

## 4th EPOS–EFORT BAT INSTRUCTIONAL COURSE TRILOGY



### Part III; Paediatric Orthopaedics Basic II

Orthopaedic Hospital Speising, Vienna–Austria  
8–10 March 2017

- Neuromuscular Disorders
- Disorders of the Spine
- Disorders of the Upper limb
- Bone Tumors
- Disorders of the Knee
- Musculoskeletal Infections
- Theoretical Lectures
- Techniques in Paediatric Orthopaedics
- Controversial Issues
- Case Discussions
- Workshops

# Welcome Message



Rudolf Ganger



Hakan Ömeroglu

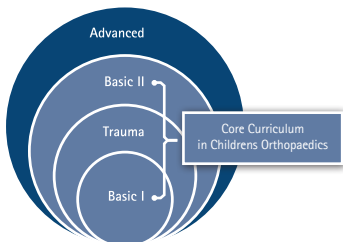


Manuel Cassiano Neves

Dear Colleagues,

It is a pleasure to invite you to the 4th EPOS-EFORT BAT Instructional Course Trilogy, an integral part of the EPOS Educational Programme. The EPOS Educational Committee has set up the "BAT (Basic, Advanced & Traumatology) Educational Programme". The programme 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. Eleven courses were held between 2011 and 2016 and the one that will be held between 8 and 10 March March 2017 will be the last course of the fourth trilogy.

Educational Programme in Childrens Orthopaedics



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 third part of the BAT course trilogy is the "Paediatric Orthopaedics Basic II Course" and includes theoretical lectures, debates, techniques in paediatric orthopaedics, case discussions and workshops concerning neuromuscular, spine, upper limb and knee disorders as well as bone tumors and musculoskeletal infections 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 March 2017. We will do our utmost to meet and exceed your expectations.

Yours,

Rudolf Ganger  
Local Host

Hakan Ömeroglu  
EPOS Educational  
Committee Chairman

Manuel Cassiano Neves  
EPOS President 2016/2017

## Scientific Committee

Manuel Cassiano Neves	EPOS President, EFORT Past President
Bjarne Møller-Madsen	EPOS Past President, EFORT Speciality Society Standing Committee Chairman
Hakan Ömeroglu	Course Program Coordinator, EPOS Educational Committee Chairman, EPOS Executive Committee Member
Rudolf Ganger	Local Host, EPOS Educational Committee Member

## Course Faculty

Cristina Alves	Coimbra Pediatric Hospital, Coimbra / Portugal
Manuel Cassiano Neves	Hospital CUF Descobertas, Lisbon / Portugal
Sebastian Farr	Orthopaedic Hospital Speising, Vienna / Austria
Rudolf Ganger	Orthopaedic Hospital Speising, Vienna / Austria
Werner Girsch	Orthopaedic Hospital Speising, Vienna / Austria
Ilkka Helenius	Turku University Hospital, Turku / Finland
Andreas Kranzl	Orthopaedic Hospital Speising, Vienna / Austria
Guy Molenaers	Leuven University Hospital, Leuven / Belgium
Bjarne Møller-Madsen	Aarhus University Hospital, Aarhus / Denmark
Dror Ovadia	Dana Children's Hospital, Tel Aviv / Israel
Hakan Ömeroglu	TOBB Economy and Technology University Hospital, Ankara / Turkey
Manoj Ramachandran	Royal London Hospital, London / UK
Ignacio Sanpera	Son Espases University Hospital, Palma de Mallorca / Spain
Elke Viehweger	Marseille University La Timone Hospital, Marseille / France
Thomas Wirth	Olga Hospital, Stuttgart / Germany

# Preliminary Program

## 7 March 2017 Tuesday

16:00–18:00 Registration (Orthopaedic Hospital Speising)

## 8 March 2017 Wednesday

08.00 Opening and Welcome

H.Ömeroglu, R.Ganger, M.Cassiano Neves

### Neuromuscular Disorders / Cerebral Palsy

H.Ömeroglu

08.10 Definition, classification and clinical examination G.Molenaers

08.25 Principles of gait analysis A.Kranzl

08.35 How a CP patient is properly treated? G.Molenaers

08.45 Non-surgical treatment E.Viehweger

08.55 Surgical treatment of upper limb problems S.Farr

09.05 Surgical treatment of lower limb problems G.Molenaers

09.20 Discussion

### 09.35 Workshop Rotation System

10.50 Break

### Neuromuscular Disorders / Lower Motor Neuron Paralysis

B.Møller-Madsen

11.10 Common features of lower motor neuron paralysis G.Molenaers

11.20 Myelomeningocele M.Cassiano Neves

11.35 Muscle dystrophies, HMSN H.Ömeroglu

11.45 Discussion

### 12.00 "Neuromuscular" Case Presentations by the Participants

G.Molenaers

12.30 Lunch

### Disorders of the Spine / Basic & Scoliosis

E.Viehweger

13.30 Development and growth D.Ovadia

13.40 Clinical examination and imaging I.Helenius

13.50 Idiopathic scoliosis D.Ovadia

14.10 *Techniques in Paediatric Orthopaedics;*  
Growing rod technique in EOS I.Helenius

