7th EPOS BAT Instructional Course
Vienna, Austria: 15-17 November 2023

Trilogy Course
Part III - Paediatric Orthopaedics Basic II

Highlights
• Neuromuscular Disorders
• Disorders of the Spine
• Upper limb Deformity and Malformations
• Bone Tumors
• Knee Disorders
• Musculoskeletal Infection

Methods of education
• Theoretical Lectures
• Controversial Issues
• Techniques in Paediatric Orthopaedics
• Expert Lecture
• Case Discussions
• Workshops

info www.epos.org/education
Dear Colleagues,

It is a pleasure to invite you to the 7th EPOS BAT Instructional Course Trilogy, an integral part of the EPOS 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. 23 courses were held between 2011 and 2023 and the one that will be held between 15 and 17 November 2023 will be the last course of the seventh trilogy.

The course is aimed at residents, fellows and young attending surgeons who want to improve their knowledge in Children’s Orthopaedics and also general Orthopaedic Surgeons 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 you to the Orthopaedic Hospital Speising in Vienna in November 2023. We will do our utmost to meet and exceed your expectations.

Yours,

Catharina Chiari
Local Organizer

Sebastian Farr
EPOS Educational Committee Chairman
2022-2025

Hakan Ömeroğlu
EPOS President
2023-2024
Program

Wednesday 15 November

Schedule | Topic | Faculty
---|---|---
08:00 | Opening and welcome | S. Farr

Neuromuscular Disorders / Cerebral Palsy
Moderator: A. Krebs

08:10 | Definition, classification and clinical examination | T. Dreher
08:25 | Principles of gait analysis | A. Krebs
08:45 | Non-surgical treatment options for CP | E. Viehweger
08:55 | Surgical treatment of upper limb problems | L. Perez-Lopez
09:15 | Surgical treatment of the spastic hip | T. Dreher
09:30 | Surgical treatment of lower limb problems | A. Krebs
09:50 | Discussion |
10:15 | Break |

Neuromuscular Disorders / Others
Moderator: T. Dreher

10:45 | Treatment of lower motor neuron lesions | T. Dreher
11:00 | Myelomeningocele | A. Krebs
11:15 | Muscle dystrophies and HMSN | E. Viehweger
11:30 | Discussion |
12:00 | “Neuromuscular” Case Presentations by the Participants | E. Viehweger
12:30 | Lunch |

Disorders of the Spine / Basics & Scoliosis
Moderator: M. Yazici

13:30 | Development and spinal growth | B. Pruszczynski
13:40 | Clinical examination and imaging | I. Sanpera
13:50 | Idiopathic scoliosis | D. Ovadia
14:10 | Techniques in Paediatric Orthopaedics; Growing rod techniques in EOS | M. Yazici
14:20 | Congenital scoliosis | D. Ovadia
14:35 | Discussion |
15:00 | Industry-sponsored workshops: Rotation system-1 |
16:00 | Break |
**Disorders of the Spine / Others**

**Moderator:** D. Ovadia

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:30</td>
<td>Scheuermann’s disease</td>
<td>D. Ovadia</td>
</tr>
<tr>
<td>16:40</td>
<td>Spondylolysis/spondylolisthesis</td>
<td>M. Yazici</td>
</tr>
<tr>
<td>16:50</td>
<td>Spine problems in neuromuscular disorders</td>
<td>M. Yazici</td>
</tr>
<tr>
<td>17:05</td>
<td>Tumors and infections of the spine</td>
<td>I. Sanpera</td>
</tr>
<tr>
<td>17:15</td>
<td>Fractures of the spine</td>
<td>I. Sanpera</td>
</tr>
<tr>
<td>17:30</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>18:00</td>
<td>“Spine” Case Presentations by the Participants</td>
<td>I. Sanpera</td>
</tr>
<tr>
<td>18:30</td>
<td>End of the day</td>
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<tr>
<td>20:00</td>
<td>Course dinner</td>
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<tr>
<td>Schedule</td>
<td>Topic</td>
<td>Faculty</td>
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<tr>
<td>08:00</td>
<td>Expert Lecture: “Do’s and Don’ts in Pediatric Orthopedics – My experience”</td>
<td>F. Hefti</td>
</tr>
</tbody>
</table>

