



European Paediatric Orthopaedic Society



Turkish Society of
Orthopaedics and
Traumatology
(TOTBİD)

EPOS-BAT ADVANCED COURSE

CURRENT CONCEPTS IN THE MANAGEMENT OF PEDIATRIC HIP DISORDERS



6-7 SEPTEMBER 2013

İZMİR / TURKEY

www.eposbatizmir.com

FOREWORD

Dear Colleagues,

EPOS-BAT Advanced Course

Current Concepts in the Management of Paediatric Hip Disorders

6th-7th 2013



I would like to invite you to join us for this course that has been designed to explore the challenges that face orthopaedic surgeons when they meet young patients with severe hip joint pathology. The international faculty has been chosen carefully to ensure that both the lectures and the discussion periods are of the highest quality.

The course consists of a mix of lectures, 'hands on' workshops and a 'surgical techniques' section where faculty members will discuss how they actually deal with a particular problem. We hope that in this stimulating environment the two-way exchange of information between delegates and faculty will benefit our patients and our profession.

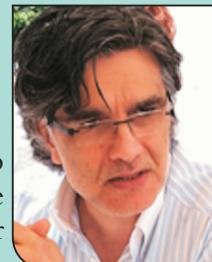
We look forward to seeing you in Izmir.

With best wishes

Deborah M. Eastwood, MD, FRCS,
President of EPOS 2013-2014

Dear Colleagues,

On behalf of EPOS I would like to invite you to the EPOS-Advanced Course, to be held September 6-7, 2013 in Izmir, Turkey. It is a great honor for us to have the opportunity to meet the international experts of pediatric hip problems on our Meeting.



The European Pediatric Orthopaedic Society is a non-profit, professional organization, with its primary focus on providing continuing medical education for health care professionals and on supporting research in pediatric orthopaedics. EPOS Advanced Course, like this one, contributes to pediatric orthopaedic education throughout the Europe. Each course is designed to serve the needs of pediatric orthopaedic surgeons in Europe with lectures, workshops and case discussions.

This meeting has been themed "Current Concepts in the Management of Pediatric Hip Disorders". We feel this is very timely, as knowledge and techniques in pediatric orthopaedic surgery have expanded, surgeons require the platform to evaluate these developments in meetings such as these. To this end, we invite speakers and experts from all over the Europe and US, as well as from Turkey to come and share with us, present for us and teach us what are new, not forgetting that we have to also evaluate the outcomes of established practice.

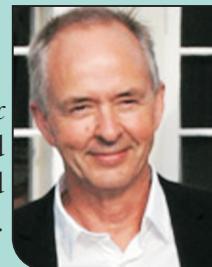
We hope that the unique region of Turkey will provide a memorable setting for a rewarding scientific experience. Thank you for joining us in September 2013 in Izmir. Yours sincerely,

Muharrem Yazıcı, MD,
President of EPOS 2012-2013

FOREWORD

Dear Colleagues,

It is a pleasure to welcome you to “*Current Concepts in the Management of Pediatric Hip Disorders*” 6th -7th September 2013, Hilton Hotel, İzmir, Turkey. The Advanced course is organized by European Pediatric Orthopaedic Society (EPOS) and supported by the Turkish Society of Orthopaedics and Traumatology (TOTBİD).



The program reflects the complexity and the sub-specialization of children’s orthopaedics. The course constitutes a natural part of *EPOS BAT Educational Program*, which aim to facilitate a problem-solving approach in the diagnosis and management of orthopaedic conditions in children informed by relevant research evidence. Advanced Courses are primarily designed for Children’s Orthopaedic Surgeons who manage children’s orthopaedic conditions in a highly specialized setting. Course teaching Faculties are composed of highly internationally recognized specialists in Children’s Orthopaedic from all over Europe and USA.

We cordially invite all orthopaedic surgeons to come to Izmir in September 2013. We will do our utmost to meet and exceed your expectations.

