Print: Department of Print (Herr Ahrens, Max Asenbeck) Professional Training Center
ICP München Integrationszentrum für Cerebralparesen
Garmischer Str. 24 1 81377 München
Director: Thomas Pape
Medical Director: Prof. Dr. Bernhard Heimkes

Contact: Prof. Dr. Manuel Cassiano Neves, European Paediatric Orthopaedic Society
Hospital CUF Descobertas, Rua Prof. Machado Macedo 5-2B, 1300-612 Lisboa, Portugal
e-mail: cassianoneves.manuel@gmail.com
Prof. Dr. Klaus Parsch, Weinbergweg 68, 70569 Stuttgart
e-mail: kparsch@t-online.de
EPOS
European Paediatric Orthopaedic Society
Memories
2007-2016
Klaus Parsch
<table>
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<td>Athens 2013</td>
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<td>Marseille 2015</td>
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<td>Rome 2016</td>
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<td>Journal of Children’s Orthopaedics</td>
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Preface

The first 25 years of this society had been beautifully described in a booklet written by our former historian Nando de Sanctis with colleagues and given out to the members in Sorrento in 2007.

It was Pierre Lascombes as EPOS president who proposed together with the Board to continue Nando’s project. They wanted to show how the European Society has advanced in quality and size. The booklet should document how paediatric orthopaedics in Europe has thrived from its own power but also in close cooperation with colleagues from centers around the world. This would be in continuation of the impulses received from our professional forefathers John Sharrard, Henri Bensahel and Predrag Klisic. The society was the project following the pro-European enthusiasm that Alain Dimeglio and I have shared for so long, since we first met in San Francisco teaching in Myke Tachdjian’s seminar.

There were several options to show that EPOS has been doing well during the last ten years. It would have been difficult to describe accurately the innovations and the progress seen during this period. The chosen alternative was to collect as many photos and documents of the congresses held during this time as could be found. By looking at both moderators and presenters one could follow their active contribution to the society and how the input came from all corners of the globe. On photos taken at receptions and dinners we realize that a great number of wives and partners enjoy the events. The „picturama“ clearly shows how the “friends of paediatric orthopaedics“ have made every effort to build this unique section of a modern and humane Europe.

After the documentation of the yearly congresses there is a section about the Marie Curie Instructional Courses and the following BAT Instructional Course Trilogies

Stuttgart, March 2017

Klaus Parsch
26th EPOS Meeting, 4th IFPOS meeting
Sorrento, Italy  April 11th – April 14th 2007

congress chairman
Nando de Sanctis

president Shlomo Wientroub
The first 25 years of EPOS were payed tribute by the book of Nando de Sanctis in 2007
26th EPOS 4th IFPOS Meeting  Sorrento 2007
Executive Board EPOS and IFPOS 2007

**EPOS**
Executive Board

**President**
Prof. Shlomo Wientroub

**1st Vice-President**
Prof. Ernesto Ippolito

**2nd Vice-President**
Prof. Andre Kaelin

**Past-President**
Prof. Gérard Bollini

**General Secretary**
Prof. Pierre Lascombes

**Treasurer**
Prof. Rüdiger Krauspe

**Councillors**
- Prof. Michael Bell
- Prof. Jaroslaw Czubac
- Prof. Milan Kokavec
- Prof. Muharrem Yazici
- Prof. Manuel Cassiano Neves

**Scientific Committee**
Prof. Fritz Hefti

**Historian**
Prof. Nando De Sanctis

**EPOS News**
Prof. Pavel Dungl

**J.P.O.B**
Prof. Henry Bensahel

**Education**
Prof. Franz Grill


**IFPOS**
Executive Board

**President**
Prof. Seok Hyun Lee

**President elect**
Prof. Nando de Sanctis

**General Secretary**
Prof. Ken N. Kuo

**Treasurer**
Prof. David D. Aronsson

**Immediate Past President**
Prof. Morris Duhaime

**Ex-Officio**
Prof. Henri Bensahel
Prof. Shoichi Kokubun

**Scientific Committee**
Chair
Prof. Franz Grill

**Vice-Chair**
Prof. George Thompson
Prof. Giovanni Peretti

**Councillors**
- Dr. David Skagg
- Dr. Juan Couto
- Prof. In Ho Choi
- Prof. Toshio Fujii
- Dr. Marek Synder
- Prof. Shlomo Wientroub

**Member at Large**
Prof. Patricia Fucs
26th EPOS, 4th IFPOS Meeting Sorrento 2007
Opening Ceremony  EPOS/IFPOS

From left: Nando de Sanctis, Shlomo Wientroub, Seok Hyun Lee, Chadwick Smith, Lanfranco del Sasso, Vincenzo Riccio

Opening Ceremony
- Shlomo Wientroub – EPOS President
- Seok Hyun Lee – IFPOS President
- Chadwick F. Smith – SICOT President
- Lanfranco Del Sasso – SIOT President
- Vincenzo Riccio – SITOP President
- Nando de Sanctis – Congress Chairman

Concert of Neapolitan music
26th EPOS 4th IFPOS Meeting Sorrento 2007

Past, actual and future president of IFPOS

Morris Duhaime, Montreal, Seok Hyun Lee, Corea  Nando de Sanctis Napoli, Henri Bensahel Paris

The International Federation of Pediatric Orthopaedic Societies (IFPOS) had been founded by Henri Bensahel, Nando de Sanctis Morris Duhaime et al in 1998
26th EPOS 4th IFPOS Meeting  Sorrento 2007
Thursday afternoon April 12th: Visit to Pompeji

Eruption of volcano Vesuvio August 24th A.D. 79 destroyed Pompeji, Hercolano, and Stabiae in the gulf of Napoli

Apollo as an archer
Bronze, 100 B.C.
Report on EPOS-IFPOS Combined Meeting, Sorrento, Italy

From 11th to 14th April 2007, the 26th EPOS Congress with 4th IFPOS Congress was held in Sorrento realizing the 2nd EPOS-IFPOS Combined Meeting. There was a great crowd, many colleagues arrived from everywhere. Almost 550 paediatric orthopaedists representing 51 countries were present. There have never been so many people participating at one EPOS meeting. All of them received a special edition book about the 25 years of the EPOS History realized by Nando de Sanctis. 150 accompanying people attended the meeting. Sorrento was a spectacular frame with its rich surroundings of marvellous natural and archaeological beauty. The Congress Centre in the Hilton Sorrento Palace represented a charming venue. The scientific programme started on Wednesday morning with the pre-meeting Course on “Lower Limb Deficiencies” where more than 400 participants attended. The Congress started on Tuesday morning with “Update in Orthopaedic Oncology” a topical subject presented by 4 great experts followed by a session on tumors in the Musculo-skeletal system. On Friday “What is new in musculo skeletal infections” was the major topic followed by an infection session. On Saturday “New Horizons in Spine Surgery” with three important lectures showed the new techniques about the treatment of the Idiopathic and congenital scoliosis followed by two sessions about the spine. The free paper sessions were on “Developmental dysplasia of the Hip”, “Foot and Ankle”, “Trauma”, “Legg-Calve-Perthes Disease”, “Limb Reconstruction”, “Hip/Lower Extremity” and “Cerebral Palsy” with 123 presentations. 240 e-mail posters completed the scientific programme. All the congress was characterized by a high scientific level of presentations and of discussions and last but not least the punctuality of the sessions.

