions in children informed by relevant research evidence. Teaching faculties are composed of internationally recognized experts in Children's Orthopaedics from all over Europe.

The second part of the BAT course trilogy is the “Trauma Course” and includes theoretical lectures, debates, techniques in paediatric orthopaedics, case discussions and workshops concerning characteristics, assessment and treatment principles of fractures, treatment of specific trauma conditions, upper and lower extremity fractures and sports injuries in children.

Treatment innovations are often as a result of collaboration between clinicians and industry and our industry partners contribute significantly to the educational content of these courses.

We invite orthopaedic surgeons and residents to the Orthopaedic Hospital Speising in Vienna in October 2019. We will do our utmost to meet and exceed your expectations.

Yours,

Handwritten signature of Rudolf Ganger in black ink.

Rudolf Ganger

Local Host

Handwritten signature of Federico Canavese in black ink.

Federico Canavese

EPOS Educational  
Committee Chairman

Handwritten signature of Thomas Wirth in black ink.

Thomas Wirth

EPOS President 2019/2020

# Program

Wednesday 16 October

Tuesday 15 October  
at Orthopaedic Hospital Speising

16:00-18:00 Registration

Schedule	Topic	Faculty
07:00	Registration	
07:50	Opening and welcome	F. Canavese R. Ganger, T. Wirth

## Characteristics, Assessment and General Treatment Principles of Fractures in Children

Moderator: T. Wirth

08:00	Fracture healing	H. Ömeroglu
08:10	Epidemiology & prevention of fractures in children	M. Witbtek
08:20	Why fractures in children differ from those in adults?	J. Horn
08:35	Initial clinical and radiological assessment of an injured child	R. Ganger
08:50	Classification of fractures in children	H. Ömeroglu
09:00	Discussion	

## Treatment of Specific Trauma Conditions-1

Moderator: F. Canavese

09:10	General principles of fracture treatment in children	P. Lascombes
09:25	<a href="#">Techniques in Paediatric Orthopaedics:</a> Casts for children's fractures	D. Farrington
09:35	The role of an orthopaedic surgeon in a child with polytrauma	P. Journeau
09:50	Treatment principles of open fractures	A. M. Weinberg
10:05	Discussion	
10:15	Break	

## Treatment of Specific Trauma Conditions-2

Moderator: J. Horn

10:35	Compartment syndrome	T. Wirth
10:45	Treatment principles of physeal fractures and their sequelae	P. Lascombes
11:00	Fractures in weak bone	F. Canavese
11:10	Child abuse	P. Journeau
11:20	Discussion	
11:30	<a href="#">Workshop Rotation System 1</a>	
12:30	Lunch with "Interactive Case Discussion" from 12:45-13:25	A. Andreacchio F. Canavese

# Program

Wednesday 16 October

Schedule	Topic	Faculty
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## Shoulder and Arm

Moderator: R. Ganger

13:40	Clavicle fractures/dislocations	M. Witbreuk
13:55	Humerus proximal fractures	F. Canavese
14:05	Humerus shaft fractures	A. Andreacchio
14:15	<a href="#">Techniques in Paediatric Orthopaedics:</a> FIN of humerus shaft fractures	T. Wirth
14:20	Discussion	

## Elbow-1

Moderator: A. Andreacchio

14:30	Humerus supracondylar fractures: Etiology, classification, assessment, treatment principles <a href="#">Controversial Issue:</a> Pin configuration in humerus supracondylar fractures	A. M. Weinberg
14:50	Medial-lateral cross pinning is better	D. Farrington
14:55	All lateral pinning is better	H. Ömeroglu
15:00	Humerus supracondylar fractures; Management of short-term and long-term complications	P. Journeau
15:15	Discussion	
15:30	Break	
15:50	<a href="#">Workshop Rotation System 2</a>	

## Elbow-2

Moderator: D. Farrington

17:00	Humerus lateral condyle, distal physeal and T-condylar fractures	C. Alves
17:15	Humeroulnar dislocations, medial epicondyle fractures, nursemaid's elbow	A. Andreacchio
17:30	Radial head/neck and olecranon fractures	F. Canavese
17:40	Discussion	
17:55	End of the day	
20:00	Course dinner	