Bjarne Møller-Madsen, MD, DMSc,
Course Coordinator, Chairman of the EPOS Education Committee

Dear Colleagues and Friends,

It is a great pleasure for us to invite you to the EPOS-BAT advanced course “current concepts in the management of pediatric hip disorders” that will be held between 6 and 7 September 2013 in İzmir, Turkey. This course includes theoretical sessions as well as hands-on sessions and we believe that the participants will update their knowledge about several pediatric hip disorders. Besides, the participants will have the opportunity to breathe the natural beauty of İzmir as well as to discover the attractive cultural heritage of this geographical area. We hope that all the guests will go back to their homes with refreshed knowledge and unforgettable memories.



We would again like to thank all the faculty members for their serious scientific contributions to this course. We look forward to meeting you in İzmir, next September.

Hakan Ömeroğlu, MD,
Course Coordinator, Local Host



European Paediatric Orthopaedic Society

COMMITTEE

Organized by

European Paediatric Orthopaedic Society (EPOS)

Supported by

Turkish Society of Orthopaedics and Traumatology (TOTBİD)

Course Coordinators

Hakan Ömeroğlu, MD (Eskişehir, Turkey)

Bjarne Møller-Madsen, MD, DMSc (Aarhus, Denmark)

Local Organizing Committee

Muharrem İnan, MD (İstanbul)

Önder Kalenderer, MD (İzmir)

Hakan Ömeroğlu, MD (Eskişehir)

Hakan Şenaran, MD (Konya)

Muharrem Yazıcı, MD (Ankara)

International Faculty

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Los Angeles, USA

Manuel Cassiano Neves, MD, MSc,

Instituto Universitário Hospital CUF Descobertas and Instituto Superior Técnico,

Lisbon, Portugal

Andreas Roposch, MD, MSc, FRCS,

Great Ormond Street Hospital for Children, London, UK

Thomas Wirth, MD, PhD,

Olga Hospital, Stuttgart, Germany



COMMITTEE

National Faculty

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İstanbul University Cerrahpaşa Hospital, İstanbul

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Muharrem Yazıcı, MD,
Hacettepe University Hospital, Ankara

Cemil Yıldız, MD,
Gülhane Military Medical Academy Hospital, Ankara

5 SEPTEMBER 2013 THURSDAY

17:00-20:00 **HOTEL LOBBY** Registration & Accommodation

6 SEPTEMBER 2013 FRIDAY

06:45-18:30	HALL FOYER	Registration
07:45-08:00	HALL B	Opening Remarks
08:00-10:15	HALL B	Lecture Session 1: Basic Knowledge & Developmental Dysplasia of the Hip (DDH) & Neuromuscular Hip Instability <i>Moderators: Deborah M. Eastwood, Colin F. Moseley</i>
08:00-08:15		Synopsis of the biomechanical alterations in several pediatric hip disorders <i>Colin F. Moseley</i>
08:15-08:35		Differential diagnosis of limping due to hip problems in children <i>Bjarne Møller-Madsen</i>
08:35-08:45		Is there anything new in newborn hip screening ? <i>Deborah Eastwood</i>
08:45-08:55		Current concepts in the treatment of DDH before walking age <i>Thomas Wirth</i>
08:55-09:05		Current concepts in the treatment of DDH after walking age <i>Colin F. Moseley</i>
09:05-09:15		Why avascular necrosis of the femoral head occurs in DDH ? <i>Andreas Roposch</i>
09:15-09:25		Pelvic reconstructive and salvage osteotomies in hip dysplasia of the adolescents and young adults <i>Jaroslaw Czubak</i>
09:25-09:45		Current concepts in the management of hip instability and dislocation in neuromuscular disorders <i>Deborah M. Eastwood</i>
09:45-10:15		Discussion
10:15-10:45	HALL FOYER	Coffee Break & Exhibition
10:45-11:45	HALL C	Hands-On Session 1: Pediatric proximal femoral nailing (PFN) <i>Moderators: Muharrem İnan, Önder Kalenderer</i>
10:45-11:00		Indications and technique <i>Muharrem İnan</i>
11:00-11:45		Participants' exercise on the sawbones <i>Instructors: Muharrem İnan, Önder Kalenderer, Cemalettin Aksoy, Nusret Köse, Hakan Şenarancı</i>
11:45-12:45	HALL A	Hands-On Session 2: Pediatric locking hip plate <i>Moderators: Manuel Cassiano Neves, Cemil Yıldız</i>
11:45-12:00		Indications and technique <i>Cemil Yıldız</i>
12:00-12:45		Participants' exercise on the sawbones <i>Instructors: Manuel Cassiano Neves, Cemil Yıldız, Bjarne Møller-Madsen, Andreas Roposch, Muharrem İnan</i>
12:45-13:45	LEVEL 9 RESTAURANT	Lunch