On Friday night during the gala dinner more than 300 people were present while Shlomo Wientroub and Ernesto Ippolito showed an iconographic reconstruction of the lives of Henri Bensanel and Ignazio Ponselti that in recognition of their services and scientific activity they received the Honor Medals Promaximus Meritis. Dancing and singing concluded the cheerful evening of the gala dinner. On Saturday evening, there was the closing ceremony where after the goodbyes and thanks of the local host the new IFPOS Board was presented. Finally, in a warm and friendly atmosphere the farewell dinner concluded the meeting.

Prof. Nando de Sanctis
Chairman of the Meeting
27th EPOS meeting April 8th-11th 2008
Warsaw Poland

Congress president
Marek Napiontek

EPOS president
Ernesto Ippolito

Sigismund Column infront of King’s Palace
27th EPOS Meeting  Warsaw 2008
Organizing committee on behalf of PPOS

Marek Synder  Lodz, Marek Jozwiak  Poznan, Marek Napiontek  Poznan, Slawomir Snela  Rzeszow, Jaroslaw Czubak Otwock
## EPOS Executive Board

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Nationality</th>
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<tbody>
<tr>
<td>President</td>
<td>Ernesto Ippolito</td>
<td>Italy</td>
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<tr>
<td>1st Vice-President</td>
<td>Andre Kaelin</td>
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<tr>
<td>2nd Vice-President</td>
<td>Dietrich Schlenzka</td>
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<tr>
<td>Past-President</td>
<td>Shlomo Wientroub</td>
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<tr>
<td>General Secretary</td>
<td>Pierre Lascombes</td>
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<td>Treasurer</td>
<td>Ruediger Krauspe</td>
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<td>Councillors</td>
<td>Jiri Chomiak</td>
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<td>Jaroslaw Czubak</td>
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<td>Deborah Eastwood</td>
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<td>Muharrem Yazici</td>
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<td>Scientific Committee</td>
<td>Fritz Hefti</td>
<td>Switzerland</td>
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<td>Historian</td>
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<td>Pavel Dungl</td>
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<td>JCOR</td>
<td>Henry Bensahel</td>
<td>Czech Republic</td>
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<td></td>
<td>Shlomo Wientroub</td>
<td>France</td>
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## EPOS Reading Committee

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<tr>
<th>Role</th>
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<tbody>
<tr>
<td>Chairman:</td>
<td>M. Yazici</td>
<td>Turkey</td>
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<tr>
<td>Members:</td>
<td>A. Andreacchio</td>
<td>Italy</td>
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<td>R. Brunner</td>
<td>Switzerland</td>
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<td>J. Czubak</td>
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<td>D. Eastwood</td>
<td>United Kingdom</td>
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<td>M. El-Sobky</td>
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<td>B. Moller-Madsen</td>
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<td>G. Pagnotta</td>
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<td>J. Peltonen</td>
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<td>J. Poul</td>
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<td>E. Segev</td>
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<td>W. Strobl</td>
<td>Austria</td>
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<td>T. Wirth</td>
<td>Germany</td>
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<td>R. Zeller</td>
<td>France</td>
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27th EPOS Meeting, Warsaw, 2008
Pre-meeting course Dega‘s Osteotomy

From left: Geraldo de Coulon, Marek Napiontek, Marek Jozwiak, Marek Synder, Jarek Czubak, Michael Millis, Dietrich Tönns, Rüdiger Krauspe, Franz Grill, Scott Mubarak, Baxter Willis, Reinald Brunner
Session 1. Hip in Adolescence
Chairman: Ernesto Ippolito
Moderator: Jarosław Czubak
08.10 - 08.29 Plenary Lecture 1
Periacetabular osteotomy for adolescent hip dysplasia: Technical aspects and long-term follow-up
Moritz Tannast

08.30 - 08.49 Plenary Lecture 2
Surgical dislocation
Michael Millis
08.50 - 08.55 1. Endoscopy assisted periacetabular osteotomy. A cadaveric study
Muhtarrem Inan
08.56 - 09.01 2. Ten year experience of periacetabular osteotomy in the treatment of hip dysplasia in adolescents
Jaroslaw Czubak
09.02 - 09.09 Discussion
09.10 - 09.15 3. Long-term results of Bernese periacetabular osteotomy to treat acetabular dysplasia
Michael Millis**
09.16 - 09.21 4. Changes in parameters describing gait in adolescents and young adults with dysplasia of the hip after Bernese periacetabular osteotomy.
Szymon Pietrzyk**
09.22 - 09.29 Discussion

Session 2. Cerebral Palsy, Neuromuscular Disorders and Upper extremity
Chairman: Reinald Brunner
Moderator: Marek Jozwiak
10.50 - 10.55 10. Botulinum toxin treatment of the biceps brachii muscle in children with cerebral palsy causes muscle tissue regeneration
Eva Pontén
10.56 - 11.01 11. Long-term use of Botulinum Toxin type a (Btx-A) in children with cerebral palsy: Treatment consistency
Guy Molenaeers
11.02 - 11.09 Discussion
11.10 - 11.15 12. Distal rectus transfer in children with cerebral palsy does improvement persist long term?
Freeman Miller**
11.16 - 11.21 13. Treatment of stiff knee gait in children with cerebral palsy
Ana Presedo
11.22 - 11.29 Discussion
11.30 - 11.35 14. Anthropometric measurements on growth of ambulant cerebral palsy children and adolescents
Manoussos Pentarakis, Dimitris Pasparakis
11.36 - 11.41 15. Results of orthopaedic surgery when the surgeons follow the gait analysis recommendations in children with cerebral palsy
Terje Terjesen
Anja van Campenhout
11.47 - 11.58 Discussion
27th EPOS Meeting, Warsaw, 2008
Scientific session: Hip in Adolescence

Ernesto Ippolito
Marek Napiontek
Jarek Czubak
Marek Synder
Michael Millis
Attentive audience
27th EPOS Meeting, Warsaw, 2008
Cerebral Palsy

Henri Bensahel, Marek Napiontek

Marek Jozwiak

Reinald Brunner

Siegfried Stotz Freeman Miller

Geraldo de Culon

Scott Mubarak
27th EPOS Meeting, Warsaw, 2008
Presidential Dinner in Lazienki Palace on the Water

Jarek Czubak in front of Lazienki Palace

String quartet

Nando de Sanctis, Marek and Emilia Napiontek, congress chairman
Marzena Czubak, Ernesto Ippolito, president EPOS
Jaroslaw Czubak, president Polish Pediatric Orthopaedic Society

Reinald Brunner, Michael Millis, André Kaelin
Kaye Wilkins, Françoise and Pierre Lascombes
Baxter and Sue Willis, Fritz Hefti
27th EPOS Meeting, Warsaw, 2008
City Tour

King’s Castle

Palace of Culture and Science

Syrenka Mermaid

Lazienki Palace on the water
Deborah Eastwood honour speech for Tony Catterall, Dietrich Tönnis honour speech by Rüdiger Krauspe
The whole settlement covers big area with a replica of typical Polish manor house from 17th century in the middle of it. Rustical interior of this building has been designed as a typical village inn from the Mazowsze Region from the turn of the 18th century. The most typical dishes of the traditional Polish cuisine are served. Additionally you will have the opportunity to listen to Polish folk music, see the folk dance performances and unique show of Polish art of fencing.
27th EPOS Meeting, Warsaw 2008
National Polish Gala Firleje

Andrea Andreacchio, Cosimo Gigante, Mohammed el Sobky, Michael Benson
27th EPOS Meeting
Warsaw 2008
Polish Gala in Firleje

Ernesto Ippolito
Sue Willis, Denise Richards
Marek Synder, Marek Jozwiak
Pierre and Françoise Lascombes
Ignacio and Cuca Sanpera
28th EPOS meeting April 1st - 4th 2009
Lisboa Portugal