**Disorders of the Upper Limb / Shoulder to Wrist**  
Moderator: S. Martínez-Alvarez

<table>
<thead>
<tr>
<th>Schedule</th>
<th>Topic</th>
<th>Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:45</td>
<td>Clinical examination and diagnostics</td>
<td>L. Perez-Lopez</td>
</tr>
<tr>
<td>09:00</td>
<td>Congenital hand differences</td>
<td>S. Martínez-Alvarez</td>
</tr>
<tr>
<td>09:30</td>
<td>Congenital malformations of the elbow, forearm and wrist</td>
<td>S. Farr</td>
</tr>
<tr>
<td>09:50</td>
<td>Congenital malformations of the shoulder girdle</td>
<td>S. Farr</td>
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<tr>
<td>10:05</td>
<td>Discussion</td>
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</table>

10:30 Break

11:00  *Industry-sponsored workshops: Rotation system-2*

**Disorders of the Upper Limb / Others**  
Moderator: S. Farr

<table>
<thead>
<tr>
<th>Schedule</th>
<th>Topic</th>
<th>Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:00</td>
<td>Brachial plexus birth palsy</td>
<td>S. Farr</td>
</tr>
<tr>
<td>12:15</td>
<td><em>Techniques in Paediatric Orthopaedics: Treatment of syndactyly and polydactyly</em></td>
<td>S. Farr</td>
</tr>
<tr>
<td>12:25</td>
<td><em>Techniques in Paediatric Orthopaedics: Treatment of radial longitudinal deficiency</em></td>
<td>S. Martínez-Alvarez</td>
</tr>
<tr>
<td>12:35</td>
<td>Discussion</td>
<td></td>
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</tbody>
</table>

12:45 Lunch

13:45  *“Upper Limb” Case Presentations by the Participants*  
L. Perez-Lopez

**Bone Tumors**  
Moderator: M. Van de Sande

<table>
<thead>
<tr>
<th>Schedule</th>
<th>Topic</th>
<th>Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:15</td>
<td>Clinical aspects of bone tumors</td>
<td>I. Balaco</td>
</tr>
<tr>
<td>14:25</td>
<td>Radiological aspects of bone tumors</td>
<td>M. Van de Sande</td>
</tr>
<tr>
<td>14:40</td>
<td>Basic treatment principles of bone tumors</td>
<td>B. Pruszczyński</td>
</tr>
<tr>
<td>14:55</td>
<td>Synopsys of common benign bone tumors in children</td>
<td>I. Balaco</td>
</tr>
<tr>
<td>15:15</td>
<td>Synopsys of common malign bone tumors in children</td>
<td>M. Van de Sande</td>
</tr>
<tr>
<td>15:30</td>
<td>Discussion</td>
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Program
Thursday 16 November

<table>
<thead>
<tr>
<th>Schedule</th>
<th>Topic</th>
<th>Faculty</th>
</tr>
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<tbody>
<tr>
<td>16:00</td>
<td>“Bone Tumor” Case Presentations by the</td>
<td>I. Balaco</td>
</tr>
<tr>
<td></td>
<td>Participants</td>
<td></td>
</tr>
<tr>
<td>16:30</td>
<td>Break</td>
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</tr>
<tr>
<td></td>
<td><strong>Disorders of the Knee</strong></td>
<td></td>
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<tr>
<td></td>
<td>Moderator: M. Turati</td>
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<tr>
<td>17:00</td>
<td>Congenital knee and patella dislocation</td>
<td>N. Nicolaou</td>
</tr>
<tr>
<td>17:10</td>
<td>Habitual/recurrent patella dislocation</td>
<td>M. Turati</td>
</tr>
<tr>
<td>17:25</td>
<td>Osteonecrosis of the knee</td>
<td>N. Nicolaou</td>
</tr>
<tr>
<td>17:40</td>
<td>Anterior knee pain &amp; discoid meniscus</td>
<td>M. Turati</td>
</tr>
<tr>
<td>17:50</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>18:30</td>
<td>End of the day</td>
<td></td>
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</table>
### Musculoskeletal Infections / Septic Arthritis