6 SEPTEMBER 2013 FRIDAY

13:45-15:45	HALL B	Lecture Session 2: Tumors & Infections & Fractures & Legg-Calve-Perthes Disease (LCPD)
		Moderators: <i>Haluk Ağuş, Thomas Wirth</i>
13:45-14:00		Current concepts in the management of pediatric age group tumors around the hip joint <i>Manuel Cassiano Neves</i>
14:00-14:20		Current concepts in the management of specific and non-specific infections of the pediatric hip joint <i>Thomas Wirth</i>
14:20-14:35		Current concepts in the management of pediatric hip fractures <i>Manuel Cassiano Neves</i>
14:35-14:55		What is new in the etiology, prognostic factors and treatment methods other than surgery in LCPD ? <i>Andreas Roposch</i>
14:55-15:15		Current concepts in the surgical treatment of LCPD <i>Deborah M. Eastwood</i>
15:15-15:45		Discussion
15:45-16:15	HALL FOYER	Coffee Break & Exhibition
16:15-18:30	HALL B	Surgical Techniques: How I operate ?
		Moderators: <i>Muharrem Yazıcı, Jaroslaw Czubak</i>
16:15-16:25		Arthroscopic reduction in DDH <i>Thomas Wirth</i>
16:25-16:35		Open reduction and capsulorrhaphy via anterior approach in DDH <i>Abdullah Eren</i>
16:35-16:45		Posteromedial limited surgery in DDH <i>Hakan Ömeroğlu</i>
16:45-16:55		Discussion
16:55-17:05		Making sense of pelvic osteotomies <i>Colin F. Moseley</i>
17:05-17:15		Salter innominate osteotomy <i>Colin F. Moseley</i>
17:15-17:25		Pemberton osteotomy <i>Muharrem Yazıcı</i>
17:25-17:35		Dega osteotomy <i>Jaroslaw Czubak</i>
17:35-17:50		Discussion
17:50-18:00		Incomplete triple pelvic osteotomy <i>Abdullah Eren</i>
18:00-18:10		Bernese periacetabular osteotomy <i>Jaroslaw Czubak</i>
18:10-18:20		Reshaping of the femoral head in healed LCPD using safe surgical hip dislocation <i>Cemalettin Aksoy</i>
18:20-18:30		Discussion