Congress Chairman:
Manuel Cassiano Neves,

EPOS president
André Kaelin
28th EPOS meeting Lisboa 2009
Pre-meeting course
Non-idiopathic early onset scoliosis

EPOS 2009
PRE-MEETING COURSE
NON-IDIOPATHIC EARLY ONSET SCOLIOSIS
APRIL 1st, 2009,
LISBON

Course Program: Muharrem Yazici, Jorge Mineiro, M. Cassiano Neves, Andre Kaelin

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<thead>
<tr>
<th>Time</th>
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<th>Author</th>
</tr>
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<tbody>
<tr>
<td>14:30 - 14:45</td>
<td>Welcome and overview of the Course</td>
<td>Cassiano Neves</td>
</tr>
<tr>
<td>14:45 - 14:50</td>
<td>Normal and abnormal spine growth</td>
<td>Alain Dimeglio</td>
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<tr>
<td>14:50 - 14:55</td>
<td>Clinical evaluation of early onset spine deformities</td>
<td>Ruediger Krause</td>
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<td>14:55 - 14:59</td>
<td>Radiologic evaluation of early onset spine deformities</td>
<td>Jorge Mineiro</td>
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Clinical Approaches - Moderator: Andre Kaelin

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<tr>
<td>14:50 - 15:05</td>
<td>Congenital spine deformities</td>
<td>Gerard Bollini</td>
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<td>15:05 - 15:20</td>
<td>Cerebral palsy</td>
<td>Freeman Miller</td>
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<td>15:20 - 15:35</td>
<td>Myelomeningocele</td>
<td>Ismat Ghanem</td>
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<td>15:35 - 15:50</td>
<td>Duchenne &amp; Spine Muscular Atrophy</td>
<td>Dietrich Schlenzka</td>
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<td>15:50 - 16:05</td>
<td>Other neuromuscular disorders with scoliosis</td>
<td>Andre Kaelin</td>
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<tr>
<td>16:05 - 16:20</td>
<td>Discussion</td>
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16:20 - 16:45 COFFEE BREAK

When and How to treat - Moderator: Steve Richards

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<tr>
<td>16:45 - 17:00</td>
<td>Casting, bracing and traction</td>
<td>Charles Johnston</td>
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<tr>
<td>17:00 - 17:15</td>
<td>Indication for non fusion techniques in non idiopathic scoliosis</td>
<td>Charles Johnston</td>
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<tr>
<td>17:15 - 17:30</td>
<td>Instrumentation difficulties</td>
<td>Muharrem Yazici</td>
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<tr>
<td>17:30 - 17:45</td>
<td>Growth modulation techniques</td>
<td>Eric Wall</td>
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<tr>
<td>17:45 - 18:00</td>
<td>Growing rod</td>
<td>Muharrem Yazici</td>
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<tr>
<td>18:00 - 18:15</td>
<td>VEPTR</td>
<td>Fritz Hefti</td>
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<tr>
<td>18:15 - 18:30</td>
<td>Discussion</td>
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</tbody>
</table>
28th EPOS meeting Lisboa 2009
Pre-meeting course
Non-idiopathic early onset scoliosis

Steve Richards  
Charles Johnston  
Eric Wall  
Fritz Hefti  

Freeman Miller with large audience
28th EPOS meeting Lisboa Portugal
Pre-meeting course
Non-idiopathic early onset scoliosis

Rüdiger Krauspe
Alain Dimeglio
Gérard Bollini
Freeman Miller
Ismat Ghanem
Dietrich Schlenzka
28th EPOS meeting Lisboa 2009
Instructional Course Gait analysis
28th EPOS meeting Lisboa 2009
Instructional Course
Limb deformity preoperative planning
28th EPOS meeting Lisboa 2009
Executive Dinner

Deborah Eastwood
Bjarne and Anne Moeller-Madsen

Nando de Sanctis,
Casilda Epeldegui, José Canadel

José and Teresa Mesquita Montes,
Rozalia Dimitriou

Ernesto Ippolito, Franz Grill, Darko Anticevic, Jelena Vrohvac

Dennis Wenger  Colin Moseley  Tony Catterall
28th EPOS meeting Lisboa 2009
Executive Dinner

Françoise and Pierre Lascombes, Manuel Cassiano Neves

Irene Goerttler Krauspe Rüdiger Krauspe

Pavel Dungl, Ernesto Ippolito

André Kaelin, Kathy Wenger
28th EPOS meeting Lisboa 2009
Executive Dinner

Michael Benson, Deborah Eastwood, Franz Grill, Jiri Chomiak

André Kaelin, Anne Moseley, Nando de Sanctis, Teresa Mesquita Montes

Darko Anticevic Dietrich Schlenzka Bjarne and Anne Moeller-Madsen

Margret Tönnis, Hanna Wientroub, Dietrich Tönnis
28th EPOS meeting Lisboa 2009
Pro Maximis Meritis
José Mesquita Montes, Porto, Portugal

Manuel Cassiano Neves, José Mesquita Montes
André Kaelin

José and Maria Teresa Mesquita Montes
28th EPOS meeting Lisboa 2009
Scientific Program Trauma & Sports Injuries
“Decisions in the Dark“
28th EPOS meeting Lisboa 2009
Scientific Program Cerebral Palsy

Marek Jozwiak  
Tomas Epeldegui  
Reinald Brunner  
Elke Viehweger

Gunnar Hägglund  
Michael Vitale  
Unni Narayanan  
Vladimir Kenis  
Moon Seok Park  
Ignacio Martinez Caballero
### 28th EPOS meeting Lisboa 2009

#### Scientific Program Clubfoot, Tumours

**Chairman:** Ernesto Ippolito (Italy)

**Moderator:** Steve Richards (United States)

**Session 6. Foot and ankle & Clubfoot & Tumors**

<table>
<thead>
<tr>
<th>Time</th>
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<th>Contributors</th>
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<tr>
<td>14.30-16.00</td>
<td>Session 6. Foot and ankle &amp; Clubfoot &amp; Tumors</td>
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<tr>
<td>14.40-14.50</td>
<td>55. Successful correction of athetoid clubfoot with a modified Ponseti technique</td>
<td>Salih Marangoz, Harold Van Nouhuys, Dennis Smit, Wallace Leffman (United States)</td>
</tr>
<tr>
<td>14.50-15.00</td>
<td>56. A comparison of children with a history of clubfoot which underwent surgical or Ponseti treatment</td>
<td>Chris Cheng, Julie Cygan, Ahmad Dabbah, Durga Kowshigupa, Mohan Bedhi, Roland Staer, Dan Matson, John Harkenmberg, Freeman Miller (United States)</td>
</tr>
<tr>
<td>15.00-15.10</td>
<td>57. Treatment of complex foot deformities in children with the Taylor Spatial Frame</td>
<td>Mark Eidelman, Alexander Katzman, Yosef Koren (Israel)</td>
</tr>
<tr>
<td>15.10-15.20</td>
<td>58. Osseous correction in patients younger than 14 years old</td>
<td>José Luis Benages, Júlio Duarte, Miguel San Julián (Spain)</td>
</tr>
</tbody>
</table>

**Speakers:**

- Ernesto Ippolito
- Steve Richards
- Franck Chotel
- Salih Marangoz
- Bettina Westhoff
- Mark Eidelman
- Federico Canavese
- John Dormans
Saturday, April 4
08.00–12.00  
**Session 7. Hip & Lower Extremity**