**Moderator:** N. Nicolaou

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00</td>
<td>Epidemiology and etiology</td>
<td>B. Pruszczynski</td>
</tr>
<tr>
<td>08:10</td>
<td>Evaluation and differential diagnosis</td>
<td>N. Nicolau</td>
</tr>
</tbody>
</table>
| 08:30 | **Controversial Issue:** Drainage of septic hip arthritis  
Needle aspiration | M. Turati    
Surgical | H. Ömeroğlu |
| 08:50 | Discussion                                     |               |

### Musculoskeletal Infections / Osteomyelitis and Other

**Moderator:** H. Ömeroğlu

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:15</td>
<td>Acute and subacute osteomyelitis</td>
<td>H. Ömeroğlu</td>
</tr>
<tr>
<td>09:30</td>
<td>Chronic osteomyelitis</td>
<td>M. Van de Sande</td>
</tr>
<tr>
<td>09:40</td>
<td>Common sequelae after infection</td>
<td>I. Balaco</td>
</tr>
<tr>
<td>09:50</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>10:10</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>10:30</td>
<td><strong>Industry-sponsored workshops:</strong> Rotation system-3</td>
<td></td>
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<tr>
<td>11:30</td>
<td><strong>Industry-sponsored workshops:</strong> Rotation system-4</td>
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</tr>
<tr>
<td>12:30</td>
<td>“Knee &amp; Infection” Case Presentations by the Participants</td>
<td>B. Pruszczynski</td>
</tr>
<tr>
<td>13:15</td>
<td>Take Home Messages &amp; Trilogy Diplomas &amp; Closing Remarks</td>
<td>S. Farr, H. Ömeroğlu</td>
</tr>
<tr>
<td>14:00</td>
<td>End of the course</td>
<td></td>
</tr>
</tbody>
</table>
General information

• The program is subject to change.
• The number of participants is limited to 150. Registration process will be handled in “first-come, first-served” rule.
• 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
• An electronic course syllabus will be sent to the participants prior to the course.

Future Courses

EPOS BAT Advanced Course
Fundamentals of Pediatric Spine Deformities
Vienna, Austria | 24-25 January 2024
1.5-day course finishing lunch time on the 25th of January

EPOS BAT ADVANCED COURSE
Pediatric Musculoskeletal Tumors Course
Vienna, Austria | 25-26 January 2024
1.5-day course starting after lunch break on the 25th of January

8th EPOS BAT INSTRUCTIONAL COURSE TRILOGY
Vienna, Austria | 6-8 March 2024

EPOSNA Meeting
Washington, DC, USA | 7-11 May 2024

EPOS BAT ADVANCED COURSE
DDH and Hip Ultrasound
Vienna, Austria | 20-21 June 2024

EPOS BAT ADVANCED COURSE
Clubfoot - Aiming for Perfect, from Diagnosis to Treatment
Porto, Portugal / 26-27 September 2024
Course fees (incl. 10% Austrian VAT)

Early registration* (valid until Sunday 29th of October 23h59)
- Participants: EUR 550.00
- EPOS members**: EUR 450.00
- Residents**: EUR 400.00

Late registration fees (no onsite registration possibility and valid as of Monday 30th of October)
- Participants: EUR 650.00
- EPOS members**: EUR 500.00
- Residents**: EUR 450.00

Course dinner***:
- EUR 60.00

Course language
English – no translation

CME Credits
17 European CME credits (ECMEC®s) have been accredited for the course. Please note that each medical specialist should claim only those credits that he/she actually spent in the educational activity.