7 SEPTEMBER 2013 SATURDAY

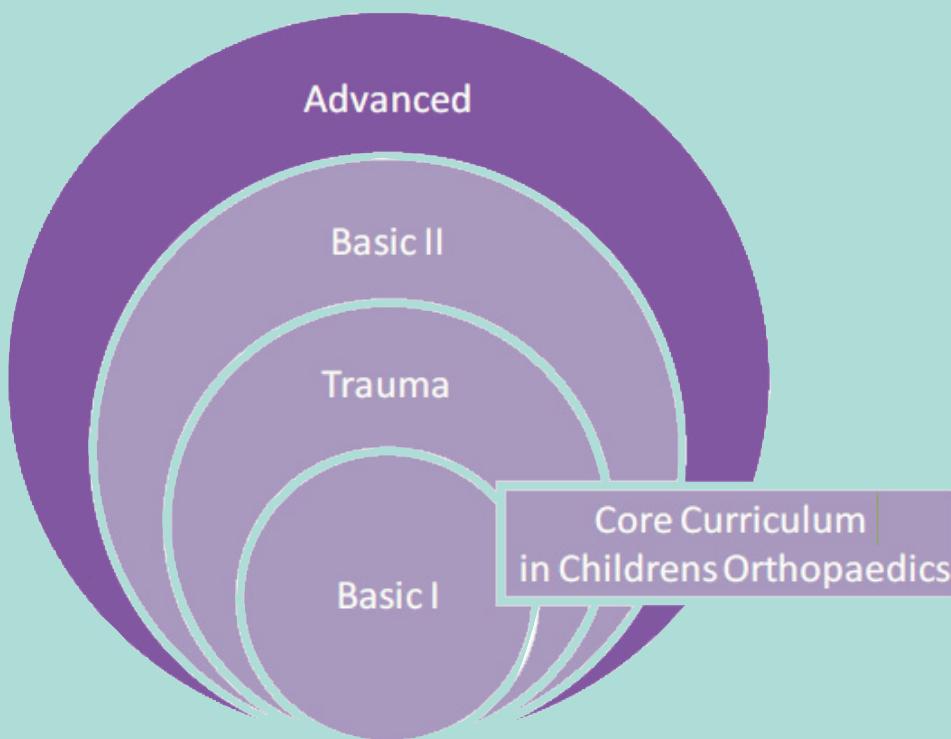
08:00-10:00	HALL B	Lecture Session 3: Slipped Capital Femoral Epiphysis (SCFE) & Pediatric Femoroacetabular Impingement (FAI) <i>Moderators: Cemalettin Aksoy, Andreas Roposch</i>
08:00-08:20		Is the insitu pinning still the gold method of treatment in SCFE ? <i>Thomas Wirth</i>
08:20-08:40		Current concepts in the surgical procedures other than insitu pinning in SCFE <i>Deborah Eastwood</i>
08:40-08:50		Pediatric FAI; What we know today ? <i>Manuel Cassiano Neves</i>
08:50-09:10		Treatment of pediatric FAI using hip arthroscopy <i>Muharrem İnan</i>
09:10-09:30		Use of safe surgical hip dislocation in the treatment of pediatric FAI <i>Jaroslaw Czubak</i>
09:30-10:00		Discussion
10:00-10:30	HALL FOYER	Coffee Break & Exhibition
10:30-12:00	HALL B	Experts' Round Table Discussion: How you treat this case ? <i>Moderators: Bjarne Møller-Madsen, Manuel Cassiano Neves</i> Panel Members: Haluk Ağuş, Deborah M. Eastwood, Jaroslaw Czubak, Colin F. Moseley, Andreas Roposch, Thomas Wirth, Muharrem Yazıcı
12:00-13:00	LEVEL 9 RESTAURANT	Lunch
13:00-14:30	HALL C	Hands-On Session 3: Hip Arthroscopy <i>Moderators: Asım Kayaalp, Muharrem İnan</i>
13:00-13:15		Indications and technique <i>Asım Kayaalp, Reha Tandoğan</i>
13:15-14:30		Participants' exercise on the hip model by scope <i>Instructors: Asım Kayaalp, Muharrem İnan, Jaroslaw Czubak, Reha Tandoğan</i>
14:30-15:00	HALL FOYER	Coffee Break & Exhibition
15:00-16:30	HALL B	Hands-On Session 4: Assessment of the newborn hip using ultrasonography by the Graf's method <i>Moderators: Hakan Ömeroğlu, Nusret Köse</i>
15:00-15:10		Role of hip ultrasonography in DDH <i>Andreas Roposch</i>
15:10-15:25		Ultrasonographic hip anatomy <i>Hakan Şenaran</i>
15:25-15:40		Basic principles of hip ultrasonography by the Graf's method <i>Hakan Ömeroğlu</i>
15:40-15:55		Ultrasonographic hip typing by the Graf's method <i>Nusret Köse</i>
15:55-16:30		Participants' exercise on the images <i>Instructors: Hakan Ömeroğlu, Nusret Köse, Andreas Roposch, Hakan Şenaran</i>
16:30-16:45	HALL B	Closing Remarks & End of the Course