**Chairman**  
Rüdiger Krauspe (Germany)

**Moderator**  
Gaetano Pagnotta (Italy)

08.00–08.10  
63. Increase intracapsular pressures after unstable slipped capital femoral epiphysis  
Jose A Herrera-Soto, Kelly Vander Have, Michael Duffy, Mark Birnbaum (United States)

08.10–08.20  
64. Acute, severe, unstable SCFE: Results of a delayed cuneiform neck osteotomy without surgical dislocation of the hip  
Deborah Eastwood, Simond Jagernauth, Karl Logan, Aresh Hashemi-Nejad (United Kingdom)

08.20–08.30  
65. Delayed diagnosis and misdiagnosis of slipped capital femoral epiphysis  
Christina Neila, Nikolaos Papandreou, Vassilios Tsouparopoulos, Dimitrios Pasparakis (Greece)

08.30–08.40  
66. Symptomatic femoroacetabular impingement following mild slipped capital femoral epiphysis after pinning in-situ**  
Lorenz Büchler, Harish Hosalkar, Timo Schmid, Moritz Tannast, Klaus Siebenrock (Switzerland)
28th EPOS meeting Lisboa 2009
Scientific Program Hip & Lower Extremity

08.50–09.00  68. Cruciate ligaments aplasia in patients with PFVD
Martin Ostadal, Jiri Chomiak, Monika Frydrychova, Pavel Dangl (Czech Republic)

09.00–09.10  69. Superhip procedure for reconstruction of the hip in congenital femoral deficiency
Catharina Chiari, Monica Neicu, Geoffrey Crandall, John Herzenberg, Shawn Standard, Drec Paley (United States)

09.10–09.20  70. Preliminary experience using Fasciol-Devil telescopic intramedullary system in the treatment of osteogenesis imperfecta
Thomas Wirth, Katrin Schelling (Germany)

09.20–09.30  71. Sheffield intra-medullary telescoping nail system for managing recurrent fractures and deformity problems in the long bones of the lower limbs in children**
Riazuddin Mohammed, Christopher Braddock (United Kingdom)

09.30–09.40  72. Residual deformities following treatment of pseudarthrosis of tibia
Chakravarthy U Dussa, Leonhard Doederlein (Germany)

09.40–09.50  73. Virtual surgery using 3D-CT images for preoperative planning of periacetabular osteotomy in hip dysplasia
Soon Hyuck Lee, Sang Won Park (Korea)

09.50–10.00  74. Effect of innominate and varus-derotation osteotomy on acetabular development in developmental dysplasia of the hip**
R. Andreas Roposch, G. Spence (United Kingdom), R. Hocking, John Wedge (Canada)
28th EPOS meeting Lisboa 2009
Scientific Program Upper extremity

11.00–11.10  48. Arthroscopic release for shoulder internal rotation contracture secondary to brachial plexus birth palsy
               Abdelaziz Abid, Jean Kany, Franck Accadbled, Philippe Darodes, Gorka Knörr, Jérôme Sales De Gauzy, Jean Philippe Cahuzac (France)

11.10–11.20  49. Results of modified Woodward operation for severe Sprengel’s deformity
               Alaaeldin A Ahmad (Palestinian Territory), Hugh Watts (United States)
28th EPOS meeting Lisboa 2009
Congress Dinner KAIS Restaurant

Franz Grill Shlomo Wientroub

Edel Parsch Margret Tönnis
Dietrich Tönnis Klaus Parsch

José Mesquita Montes Jérôme Bérard
Jean Michel Clavert
28th EPOS meeting Lisboa 2009
Congress Dinner KAIS Restaurant

Michèle Bensahel, André Kaelin, Gérard Bollini

Desirée Moharamzadeh, Maurizio de Pellegrin

Martha Mackenzie, Denise Richards

Teresa and José Mesquita Montes Manuel Cassiano Neves Jelena Vrohvac
28th EPOS meeting Lisboa 2009
Visit Belem

Coffe/tea & pastries
Pasteis de Belem

From right: Freeman Miller, Viktor Bialik, Gadi Bialik, Ivan Krajbich, Diana Holmes
29th EPOS meeting Zagreb, Croatia
April 7th-10th 2010

Congress President
Darko Anticevic

Saint Markus Church, Zagreb

EPOS President
Dietrich Schlenzka
# 29th EPOS meeting Zagreb, 2010

## Pre-Meeting Course

### Legg-Calvé-Perthes Disease

**EPOS 29th Annual Meeting 2010**

**Pre-Meeting Course**

**Wednesday, April 7, 2010**

**Hotel Westin Zagreb, Croatia**

**“Legg-Calvé-Perthes Disease—One Century after”**

**Course Program:** Alain Diméglio, Rudiger Krauspe, Dietrich Schlenzka, Darko Anticevic

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<td>Welcome and introduction&lt;br&gt;D. Schlenzka, D. Anticevic</td>
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<td>14:05-15:50</td>
<td>Basic science, aetiology, prognosis&lt;br&gt;Chairmen: Guy Fabry, Rudiger Krauspe</td>
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<td>14:05-14:25</td>
<td>Perthes disease - Pathology and indications for treatment&lt;br&gt;Antony Catterall, UK</td>
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<td>14:25-14:40</td>
<td>Hypercoagulability in the aetiology of LCP disease&lt;br&gt;Shlomo Wientroub, Israel</td>
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<td>14:40-14:55</td>
<td>Alteration of collagen metabolism in Perthes disease as an indicator for a systemic aetiology&lt;br&gt;Bettina Westhoff, Germany</td>
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<td>14:55-15:10</td>
<td>Legg-Calvé-Perthes disease and age&lt;br&gt;Alain Diméglio, France</td>
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<td>15:10-15:25</td>
<td>Current state and directions in research of LCP&lt;br&gt;Richard Bowen, USA</td>
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<td>15:25-15:50</td>
<td>Discussion</td>
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<td>15:50-16:20</td>
<td>Coffee break—refreshments</td>
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<td>16:20-18:30</td>
<td>Choices of management&lt;br&gt;Chairmen: Tony Catterall, Alain Diméglio</td>
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<td>16:20-16:35</td>
<td>Treatment of LCP disease—is there a consensus?&lt;br&gt;Fritz Hefi, Switzerland</td>
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<td>16:35-16:50</td>
<td>Proximal femoral varus osteotomy in the treatment of Perthes disease&lt;br&gt;Terje Terjesen, Norway</td>
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<tr>
<td>16:50-17:05</td>
<td>Salter osteotomy in Legg-Calvé-Perthes disease&lt;br&gt;George H. Thompson, USA</td>
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<tr>
<td>17:05-17:20</td>
<td>Advanced Containment Methods for Perthes Disease: Triple Acetabular Osteotomy&lt;br&gt;Dennis R. Wenger, USA</td>
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<td>17:20-17:35</td>
<td>Management of the late pain - in the era of surgical dislocation of the hip&lt;br&gt;Antony Herring, USA</td>
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<td>17:35-17:50</td>
<td>Perthes disease - Management of the older child&lt;br&gt;Antony Catterall, UK</td>
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<td>17:50-18:20</td>
<td>Discussion</td>
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<td>18:20-18:30</td>
<td>Wrap-up—Alain Diméglio</td>
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29th EPOS meeting Zagreb 2010
Pre-Meeting Course
Faculty: Legg-Calvé-Perthes Disease
29th EPOS meeting Zagreb, 2010
Welcome Reception

Sue Willis, Peter Cundy, Jenny Cundy

Jiri Chomiak, Perry and Sally Schoenecker, Zaid Al Aubaidi, Stephanie Böhm

Terje Terjesen, Jaroslaw Czubak

Hossein Shahcheraghi Javid Mahzad Bjarne Moeller-Madsen

Atef Zaky, Yehia and Maha Tarraf
29th EPOS meeting Zagreb, 2010
Welcome Reception