# Program

Thursday 17 October

Schedule	Topic	Faculty
<b>Forearm, Wrist and Hand</b>		
Moderator: P. Lascombes		
08:00	Radius and ulna shaft fractures	T. Wirth
08:15	Acute and neglected Monteggia fracture-dislocation	F. Accadbled
08:25	<b>Techniques in Paediatric Orthopaedics:</b> FIN of forearm fractures	P. Journeau
08:35	Radius and ulna distal fractures	C. Alves
08:50	<b>Controversial Issue:</b> Completely displaced radius distal metaphyseal fractures in older children and adolescents Casting first (5 min.) Pinning first (5 min.)	M. Witbreuk D. Farrington
09:00	Hand fractures	A.M. Weinberg
09:15	Discussion	
09:30	<b>Workshop Rotation System 3</b>	
10:30	Break	
<b>Pelvis, Hip and Thigh</b>		
Moderator: M. Witbreuk		
10:50	Pelvis fractures	A. M. Weinberg
11:10	Femur proximal fractures	H. Ömeroglu
11:20	Femur shaft fractures	J. Horn
11:35	<b>Techniques in Paediatric Orthopaedics:</b> FIN of femur shaft fractures	P. Lascombes
11:45	<b>Controversial Issue:</b> Femur shaft fractures around 5 years of age Early spica cast first (5 min.) FIN first (5 min.)	H. Ömeroglu P. Journeau
11:55	Femur distal fractures	J. Horn
12:10	Discussion	
12:25	Lunch with "Interactive Case Discussion" from 12:40-13:20	A. Andreacchio F. Canavese

# Program

Thursday 17 October

Schedule	Topic	Faculty
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## Pelvis, Hip and Thigh

13:35	Workshop Rotation System 4	
14:35	Case Presentations by the participants (Upper Limb Trauma)	A. M. Weinberg
15:35	Break	

## Leg, Ankle and Foot

Moderator: H. Ömeroglu

15:55	Tibia proximal and patella fractures	J. Horn
16:05	Tibia shaft fractures	T. Wirth
16:20	Tibia and fibula distal fractures	F. Canavese
16:35	Foot fractures	A.M.Weinberg
16:50	Discussion	
17:05	Case Presentations by the participants (Lower Limb Trauma)	P. Journeau
18:05	End of the day	

# Program

Friday 18 October

Schedule	Topic	Faculty
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## Basic Spine injuries

Moderator: P. Journeau

08:00	Lesions of the Cervical Spine	P. Lascombes
08:15	Thoraco-lumbar fractures and SCIWORA	D. Farrington
08:30	Discussion	

## Sports Injuries in Children-1

Moderator: F. Accadbled

08:40	Epidemiology and prevention of sports injuries in children	C. Alves
08:50	Common overuse injuries in children	P. Lascombes
09:05	Discussion	
09:15	Workshop Rotation System 5	
10:15	Break (including course picture)	

## Sports Injuries in Children-2

Moderator: C. Alves

10:40	Meniscal injuries and discoid lateral meniscus	F. Accadbled
10:55	Ligamentous injuries of the knee	F. Accadbled
11:10	Osteochondritis dissecans	P. Journeau F. Accadbled
11:20	Patellofemoral instabilities	F. Accadbled
11:30	Discussion	
11:40	Workshop Rotation System 6	
12:40	Take Home Messages & Trilogy Diplomas Closing Remarks	F. Canavese T. Wirth
13:00	End of the course	

## General information

- The programme is subject to change.
- The number of participants is limited to 150. Registration process will be handled in "first-come, first-served" rule.
- All registered participants are asked to bring their original cases for presentation in the recommended format.
- Please note that attendees are responsible for making their own travel and accommodation arrangements.
- An electronic course syllabus including the abstracts of the lectures will be sent to the registered attendees prior to the course by e-mail.