ABOUT EPOS-BAT COURSES

Core Curriculum in Children's Orthopaedics

EPOS Educational Committee has set up "EPOS BAT Educational Programme". The programme meets the demands required by the European Board of Orthopaedics and Traumatology (EBOT). The acronym BAT arises from Basic-, Advanced- and Traumatology Courses. These courses together constitute "BAT Educational Programme" and aim to facilitate a problem solving approach in the diagnosis and management of orthopaedic conditions in children informed by relevant research evidence.

BAT –Basic, Advanced and Traumatology Educational Programme in Childrens Orthopaedics



A module of two Basic Courses in combination with one Traumatology Course covers the core curriculum in Children's Orthopaedics. Advanced Courses are primarily designed for Children's Orthopaedic Surgeons who manage children's orthopaedic conditions in a highly specialised setting. Course teaching Faculties are composed of highly internationally recognized specialists in Children's Orthopaedics from all over Europe.

Izmir (Turkish: İzmir; Greek: Smyrni; Latin: Smyrna) is a large metropolis in the western extremity of Anatolia and the third most populous city in Turkey. Izmir metropolitan area extends along the outlying waters of the Gulf of İzmir and inland to the north across Gediz River's delta, to the east along an alluvial plain created by several small streams and to a slightly more rugged terrain in the south. The ancient city was known as Smyrna, and the city was generally referred to as Smyrna in English, until the Turkish Postal Services Law of 1930 made "İzmir" the internationally recognized name.



The city of Izmir is composed of several metropolitan districts. Of these, Konak district corresponds to historical Izmir, this district's area having constituted the "İzmir Municipality" (Turkish: İzmir Belediyesi) area until 1984, Konak until then having been a name for a central neighborhood around Konak Square, still the core of the city. With the constitution of the "Greater Izmir Metropolitan Municipality" (Turkish: İzmir Büyükşehir Belediyesi), the city of Izmir became a compound bringing together initially nine, and since recently eleven metropolitan districts, namely Balçova, Bayraklı, Bornova, Buca, Çiğli, Gaziemir, Güzelbahçe, Karabağlar, Karşıyaka, Konak and Narlıdere. Almost each of these settlements are former district centers or neighborhoods which stood on their own and with their own distinct features and temperament. In an ongoing processus, the Mayor of Izmir was also vested with authority over the areas of additional districts reaching from Aliağa in the north to Selçuk in the south, bringing the number of districts to be considered as being part of Izmir to twenty-one under the new arrangements, two of these having been administratively included in Izmir only partially.

According to the Turkish Statistical Institute, as of 2011 the city of Izmir had a population of 2,783,866 and its metropolitan municipality 3,366,947.



European Paediatric Orthopaedic Society

ORGANIZING SECRETARIAT



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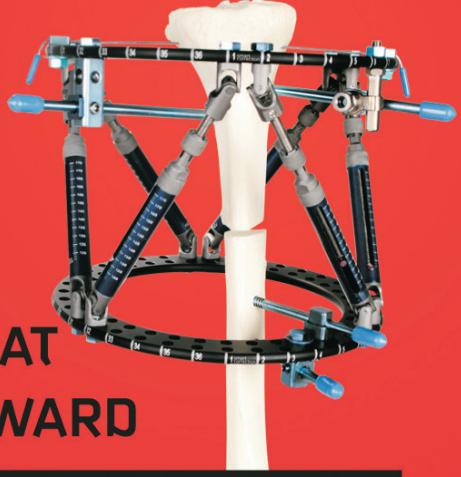
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