Giovanni di Gennarro and family
Manoj Ramachandran, Menahem Singer
David Stary, Ladislaw Pianka
George and Janice Thompson
Peter Waters, Steve Richards, Jim Roach
29th EPOS meeting Zagreb, 2010
Welcome Reception

Ivan Hvid, Hanne Hedin, Marek Synder
Gordana and Sandor Roth, Charles Mehlman
Mohammed and Mona El Sobky

Ralph Sakkers and Barbara Mees
Andrew Wainwright, Andreas Roposch
29th EPOS meeting Zagreb, 2010
Scientific program opening day

First row: André Kaelin, Jiri Chomiak, Tomas Epeldegui
Second row: Aysegül Bursali, Dale Blasier, Marek Jozwiak, Marek Napiontek, John Dormans, Peter Waters, Hanne Hedin, Ivan Hvid
# 29th EPOS meeting Zagreb, 2010

## Scientific Program DDH

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<th>Time</th>
<th>Session 4 – DDH</th>
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<td>08.00–10.00</td>
<td>Chairman: Dennis R. Wenger, United States&lt;br&gt;Moderator: Deborah Eastwood, United Kingdom</td>
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<td>8.00–8.10</td>
<td>28. Variation in diagnostic criteria for developmental dysplasia of the hip among orthopaedic surgeons***&lt;br&gt;Andreas Roposch, Liang Q Liu, Fritz Hefti, Nicholas MP Clarke, John H Wedge (United Kingdom)</td>
</tr>
<tr>
<td>8.10–8.20</td>
<td>29. The rational strategies for detecting developmental dysplasia of the hip at the age of 2–5 months old infants: a prospective study&lt;br&gt;Anton Tudor, Branko Sestan, Ivan Rakovac, Tomislav Prpic (Croatia)</td>
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<tr>
<td>8.20–8.30</td>
<td>30. Treatment of late presenting developmental dislocation of the hip by progressive closed reduction and innominate osteotomy. Result with more than 30 years of follow up&lt;br&gt;Christian Morin, Javier Bisogno (France)</td>
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<tr>
<td>8.30–8.40</td>
<td>31. Long-term results of open versus closed reduction in DDH: is open reduction always worse?&lt;br&gt;Thomas Wirth, Yvonne Wirth (Germany)</td>
</tr>
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<td>8.40–8.50</td>
<td>32. A consecutive case series review of open reductions for DDH over 5 years: what are the implications for current screening programmes: using this proxy measure for failure?&lt;br&gt;Deborah Eastwood, Anish Pradip Sanghrajka, Claire Murnaghan, Andreas Shekkeris, Robert Hill, Andreas Roposch (United Kingdom)</td>
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<tr>
<td>8.50–9.00</td>
<td>33. No protective effect of the ossific nucleus was found on the development of avascular necrosis after reduction of a dislocated hip&lt;br&gt;Odeh Odeh, John H Wedge, Andreas Roposch (United Kingdom)</td>
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<td>9.00–9.10</td>
<td>34. Bilateral DDH has poorer outcomes&lt;br&gt;Ken N Kuo, Kwan Wen Wu, Ting Ming Wang, Shier Chieg Huang (Taiwan)</td>
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<td>9.10–9.20</td>
<td>35. Results of Dega acetabulopasty in congenital hip dislocation&lt;br&gt;Virginie Rampal, Elena Arellano, Y Boubakeur, Raphael Seringe, Philippe Wicart (France)</td>
</tr>
<tr>
<td>9.20–9.30</td>
<td>36. Long-term results of Chiari’s pelvic osteotomy&lt;br&gt;Catharina Chiari, Heidrun Hofmann, Jochen G Hofstaetter, Andreas Lunzer, Eleonora Wanke-Jellinek, Philipp Peloschek, Rainer Kotz (Austria)</td>
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<tr>
<td>9.30–9.40</td>
<td>37. Evaluation of surgeons’ decisions, regarding the need for secondary surgery, in DDH&lt;br&gt;Hakan Omeroglu, Haluk Agus, Ali Bicimoglu, Yucel Tumer (Turkey)</td>
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<tr>
<td>9.40–9.50</td>
<td>38. Delayed reduction in congenital dislocation of the hip and the need for secondary surgery: radiological predictors and confounding variables&lt;br&gt;Nicholas Clarke, Abdul Wahed, Sariyah Alhallaq, David Culliford, Ben Bolland (United Kingdom)</td>
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<td>9.50–10.00</td>
<td>39. Evaluation of treatment results of developmental dysplasia of the hip in walking age children&lt;br&gt;Nicole Annette Marie Heesakkers, Melinda ME Wittbreuk, P P Besselaar, Patrick G Maathuis, J A Van Der Slijs (Netherlands)</td>
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29th EPOS meeting Zagreb, 2010
Scientic program hip & lower limb

Chairman: Franz Grill
Moderator: Rüdiger Krauspe

**10.30–12.00 Session 5**
**Hip and Lower Extremity**

**Chairman**  
Franz Grill, Austria

**Moderator**  
Rudiger Krauspe, Germany

**10.30–10.40**  
40. Vascularized fibular periosteal flap: a new technique to enhance bone union in children  
Francisco Soldado, Marius Aguirre, Cesar G Fontecha, Ignasi Barber, Roberto Velez, Alfonso Rodriguez-Baeza (Spain)

**10.40–10.50**  
41. Limb lengthening and treatment of axial deviations in children  
Ghassan M Salameh, Michael Schmidt (Syrian Arab Republic)

**10.50–11.00**  
42. Results of leg lengthening using a fully implantable motorized intramedullary nail  
Rudolf Ganger, Albert Handlbauer, Christof Radier, Franz Grill (Austria)

**11.00–11.10**  
43. The use of bovine bone graft in pelvic osteotomies in children  
Philip Henman, Jonathan Loughead, Rajesh Battacharya (United Kingdom)

**11.10–11.20**  
44. Ilizarov limb lengthening and reconstructive surgery for the management of severe type II fibular hemimelia without amputation  
Mohamed Mostafa Hosney El-Sayed, I Correll, M Baise, K Pholig (Egypt)

**11.20–11.30**  
45. Femur lengthening in congenital short femur using ring fixator: Aschau experience  
Chakravarthy Ugandhar Dussa, Miriam Riemann, Leonard Doederlein (Germany)

**11.30–11.40**  
46. Knee physiosis: does age and location of the physis affect the results?  
Henrik Laue-Pedersen, Katharina Delhusen, Philippe Wagner, Gunnar Haggblund (Sweden)

**11.40–11.50**  
47. Radiological assessment of Fassier-Duval tibial rodding in patients with osteogenesis imperfecta  
James Halloran, Francois Fassier, Norine Alam (Canada)

**11.50–12.00**  
48. Can Blount’s disease heal spontaneously?  
Jean Marc Laville, Yan Wiert, Frederic Salmeron (France)
“Restitutio per crescentiam. The story of the growth plate”
29th EPOS meeting Zagreb, 2010
Gala Dinner

Kathy and Tony Herring
Denise and Steve Richards
Fritz and Christiane Hefti
Mohammed el Sobky  Barbara Mees and Ralph Sakkers
Judith and Richard Bowen
29th EPOS meeting Zagreb, 2010
POSNA Travelling Fellows