Opening hours
Tuesday, 14 November 16:00-18:00
Wednesday, 15 November 07:00-18:30
Thursday, 16 November 07:30-18:30
Friday, 17 November 07:30-14:00

Contact
EPOS Central Office
courses@epos.org

Venue
Orthopaedic Hospital Speising
Speisinger Strasse 109
1130 Vienna, Austria
Auditorium: Prof. Spitzy-Auditorium

Registration fees include
- Participation to all course educational activities;
- Course syllabus;
- Lunches and coffee/tea during the breaks.

* The early registration fee is only when the payment is made before the early registration deadline
** Proof needs to be uploaded depending on the registration category chosen
*** Course Dinner: Will be held on Wednesday 15th of November at 20h00. Interested participants may buy a ticket via the course registration

info www.epos.org/education
Faculty

Course Faculty

Inês Balaco, Coimbra Pediatric Hospital, Coimbra / Portugal
Thomas Dreher, Children’s Hospital, Zurich / Switzerland
Sebastian Farr, Orthopaedic Hospital Speising, Vienna / Austria
Fritz Hefti, University Children’s Hospital Basel / Switzerland
Andreas Kranzl, Orthopaedic Hospital Speising, Vienna / Austria
Alexander Krebs, Orthopaedic Hospital Speising, Vienna / Austria
Sergio Martínez-Alvarez, The Hospital Infantil Universitario Niño Jesús, Madrid / Spain
Nicolas Nicolaou, Sheffield Children’s NHS Foundation Trust, Sheffield / UK
Hakan Ömeroğlu, Ufuk University Dr. Rıdvan Ege Hospital, Ankara / Turkey
Dror Ovadia, Dana Children’s Hospital, Tel Aviv / Israel
Laura Perez-Lopez, Hospital Sant Joan de Déu, Barcelona / Spain
Blazej Pruszczynski, Medical University of Lodz, Lodz / Poland
Ignacio Sanpera, Son Espases University Hospital, Palma de Mallorca / Spain
Marco Turati, Transalpine Center of Pediatric Sports Medicine and Surgery, Milan / Italy
Michiel Van de Sande, Princes Maxima Center and LUMC, Leiden / Netherlands
Elke Viehweger, University Children’s Hospital Basel / Switzerland
Muharrem Yazici, Hacettepe University, Ankara / Turkey

Scientific Committee

Catharina Chiari, Local Organizer
Sebastian Farr, Course Program Coordinator
Hakan Ömeroğlu, EPOS Educational Committee Chairman

Industry-sponsored workshops: Rotation system

<table>
<thead>
<tr>
<th>Station 1</th>
<th>Lower Extremity 1 – Proximal Femur</th>
<th>T. Dreher, I. Sanpera, H. Ömeroğlu, S. Martinez-Alvarez</th>
</tr>
</thead>
<tbody>
<tr>
<td>Station 2</td>
<td>Lower Extremity 2 – Distal Femur and Tibia</td>
<td>B. Pruszczynski, I. Balaco, M. Turati, S. Farr</td>
</tr>
<tr>
<td>Station 3</td>
<td>Gait Analysis Laboratory</td>
<td>A. Krebs, A. Kranzl, E. Viehweger</td>
</tr>
<tr>
<td>Station 4</td>
<td>Case Discussions</td>
<td>D. Ovadia, M. Van de Sande, N. Nicolaou, M. Yazici, L. Perez-Lopez</td>
</tr>
</tbody>
</table>

*To be confirmed. Workshop program/Faculty is subject to change

**Disclaimer: Please note that there is a variety of different similar products available that can be used beyond the ones provided at this event.

Official industry supporter of the course is:

info [www.epos.org/education](http://www.epos.org/education)