14.15 Congenital scoliosis D.Ovadia

14.25 Discussion

### 14.40 Workshop Rotation System

# Preliminary Program

5 October 2016 Wednesday

15.55 Break

## Disorders of the Spine / Other

T.Wirth

16.15 Scheurmann's disease

D.Ovadia

16.25 Spondylolysis/spondylolisthesis

I.Helenius

16.35 Spine problems in neuromuscular disorders

E.Viehweger

16.45 Tumors and infections of the spine

I.Sanpera

16.55 Fractures of the spine

I.Helenius

17.05 Discussion

17.20 "Spine" Case Presentations  
by the Participants

D.Ovadia

17.50 End of the Day

20.00 Course Dinner

# Preliminary Program

9 March 2017 Thursday

## Disorders of the Upper Limb / Basic & Shoulder & Wrist

R.Ganger

08.10	Development and growth	M.Ramachandran
08.20	Clinical examination	C.Alves
08.30	Congenital malformations of the shoulder girdle	S.Farr
08.40	Brachial plexus birth palsy	W.Girsch
08.55	Congenital malformations of the elbow, forearm and wrist	S.Farr
09.15	Discussion	

## 09.30 Workshop Rotation System

10.45 Break

## Disorders of the Upper Limb / Hand

W.Girsch

11.05	Congenital malformations of the hand	I.Sanpera
11.25	<i>Techniques in Paediatric Orthopaedics;</i> Surgical treatment of syndactyly and polydactyly	S.Farr
11.30	Infections of the hand	C.Alves
11.40	Discussion	

## 11.55 "Upper Limb" Case Presentations by the Participants

S.Farr

12.25 Lunch

## 13.30 Bone Tumors

M.Cassiano Neves

13.30	Clinical aspects of bone tumors	T.Wirth
13.40	Radiological aspects of bone tumors	C.Alves
13.50	Basic treatment principles of bone tumors	E.Viehweger
14.00	Synopsis of common benign bone tumors in children	I.Sanpera
14.15	Synopsis of common malign bone tumors in children	E.Viehweger
14.25	Discussion	

## 14.40 Workshop Rotation System

15.55 Break

# Preliminary Program

6 October 2016 Thursday

16.15 "Bone Tumor" Case Presentations  
by the Participants

C.Alves

## Disorders of the Knee

I.Helenius

16.45 Development and growth

M.Ramachandran

16.55 Clinical examination

M.Cassiano Neves

17.05 Congenital knee and patella dislocations

T.Wirth

17.20 Idiopathic anterior knee pain

B.Møller-Madsen

17.30 Cystic lesions around the knee joint

T.Wirth

17.40 Discussion

17.55 End of the Day

# Preliminary Program

10 March 2017 Friday

## Musculoskeletal Infections / Septic Arthritis

R.Ganger

08.00 Epidemiology and etiology

C.Alves

08.10 Evaluation and differential diagnosis

M.Cassiano Neves

08.20 Treatment

M.Ramachandran

08.35 *Controversial Issue*; Drainage of septic hip arthritis

Needle aspiration

M.Cassiano Neves

Surgical

T.Wirth

08.45 Discussion

## Musculoskeletal Infections / Osteomyelitis and Other

B.Møller-Madsen

09.00 Acute and subacute osteomyelitis

R.Ganger

09.20 Chronic osteomyelitis

T.Wirth

09.30 Muscular and specific infections

M.Ramachandran

09.40 Discussion

## 09.55 Workshop Rotation System

11.10 Break

## 11.30 "Knee" Case Presentations by the Participants

M.Ramachandran

## 12.00 "Infection" Case Presentations by the Participants

I.Sanpera

## 12.30 Take Home Messages & Trilogy Diplomas & Closing Remarks

H.Ömeroglu,  
M.Cassiano Neves

## 13.00 End of the Course

### WORKSHOP ROTATION SYSTEM:

Station 1: Research Methods

B.Møller-Madsen, C.Alves

Station 2: Cannulated Blade Locking Hip Plate

M.Ramachandran, R.Ganger, H.Ömeroglu

Station 3: Distal Femoral Extension and

Tibial Derotation Plates

M.Cassiano Neves, T.Wirth, S.Farr

Station 4: Spinal Instrumentation

D.Ovadia, I.Sanpera, I.Helenius

Station 5: Gait Analysis Laboratory

G.Molenaes, E.Viehweger, A.Kranzl

- The number of participants is limited to 150. Registration process will be handled in "first-come, first-served" rule.
- The programme is subject to change.
- An electronic course syllabus will be sent to the participants prior to the course.
- The participants are asked to bring their original cases for discussion in the "case presentations by the participants session". The case presenters will be certified.
- The participants are responsible for making their own travel and accommodation arrangements.



# Information

## Course fees\*

Participants  
EUR 400.00

EPOS members  
EUR 300.00

Residents\*  
EUR 250.00

Dinner  
EUR 35.00

## Late registration fees (9 January – 6 March 2017)

Participants  
EUR 425.00

EPOS members\*  
EUR 325.00

Residents\*  
EUR 275.00

## On-site registration fees

Participants  
EUR 450.00

EPOS members\*  
EUR 350.00

Residents\*  
EUR 300.00

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

## Course language

English – no translation

## Credits

CME Accreditation ongoing

## Opening hours

Tuesday, March 7: 16:00–18:00

Wednesday, March 8: 07:15–18:00

Thursday, March 9: 08:00–18:00

Friday, March 10: 08:00–13:00

## Contact

EPOS Conference Organizers  
CAOS

batcourse@caos.nl

+31 20 589 3232

## Venue

Orthopaedic Hospital Speising  
Speisinger Strasse 109

1130 Vienna

Austria

Auditorium: Prof. Spitzky-Auditorium



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WIEN SPEISING

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## Dates of 5<sup>th</sup> Trilogy

Basic I 18–20 October 2017

Trauma 14–16 March 2018

Basic II 10–12 October 2018