Alexandre Arkader Los Angeles CA, past-president POSNA Perry Schoenecker, Christopher Iobst, Miami FL, Ron El Hawary Halifax Canada
29th EPOS meeting Zagreb, 2010
Visit of Croatian State Archives
29th EPOS meeting Zagreb, 2010
Croatian State Archives

Dietrich and Anna Schlenzka, Jim and Elizabeth Roach, Steve Richards, André Kaelin, Pierre Moens, Carol Kaelin, Gérard and Catherine Bollini, Tony and Kathy Herring

Hakan Ömeroglu, Patricia Fucs, Franz Grill, Mohammed al Sobky Ralph Sakkers, Françoise Lascombes, Janice Thompson, George Thompson
29th EPOS meeting Zagreb, 2010
Presidential Dinner

Manuel Cassiano Neves   Bjarne Moeller-Madsen

John Dormans   Peter Waters

Edel and Klaus Parsch

Glyn Benson   Jan van der Eijken
29th EPOS meeting Zagreb, 2010
Presidential Dinner

Gaetano Pagnotta, Pietro Frediani, Laura Pagnotta, Nando de Sanctis, Ernesto Ippolito, Renato Facchini

Francois Fassier, Patricia Fucs

Glyn Benson, Catherine Bollini, Françoise Lascombes, Bibi van der Eijken
29th EPOS meeting Zagreb, 2010
Pro Maximis Meritis
Sandro Dal Monte Bologna, Italy

Prof. Allesandro Dal Monte Instituto Rizzoli Bologna

EPOS 1985 in Bologna

Honour speech
Gaetano Pagnotta
29th EPOS meeting Zagreb, 2010
Pro Maximis Meritis
Guy Fabry Leuven, Belgium

Guy Fabry, University of Leuven Pellenberg

Honour speech Pierre Moens

Guy Fabry with PMM handed by Franz Grill
29th EPOS meeting Zagreb, 2010
Pro Maximis Meritis
Jan van der Eijken Amsterdam, Holland

Jan van der Eijken, Onze Lieve Vrouwe Gasthuis
Amsterdam, The Netherlands

Honour Speech
Ralph Sakkers
29th EPOS meeting Zagreb, 2010
Pro Maximis Meritis
Michael Benson, Oxford United Kingdom

Michael Benson  Nuffield Orthopaedic Centre
Oxford, England

Honour Speech
Deborah Eastwood

Michael Benson Dietrich Schlenzka
29th EPOS meeting Zagreb, 2010
Gala Dinner

Darko Anticevic

The clown watched by Sandor Roth

Ralph Sakkers, Aune Osterman, Rüdiger Krauspe, Christiane and Fritz Hefti

Dale Blasier, Charles Mehlman
29th EPOS meeting Zagreb, 2010
Gala Dinner

Nando de Sanctis, Ernesto Ippolito, Fabiola de Sanctis Tomas Epeldegui, Alain Dimeglio, André Kaelin, John Dormans
30th EPOS meeting Basel, Switzerland
April 6th - 9th 2011
30th EPOS meeting Basel, 2011

Congress Center BASELWORLD

Basel Münster
30th EPOS meeting Basel 2011

Basel Münster view from the Rhine Bridge
30th EPOS meeting Basel, 2011
Advanced Course on Cerebral Palsy

EPOS ADVANCED COURSE

Overview in CP Concepts
Course program: Reinald Brunner

TUESDAY 05.04.2011
13h30-15h00 Gait in CP
Chair: Reinald Brunner

15h40-17h00 Functional Deformities in Walking CP Patients
Chair: Tim Theologis

17h05-18h00 Management of Spasticity: Neurological Treatment
Chair: Andrew Roberts

WEDNESDAY 06.04.2011
09h00-10h20 Hip Dislocation in CP
Chair: James Robb

10h50-12h00 Functional Deformities in Walking CP Patients
Chair: Tim Theologis

Reinald Brunner
James Robb
Mark Paterson
Gunnar Hägglund
Freeman Miller
30th EPOS meeting Basel, 2011
Pre-meeting course
Adolescent Idiopathic Scoliosis

Carol Hasler                        Dror Ovadia                   Muharrem Yazici           Alain Dimeglio
Pierre Lascombes             Daniel Studer          Rüdiger Krauspe
30th EPOS meeting, Basel 2011
Scientific program Clubfoot

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<th>Time</th>
<th>SESSION 2: The Pediatric Foot - Clubfoot, Flatfoot</th>
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<td>10</td>
<td>A new method for compliance measurement in the</td>
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<td>Ponseti method for treating idiopathic clubfoot</td>
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<td>by using a temperature data logger</td>
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<td>11</td>
<td>Transition from Surgery to Ponseti in the</td>
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<td>Management of Idiopathic Club Foot: 20 Years</td>
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<td>Experience</td>
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<td>12</td>
<td>Ponseti Treatment for Non-Idiopathic Clubfeet</td>
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<td>has Modest Success</td>
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Authors:
- Stephanie Boehm, Andrew Wainwright, Ana Ey Battle, Mark Gaston, Carol Hasler, Marc Sinclair
- Atef A. Zaky Hanna, Maged R. Hanna, Mohammed EI-Sobky, Yehia N.Tarraf
- B. Stephens Richards, Shawne T.Faulks, Lori A.Karol, Karl A.Rathjen

Shlomo Wientroub  Stephanie Böhm  Stephen Richards
30th EPOS meeting Basel, 2011
Scientific program Clubfoot

Mohammed El Sobky
Olivier Badelon
Maurizio de Pellegrin
Ernesto Ippolito
William Mackenzie
Perry Schoenecker
30th EPOS meeting, Basel 2011
Scientific program Vertical talus

14  10h28  Treatment of vertical talus with the Dobbs method
15  10h35  Congenital convex foot (vertical talus): evaluation of surgical management

O. Eberhardt, F. F. Fernandez, T. Wirth
Ramanoudjame Mira, Seringe Raphaël, Glorion Christophe, Wicart Philippe.

Oliver Eberhardt  Ramanoudjame Mira
### 30th EPOS meeting, Basel, 2011

**Scientific program DDH**

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<td>20 14h00</td>
<td>Surgeons’ Consistency in Rating Criteria for the Diagnosis of Developmental Dysplasia of the Hip was Poor</td>
<td>Andreas Roposch, Duwanka Kulaveerasamy, Liang Q Liu</td>
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<td>21 14h07</td>
<td>Hip dysplasia in children: MRI analysis of the acetabulum cartilaginous coverage</td>
<td>Pierre Jouneeau, Marc Legnante, Laurence Mannard-Simard, Dimitri Popkov, Thierry Haumont, Pierre Lascombes</td>
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<td>22 14h14</td>
<td>Reduced femoral head cover as risk factor for osteonecrosis in 45 years follow-up of late-detected hip dislocation</td>
<td>Terje Terjesen</td>
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<td>23 14h21</td>
<td>Are Symptoms in Patients with Hip Dysplasia and Femoroacetabular Impingement associated with Findings in Magnetic Resonance Arthrography?</td>
<td>David Stetzeneder, Talal C. Mamisch, Inge Kress, Stephan E. Domayer, Stefan Werlen, Michael B. Millis, Young-Jo Kim</td>
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<td>24 14h28</td>
<td>Adolescent Athletes can Return to Previous Level of Athletic Activity Following Surgical Dislocation of the Hip</td>
<td>Eduardo N. Novaes, Benton E. Heyworth, Young-Jo Kim, Michael B. Millis</td>
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<td>25 14h35</td>
<td>Five Years follow-up after Abee procedure in an adolescent population</td>
<td>J-L Jouve, B.Blondet, G.Armaganian, S.Paratte, F.Launay, G.Bollini</td>
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<td>26 14h42</td>
<td>Treatment of decentered hip joints before and after sonographic newborn hip screening using the GRAFT method – A comparative cohort study</td>
<td>Tschauer Christian, Fürntruth Frank, Schwantzer Gerold, Berghold Andrea</td>
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<td>27 14h49</td>
<td>Reproducibility of different screening classifications in ultrasonography of the newborn's hip</td>
<td>C-D. Petariel, K-F. Schütter, N. Timmenfeld, S. Fuchs-Winkelmann, M.D. Schofer</td>
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### Chairmen: Unni Narayanan (Canada), Christian Tschauner (Austria)

