



# 4<sup>th</sup> 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

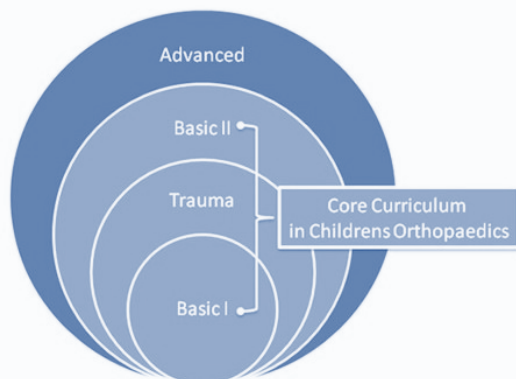
*Theoretical Lectures*  
*Techniques in Paediatric Orthopaedics*  
*Controversial Issues*  
*Case Discussions*  
*Workshops*

## WELCOME MESSAGE

Dear Colleagues,

It is a pleasure to invite you to the 4<sup>th</sup> EPOS-EFORT BAT Instructional Course Trilogy, an integral part of the EPOS-EFORT BAT 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

- 08.10 Definition, classification and clinical examination
- 08.25 Principles of gait analysis
- 08.35 How a CP patient is properly treated?
- 08.45 Non-surgical treatment
- 08.55 Surgical treatment of upper limb problems
- 09.05 Surgical treatment of lower limb problems
- 09.20 Discussion

H.Ömeroglu

G.Molenaers

A.Kranzl

G.Molenaers

E.Viehweger

S.Farr

G.Molenaers

09.35 Workshop Rotation System

10.50 Break

### Neuromuscular Disorders / Lower Motor Neuron Paralysis

- 11.10 Common features of lower motor neuron paralysis
- 11.20 Myelomeningocele
- 11.35 Muscle dystrophies, HMSN
- 11.45 Discussion

B.Møller-Madsen

G.Molenaers

M.Cassiano Neves

H.Ömeroglu

12.00 “Neuromuscular” Case Presentations by the Participants

G.Molenaers

12.30 Lunch

### Disorders of the Spine / Basic & Scoliosis

- 13.30 Development and growth
- 13.40 Clinical examination and imaging
- 13.50 Idiopathic scoliosis
- 14.10 *Techniques in Paediatric Orthopaedics*; Growing rod technique in EOS
- 14.15 Congenital scoliosis
- 14.25 Discussion

E.Viehweger

D.Ovadia

I.Helenius

D.Ovadia

I.Helenius

D.Ovadia

14.40 Workshop Rotation System

15.55 Break

### Disorders of the Spine / Other

- 16.15 Scheurmann’s disease
- 16.25 Spondylolysis/spondylolisthesis
- 16.35 Spine problems in neuromuscular disorders
- 16.45 Tumors and infections of the spine
- 16.55 Fractures of the spine
- 17.05 Discussion

T.Wirth

D.Ovadia

I.Helenius

E.Viehweger

I.Sanpera

I.Helenius

17.20 “Spine” Case Presentations by the Participants

D.Ovadia

17.50 End of the Day

20.00 Course Dinner

## 9 March 2017 Thursday

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

- 08.10 Development and growth
- 08.20 Clinical examination
- 08.30 Congenital malformations of the shoulder girdle
- 08.40 Brachial plexus birth palsy
- 08.55 Congenital malformations of the elbow, forearm and wrist
- 09.15 Discussion

**R.Ganger**  
M.Ramachandran  
C.Alves  
S.Farr  
W.Girsch  
S.Farr

### 09.30 Workshop Rotation System

### 10.45 Break

### Disorders of the Upper Limb / Hand

- 11.05 Congenital malformations of the hand
- 11.25 *Techniques in Paediatric Orthopaedics*; Surgical treatment of syndactyly and polydactyly
- 11.30 Infections of the hand
- 11.40 Discussion

**W.Girsch**  
I.Sanpera  
S.Farr  
C.Alves

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

S.Farr

### 12.25 Lunch

### 13.30 Bone Tumors

- 13.30 Clinical aspects of bone tumors
- 13.40 Radiological aspects of bone tumors
- 13.50 Basic treatment principles of bone tumors
- 14.00 Synopsis of common benign bone tumors in children
- 14.15 Synopsis of common malign bone tumors in children
- 14.25 Discussion

**M.Cassiano Neves**  
T.Wirth  
C.Alves  
E.Viehweger  
I.Sanpera  
E.Viehweger

### 14.40 Workshop Rotation System

### 15.55 Break

### 16.15 "Bone Tumor" Case Presentations by the Participants

C.Alves

### Disorders of the Knee

- 16.45 Development and growth
- 16.55 Clinical examination
- 17.05 Congenital knee and patella dislocations
- 17.20 Idiopathic anterior knee pain
- 17.30 Cystic lesions around the knee joint
- 17.40 Discussion

**I.Helenius**  
M.Ramachandran  
M.Cassiano Neves  
T.Wirth  
B.Møller-Madsen  
T.Wirth

### 17.55 End of the Day

## 10 March 2017 Friday

### Musculoskeletal Infections / Septic Arthritis

08.00	Epidemiology and etiology
08.10	Evaluation and differential diagnosis
08.20	Treatment
08.35	<i>Controversial Issue</i> ; Drainage of septic hip arthritis Needle aspiration Surgical
08.45	Discussion

**R.Ganger**  
C.Alves  
M.Cassiano Neves  
M.Ramachandran  
  
M.Cassiano Neves  
T.Wirth

### Musculoskeletal Infections / Osteomyelitis and Other

09.00	Acute and subacute osteomyelitis
09.20	Chronic osteomyelitis
09.30	Muscular and specific infections
09.40	Discussion

**B.Møller-Madsen**  
R.Ganger  
T.Wirth  
M.Ramachandran

### 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 Stations

<b>Station 1</b>	<i>Research Methods</i>	B.Møller-Madsen, C.Alves
<b>Station 2</b>	<i>Cannulated Blade Locking Hip Plate</i>	M.Ramachandran, R.Ganger, H.Ömeroglu
<b>Station 3</b>	<i>Distal Femoral Extension and Tibial Derotation Plates</i>	M.Cassiano Neves, T.Wirth, S.Farr
<b>Station 4</b>	<i>Spinal Instrumentation</i>	D.Ovadia, I.Sanpera, I.Helenius
<b>Station 5</b>	<i>Gait Analysis Laboratory</i>	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.

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

Basic I	18-20 October 2017
Trauma	14-16 March 2018
Basic II	10-12 October 2018