



5th EPOS-EFORT BAT INSTRUCTIONAL COURSE TRILOGY

PART I: PAEDIATRIC ORTHOPAEDICS BASIC I

18-20 October 2017

Orthopaedic Hospital Speising, Vienna-Austria

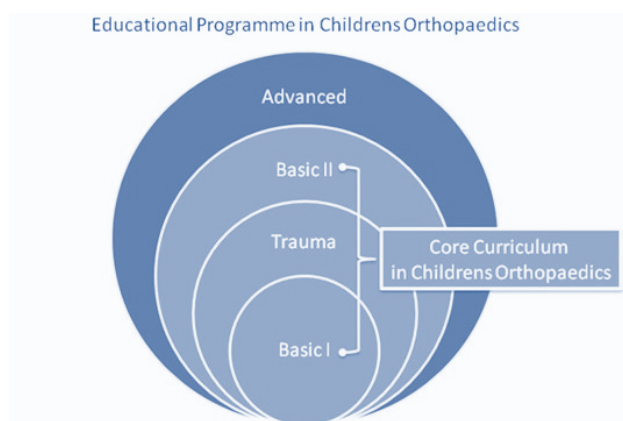
Development, Bone Metabolism and Related Disorders
The Orthopaedic Medical History and Clinical Examination
Paediatric Foot Disorders
Paediatric Hip Disorders
Limb Length Discrepancy
Lower Limb Deformity

Theoretical Lectures
Controversial Issues
Techniques in Paediatric Orthopaedics
Case Discussions
Workshops

WELCOME MESSAGE

Dear Colleagues,

It is a pleasure to invite you to the 5th EPOS-EFORT BAT Instructional Course Trilogy, an integral part of the EPOS Educational Programme. The EPOS Educational Committee has set up the “BAT (**B**asic, **A**dvanced & **T**raumatology) 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. Twelve courses were held between May 2011 and March 2017 and 211 physicians from 35 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 first part of the fifth BAT course trilogy is the “Paediatric Orthopaedics Basic I Course” and includes theoretical lectures, debates, techniques in paediatric orthopaedics, case discussions and workshops concerning development, bone metabolism and related disorders, the orthopaedic medical history and clinical examination, foot disorders, hip disorders, limb length discrepancy and lower limb deformity 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 2017. We will do our utmost to meet and exceed your expectations.

Yours,

Rudolf Ganger
Local Host

Hakan Ömeroglu
EPOS Educational
Committee Chairman

Darko Anticevic
EPOS President 2017/2018



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Course Scientific Committee

Darko Anticevic, *EPOS President 2017/2018, EPOS Educational Committee Member*
Hakan Ömeroglu, *Course Program Coordinator, EPOS Educational Committee Chairman, EPOS Executive Committee Member*
Rudolf Ganger, *Local Host, EPOS Educational Committee Member, EPOS Lower Limb Study Group Chairman*
Federico Canavese, *EPOS Educational Committee Vice-Chairman, EPOS Website Committee Chairman*
Pierre Lascombes, *EPOS Past President, EPOS Foundation President, EPOS Educational Committee Member*
Dror Ovadia, *EPOS Treasurer, EPOS Educational Committee Member*
Ralph Sakkers, *EPOS Educational Committee Member, EPOS Metabolism and Genetics Study Group Chairman*
Bart Kowalczyk, *EPOS Educational Committee Member*

Course Faculty

Cristina Alves	<i>Coimbra Pediatric Hospital, Coimbra / Portugal</i>
Antonio Andreacchio	<i>Regina Margherita Children's Hospital, Turin / Italy</i>
Darko Anticevic	<i>Zagreb University Zagreb Children's Hospital, Zagreb / Croatia</i>
Stephanie Böhm	<i>Karolinska Institute, Stockholm / Sweden</i>
Federico Canavese	<i>Estaing University Hospital, Clermont-Ferrand / France</i>
Jaroslawn Czubak	<i>Gruca Teaching Hospital, Otwock / Poland</i>
Rudolf Ganger	<i>Orthopaedic Hospital Speising, Vienna / Austria</i>
Pierre Lascombes	<i>Geneva University Hospital, Geneva / Switzerland</i>
Hakan Ömeroglu	<i>TOBB Economy and Technology University Hospital, Ankara / Turkey</i>
Dmitry Popkov	<i>Russian Ilizarov Scientific Center, Kurgan / Russian Federation</i>
Christof Radler	<i>Orthopaedic Hospital Speising, Vienna / Austria</i>
Andreas Roposch	<i>Great Ormond Street Hospital for Children, London / UK</i>
Ralph Sakkers	<i>Utrecht University Medical Center, Utrecht / The Netherlands</i>

17 October 2017 Tuesday

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

18 October 2017 Wednesday

07:00-18:00 Registration

08:00-08:10 Opening and Welcome H.Ömeroglu, R.Ganger, D.Anticevic

08:10 Development, Bone Metabolism, The Orthopaedic Medical History&Clinical Examination P.Lascombes

08:10 Synopsis of intrauterine development of the musculoskeletal system H.Ömeroglu

08:25 Bone metabolism R.Sakkers

08:35 Developmental milestones D.Anticevic

08:45 Key points in orthopaedic medical history of a paediatric patient F.Canavese

08:55 Key points in orthopaedic clinical examination of a paediatric patient R.Sakkers

09:10 Discussion

09:25 Workshop Rotation System-1

10:40 Break

11:00 Bone Disorders A.Roposch

11:00 Common metabolic disorders R.Sakkers

11:10 Common skeletal dysplasias D.Anticevic

11:20 Common syndromes of orthopaedic importance C.Alves

11:30 Discussion

11:45 Paediatric Foot Disorders / Evaluation, Postural Deformities, Osteochondroses J.Czubak