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<tr>
<td>Graf Type IIa Hips Needs More Consideration in Female Babies</td>
<td>Hakan Omeroglu, Remzi Caylak, Ulukan Inan, Nusret Kose</td>
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<td>Long Term Follow Up of Open Reduction Surgery for Developmental Dislocation of the Hip</td>
<td>James Roach</td>
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<td>Correlation of femoral head coverage and Graf α angle in infants being screened for developmental dysplasia of the hip</td>
<td>C. Gunay, H. Atalar, H. Dogruel, O. Y. Yavuz, I. Uras, U. Sayli</td>
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<td>Concentric Reduction of the Femoral Head in Childhood Hip Dysplasia: A Precise Definition Based on MR Imaging</td>
<td>Hui-Taek Kim, In-Bo Kim, Jong-Seo Lee</td>
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<td>Do we need both static and dynamic USG to evaluate developmental dysplasia of the hip?</td>
<td>Neslihan Tasdelen, Nilay Soydan, Muharrem Inan, Fulya Ustunkan</td>
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30th EPOS meeting, Basel, 2011
Scientific program
pediatric foot, leg lengthening

FRIDAY 08.04.2011 08H00 - 18H00

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<th>Time</th>
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<td>08h00</td>
<td>Classification and Treatment of Talocalcaneal Coalitions</td>
<td>Scott J. Mubarak, George D. Gantous, Joanna Roocroft, Dennis R. Wenger</td>
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<td>08h07</td>
<td>Arthroscopic excision of the calcaneo navicular coalition: anatomical</td>
<td>F. Accadbled, J. Knörr, J. Laborde, A. Abd, J. Sales de Gauzy</td>
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<td>study and preliminary results</td>
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<td>08h14</td>
<td>The split tibialis posterior tendon transfer for the correction of</td>
<td>M. Vlachou, A. Verykakakis, D. Dimitriadis</td>
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<td>spastic equinovarus hind foot deformity</td>
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<td>08h21</td>
<td>Medial column stabilization improves the result of calcaneal lengthening</td>
<td>Ken N. Kuo, Ting-Ming Wang, Che-Nan Huang, Kuan-Wen Wu, Shier-Chie Huang</td>
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<td>in cerebral palsy</td>
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<td></td>
<td>Questionnaire</td>
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<tr>
<td>08h35</td>
<td>Percutaneous distal metatarsal osteotomy for correction of adolescent</td>
<td>Mark Eldemari, Alexander Katzman</td>
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<td></td>
<td>hallux valgus</td>
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<tr>
<td>08h42</td>
<td>Irregular: clinical and radiological descriptions and critical analysis</td>
<td>Loriau Philippe, Senne Rafael, Gronion Christophe, Wicart Philippe</td>
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<td></td>
<td>of treatment methods</td>
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<tr>
<td>08h49</td>
<td>Polydactyly of the foot: is timing of surgery critical for mid-term</td>
<td>Kubat O., Šmigovec I., Dapić T., Antičević D</td>
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<td></td>
<td>outcome?</td>
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# 30th EPOS meeting, Basel, 2011

## Scientific program

**DDH, SUFE, LCPD**

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<th>Authors</th>
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<tr>
<td>10h20</td>
<td>Is Acetabular Growth in Severe DDH in Newborns Age-related?</td>
<td>M.De Pallegin, C.Bonifacini, D.Moharamzadeh</td>
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<tr>
<td>10h27</td>
<td>Results of the Austrian Ultrasound Screening Program for developmental dysplasia of the hip</td>
<td>Thallinger, Ganger, Radler, Grill, R. Pospischill</td>
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<td>10h34</td>
<td>Predicting Factors for the Development of Osteonecrosis after the Treatment of the Developmental Dislocated Hip</td>
<td>Renata Pospischill, Julia Weninger, Johannes Altenhuber, Franz Grill</td>
</tr>
<tr>
<td>10h41</td>
<td>The tamponade effect of unstable slipped capital femoral epiphysis.</td>
<td>Jose A. Herrera-Soto, Allison E. Crepeau, Mark Bimbaum, Jay Albright; Kelly L. Vander Have</td>
</tr>
<tr>
<td>10h48</td>
<td>Pincer Lesion in Post Slipped Capital Femoral Epiphysis</td>
<td>Jeremy P.Bauer, Dennis R.Roy</td>
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<tr>
<td>10h55</td>
<td>Early Experience with the Subcapital Re-Alignment Osteotomy via Surgical Hip Dislocation and Modified Fixation Technique for Severe SFSE: 24 Cases</td>
<td>Oliver Birke, Paul Gibbons, David G Little</td>
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<tr>
<td>11h02</td>
<td>Slipped Capital Femoral Epiphysis: Rising Rates of Obesity and Aboriginality in South Australia</td>
<td>Nguyen A, Ling J, Gomez B, Antoniou G, Sutherland L.M, Cundy P.J</td>
</tr>
<tr>
<td>11h09</td>
<td>Abstract: Management of slipped upper femoral epiphysis: Results of a survey of the membership of the European Paediatric Orthopaedic Society.</td>
<td>R.J.A. Sonnegå, J.A. van der Stuijs, A.Wainwright, A.Roposch, F.Hefti</td>
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<tr>
<td>11h16</td>
<td>Legg-Calvé-Perthes disease and risks for injuries and fractures</td>
<td>Yasmin D.Haier, Scott M Montgomery, Anders Ekbom, Shahram Bahranyar</td>
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<td>11h23</td>
<td>Combined Bernese Periacetabular Osteotomy (PAO) and Surgical Hip Joint Dislocation (SHD) for Correction of Symptomatic Perthes-like Complex Hip Joint Deformity</td>
<td>Perry L.Schoenecker, Thomas Roy, Gail Pashos, John C.Clohisy</td>
</tr>
<tr>
<td>11h30</td>
<td>Increased Circulating Soluble Selectins, Reflecting Activated Platelets Associated with Activated Endothelium, in Legg-Calvé-Perthes Disease</td>
<td>Vusal Ismayilov, Duygu Yazgan Aksoy, Nilgün Sayınalp, İbrahim Celelletin, Hazine Daroğlu, Muntaz Alpaslan, Mehmet Cemalettin Aksoy</td>
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</table>
30th EPOS meeting, Basel 2011
Pro maximis merit
Franz Grill, Vienna, Austria