# Events

## EPOS Events

### **EPOS ADVANCED COURSE**

Pediatric Hand and Upper Extremity Surgery

Vienna, Austria | 29-30 November 2019

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### **EPOS ADVANCED - CADAVER LAB COURSE**

Hip Surgery: from Infancy to Young Adulthood

Geneva, Switzerland | 16-17 January 2020

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

Motion Analysis for Pediatric Orthopaedic Surgeons

Vienna, Austria | 6-8 May 2020

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### **EPOS ADVANCED COURSE**

Complex Pediatric Spine Deformities

Vienna, Austria | 19-20 November 2020

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## Future EPOS BAT Trilogy Courses

### **6<sup>th</sup> EPOS BAT IC Trilogy (Part 3)**

Basic II

Vienna, Austria | 11-13 March 2020

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### **7<sup>th</sup> EPOS BAT IC Trilogy (Part 1)**

Basic I

Vienna, Austria | 21-23 October 2020

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### **7<sup>th</sup> EPOS BAT IC Trilogy (Part 2)**

Trauma

Vienna, Austria | 17-19 March 2021

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# Information

## Course fees

### Early registration\*

(valid until 01 September 2019)

**Participants**

EUR 420.00

**EPOS members\*\***

EUR 320.00

**Residents\*\***

EUR 270.00

### Late registration fees

(02 September-12 October 2019)

**Participants**

EUR 440.00

**EPOS members\*\***

EUR 340.00

**Residents\*\***

EUR 290.00

### On-site registration

**Participants**

EUR 460.00

**EPOS members\*\***

EUR 360.00

**Residents\*\***

EUR 310.00

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

\*\* Proof of status mandatory

## Course language

English – no translation

## CME Credits

Application under process

## Opening hours

Tuesday, 15 October 16:00-18:00

Wednesday, 16 October 07:00-18:00

Thursday, 17 October 07:00-18:00

Friday, 18 October 07:45-13:30

## Contact

EPOS Central Office

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

+41 (0) 21 822 09 25

## Venue

Orthopaedic Hospital Speising

Speisinger Strasse 109

1130 Vienna

Austria

Auditorium: Prof. Spitzzy-Auditorium



**Orthopädisches  
Spital Speising**

Wien

Registration fees include participation to all course educational activities, course syllabus, lunch and coffee breaks during the course, and course dinner on Wednesday, 16 October 2019 (all Faculty will attend).

# Faculty

## Course Faculty

Franck Accadbled	Toulouse University Center Hospital, Toulouse, France
Cristina Alves	Coimbra Pediatric Hospital, Coimbra, Portugal
Antonio Andreacchio	Regina Margherita Children's Hospital, Turin, Italy
Federico Canavese*	Estaing University Hospital, Clermont Ferrand, France
David Farrington*	Virgen del Rocio University Hospital, Sevilla, Spain
Rudolf Ganger*	Orthopaedic Hospital Speising, Vienna, Austria
Joachim Horn*	Oslo University Hospital, Oslo, Norway
Pierre Journeau*	Nancy University Center Hospital, Nancy, France
Pierre Lascombes	Geneva University Hospital, Geneva, Switzerland
Hakan Ömeroglu	TOBB Economy & Technology University Hospital, Ankara, Turkey
Annelie-Martina Weinberg	Graz Medical University Hospital, Graz, Austria
Thomas Wirth*	Olga Hospital, Stuttgart, Germany
Melinda Witbreuk*	Amsterdam UMC, Netherlands

## Course Programme Committee

Federico Canavese	Course Program Coordinator, EPOS Educational Committee Chairman
Thomas Wirth*	EPOS President 2019/2020
Rudolf Ganger *	Local Host, EPOS Lower Limb Study Group Chairman

\*EPOS Educational Committee Members

## Workshop Rotation System\*\*

Station 1	Femur intramedullary nailing (FIN and trochanteric entry nail); <i>Supported by Orthopediatrics</i>	P. Journeau A. Andreacchio J. Horn
Station 2	Humerus supracondylar fracture pinning and forearm fracture plating; <i>Supported by Orthopediatrics</i>	D. Farrington M. Witbreuk T. Wirth
Station 3	FIN of long bone fractures; <i>Supported by Orthofix</i>	P. Lascombes H. Omeroglu R. Ganger
Station 4	Knee Arthroscopy Simulator & Sports Case Discussion; <i>Supported by Virtamed</i>	F. Accadbled M. Pallamar A.M. Weinberg
Station 5	Research methods	F. Canavese C. Alves

\*\* Workshop program/faculty is subject to change