11:45 Clinical & radiological evaluation, flexible pes planus, accessory bones S.Böhm

12:00 Postural foot deformities of newborns C.Radler

12:10 Osteochondroses of the foot A.Andreacchio

12:20 Discussion

12:35 Lunch

13:30 Paediatric Foot Disorders / Club Foot R.Ganger

13:15 Etiology, pathologic anatomy, classifications C.Alves

13:30 Non-operative treatment; Ponseti method S.Böhm

13:45 Non-operative treatment; French method F.Canavese

13:50 Treatment principles of relapsed and neglected cases; From casting to bony surgery C.Radler

14:10 Discussion

14:25 Workshop Rotation System-2

15:40 Break

16:00 Paediatric Foot Disorders / Other D.Popkov

16:00 Vertical talus and tarsal coalition C.Radler

16:15 Pes cavus S.Böhm

16:25 Toe deformities A.Andreacchio

16:35 Discussion

16:50 Case Presentations by the Participants (Foot Disorders) S.Böhm

17:30 End of the Day

20:00 Course Dinner

19 October 2017 Thursday

08:00 Paediatric Hip Disorders / Examination

- 08:00 Clinical examination; From birth to adolescence
- 08:10 Imaging of the paediatric hip; Plain radiography, CT, MRI
- 08:20 Imaging of the paediatric hip; Ultrasonography
- 08:30 Newborn hip screening
- 08:40 Discussion

C.Radler
A.Andreacchio
A.Roposch
H.Ömeroglu
R.Sakkers

08:55 Workshop Rotation System-3

10:10 Break

10:30 Paediatric Hip Disorders / DDH-1

- 10:30 Epidemiology, pathophysiology
- 10:40 Treatment: Bracing
- 10:50 Treatment: Closed reduction & casting
- 11:00 Treatment: Open reduction
- 11:10 Discussion

D.Anticevic
C.Alves
H.Ömeroglu
C.Alves
A.Roposch

11:25 Paediatric Hip Disorders / DDH-2

- 11:25 Treatment: Pelvic and femoral osteotomies
- 11:40 Treatment principles of hip dysplasia in adolescents and young adults
- 11:50 Complications
- 12:00 Discussion

C.Alves
A.Roposch
J.Czubak
A.Roposch

12:15 Lunch

13:15 Paediatric Hip Disorders / LCPD

- 13:15 Aetiology, pathophysiology, diagnosis, classification
- 13:30 Prognosis and treatment incl. sequelae
- 13:45 *Controversial Issue*; Containment therapy in LCPD
 - Non-surgical
 - Surgical
- 13:55 Discussion

H.Ömeroglu
D.Anticevic
F.Canavese

F.Canavese
D.Anticevic

14:10 Workshop Rotation System-4

15:25 Break

15:45 Paediatric Hip Disorders / SCFE

- 15:45 Aetiology, pathophysiology, diagnosis, classification
- 16:00 Prognosis and treatment incl. sequelae
- 16:15 *Controversial Issue*; Acute unstable mild/moderate SCFE
 - Fix in situ
 - Reduce it first then fix
- 16:25 Discussion

F.Canavese
P.Lascombes
J.Czubak

A.Andreacchio
J.Czubak

16:40 Case Presentations by the Participants (Hip Disorders)

A.Roposch

17:20 Genu Varum and Genu Valgum

- 17:20 Aetiology and diagnosis
- 17:30 Treatment
- 17:45 Discussion

D.Popkov
P.Lascombes
R.Ganger

18:00 End of the Day

20 October 2017 Friday

08:00	Torsional Deformities & Limb Length Discrepancy	A.Andreacchio
08:00	Common causes of in-toeing, out-toeing	F.Canavese
08:10	Etiology of limb length discrepancy	R.Ganger
08:20	Growth prediction & deformity analysis	P.Lascombes
08:35	Guided growth	P.Lascombes
08:45	Discussion	
09:00	Workshop Rotation System-5	
10:15	Break	
10:35	Limb Lengthening	R.Sakkers
10:35	Principles of callus distraction	D.Popkov
10:45	Lower limb lengthening by intramedullary nailing	R.Ganger
11:00	Lower limb lengthening by external fixator	D.Popkov
11:15	Discussion	
11:30	Case Presentations by the Participants (Limb Lengthening and Deformity Correction)	R.Ganger
12:10	Lunch	
12:50	Workshop Rotation System-6	
14:05	Take Home Messages & Trilogy Diplomas & Closing Remarks	
14:30	End of the Course	

Workshop Rotation System:

<i>Station 1:</i> Locking hip plate (Orthopediatrics)	J.Czubak, F.Canavese
<i>Station 2:</i> 8 plate insertion & pin insitu in SCFE (Orthopediatrics)	D.Anticevic, R.Sakkers
<i>Station 3:</i> Lengthening and deformity correction (Smith & Nephew)	R.Ganger, C.Radler
<i>Station 4:</i> Lengthening and deformity correction (Orthofix)	P.Lascombes, D.Popkov
<i>Station 5:</i> Ponseti casting technique in clubfoot (C-Prodirect)	S.Böhm, A.Andreacchio
<i>Station 6:</i> Research methods	A.Roposch, C.Alves

Course Venue:

Orthopaedic Hospital Speising,
Prof. Spitzky-Auditorium,
Speisinger Strasse 109,
1130 Vienna, Austria

- 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.

Course Language: English

Registration Fees:

	Early Bird (Until August 31st)	Late (September 1st-October 16th)	Onsite
Participants	EUR 400	EUR 425	EUR 450
EPOS Members	EUR 300	EUR 325	EUR 350
Residents	EUR 250	EUR 275	EUR 300

Course Dinner: EUR 35

Please follow the EPOS website (www.epos.org) for further information.