Franz Grill receives PMM Award from president Tomas Epeldegui

Balthasar Streiff, alphorn-acrobat
### SESSION 6: Knee

**Chairmen:** Deborah Eastwood (United Kingdom), Carlo Camathias (Switzerland)

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<th>Time</th>
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<tr>
<td>58 14h22</td>
<td>Congenital Dislocation of the Knee: A Protocol for Management Based on Degree of Knee Flexion</td>
<td>Tarek Hassan Abdelaziz, Shady Samir</td>
</tr>
<tr>
<td>59 14h29</td>
<td>Bioabsorable lag screw fixation of knee osteochondritis dissecans in the skeletally immature.</td>
<td>Genning K, Festring J, Gaston MS, Camathias C</td>
</tr>
<tr>
<td>60 14h36</td>
<td>A Novel Osteotomy for Acute Correction of Severe Adolescent Blounts' Disease – Surgical technique and preliminary results</td>
<td>Kwong S.M, A. Chowdhary, Hui J.H.P</td>
</tr>
<tr>
<td>61 14h43</td>
<td>Habitual Patella Dislocation In Extension And Traumatic Patella Dislocation In Children And Adolescents ------ An Entity In Continuum?</td>
<td>James Hui; Mala Satku; Kenon Chua</td>
</tr>
<tr>
<td>62 11h50</td>
<td>Intercondylar Notch Dimensions and Growth Patterns in Young Pediatric Patients</td>
<td>Sommer Hammoud, Christopher K. Kepler, Frank Aversano, Hollis G. Potter, Daniel W. Green</td>
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</table>
“For the children, with the children, by the children “
30th EPOS meeting, Basel 2011
Scientific session
Cerebral palsy

<table>
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<tr>
<th>Time</th>
<th>SESSION 8: Cerebral Palsy, Fractures</th>
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<td>71</td>
<td>16h50 Outcome of single event multilevel surgery in 121 children with cerebral palsy using the Movement Analysis Profile and the Gait Profile Score</td>
<td>Erich Rutz, Richard Baker, Oren Tirosh, Elyse Passmore, H Kerr Graham</td>
</tr>
<tr>
<td>100</td>
<td>16h57 Predictive factors to determine the outcome after Single Event Multilevel Surgery for gait correction in children with cerebral palsy using the Gait Profile Score</td>
<td>Erich Rutz, Susan Donath, Richard Baker, Oren Tirosh, Elyse Passmore, H Kerr Graham</td>
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<td>72</td>
<td>17h04 Upper Limb Injections of Botulinum Toxin Type A In Children with Cerebral Palsy: Evaluation of Treatment by Goal Attainment Scaling</td>
<td>Fagard K, Desloovere K, Molenaers G</td>
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<td>73</td>
<td>17h11 Parental Issues of Concern before Single-Event Multilevel Surgery in Patients with Cerebral Palsy</td>
<td>Chin Youb Chung, Moon Seok Park, Kyoung Min Lee, Sang Hyeong Lee †, In Ho Choi, Tae-Joon Cho, Won Joon Yoo</td>
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<tr>
<td>74</td>
<td>17h18 Validity of the Indices for hip flexor function in patients with cerebral palsy - clinical application of psoas length-</td>
<td>Chin Youb Chung, Moon Seok Park, Kyoung Min Lee, Sang Hyeong Lee †, In Ho Choi, Tae-Joon Cho, Won Joon Yoo</td>
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### SESSION 9: Spine

**Chairmen:** Dietrich Schlenzka (Finland), Dror Ovadia (Israel)

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<tr>
<td>Z. Deniz Olgun, Gokhan Demirkiran, Mehmet Ayaz, Emre Karadeniz, Muharrem Yazici</td>
<td>Effect of Pedicle Screw Insertion on Pedicle and Canal Development in Young Children</td>
</tr>
<tr>
<td>Cundy TR, Sutherland LM, Antoniou G, Freeman BJ, CUNDY PJ</td>
<td>Surgical Site Infection Following Spinal Instrumentation for Scoliosis: Lessons Learned from An Analysis of 1,352 Procedures at Three Centers</td>
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<tr>
<td>Anna EY Battle, Imma Vilaia Vidal, Norberto Ventura Gómez</td>
<td>Serum Titanium Levels Following Paediatric Spinal Arthrodesis</td>
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<td>Christina K Hardesty, Connie Poe-Kochert, Jochen Son-Hing, George H Thompson</td>
<td>Incidence of Complete Spinal Instrumentation Removal Following Deformity Surgery: A 16 Year Retrospective Review</td>
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<tr>
<td>Kenon Chue; James Hui; Wong Hee Kit; Daniel Goh; Lee Eng Hin</td>
<td>Surgical Treatment of Idiopathic Extension Contracture of the Ligamentum Nuchae</td>
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<tr>
<td>Dietrich Schlenzka, Tuomas Jalanko, Ilkka Helenius, Ville Rames, Tommi Lamberg, Pekka Tervahartiala, Timo Ylönén, Mikko Poussa</td>
<td>Long-Term Follow Up of Pulmonary Function and Scoliosis in Patients with Duchenne’s Muscular Dystrophy and Spinal Muscular Atrophy</td>
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<tr>
<td>Peter Cundy</td>
<td>Are Patients Participating in Sports After Posterior Spine fusion for Adolescent Idiopathic Scoliosis? Distal Level of Fusion Correlates With Postoperative Activity Level</td>
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<tr>
<td>George Thompson</td>
<td>Adolescent idiopathic scoliosis treated with Rigo system Cervera brace - factors associated with success.</td>
</tr>
<tr>
<td>Daniel J. Miller, Omar F. Jameel, Frank J. Schwab, David P Roye Jr, Michael G. Vitale</td>
<td>Factors Affecting Distal Juntional Kyphosis after Spinal Fusion for Adolescent Idiopathic Scoliosis</td>
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**30th EPOS meeting, Basel 2011**

**Scientific program**

**Spine**

---

**David Royle**

**Peter Cundy**

**George Thompson**
30th EPOS meeting, Basel, 2011
Presidential Dinner

Scott Mubarak, Polly Kuo Ken Kuo, Arjandas Mahadev, James Hui, Dennis Roy, Catherine and Gérard Bollini

Margarete Tönnis, artist with castanets, Lutz Jani listening to the sound of castanet
30th EPOS meeting, Basel 2011
Conference Dinner

Location: Safranzunft
30th EPOS meeting, Basel 2011
Closing ceremony

Congress President Fritz Hefti says „Good bye“

Balthasar Streiff blows „Farewell“
31st EPOS meeting Helsinki Finland
April 18th – 21st 2012

Congress President
Dietrich Schlenzka

EPOS President
Rüdiger Krauspe
31st EPOS meeting Helsinki, 2012
Congress venue Grand Marina
31st EPOS meeting, Helsinki, 2012
Helsinki „Art nouveau“

Main railroad station

The three smiths

Garden restaurant

Shopping Center
### PRE-MEETING COURSE

**"MUSCULOSKELETAL TUMOURS IN CHILDREN"**

**WEDNESDAY, 18th April, 13h00-18h30**

Marina Congress Center, Helsinki

**BASICS**

**Chair**: Pentti Kallio, Finland

**13h00-13h05**

Opening remarks Pentti Kallio, Finland

**13h05-13h20**

Awareness and management of suspicious lesions Rüdiger Kraupe, Germany

**13h20-13h40**

Tumour team: Staging and medical treatment & prognosis of children’s sarcomas Kim Vettenranta, Finland

**13h40-13h55**

Radiographic diagnosis & guided biopsies Seppo Koskinen, Finland

**13h55-14h10**

Histological classification, diagnosis & postsurgery assessment Tom Böhling, Finland

**14h10-14h20**

Discussion

**MODALITIES OF SURGERY AND RECONSTRUCTION**

**Chair**: Gérard Bollini, France

**14h20-14h35**

General principles of surgical biopsy and tumour resection Gérard Bollini, France

**14h35-14h50**

Spine tumour: resection and reconstruction Gérard Bollini, France

**14h50-16h05**

Pelvic tumour: Surgical navigation for resection & reconstruction Pierre Louis Docquier, Belgium

**15h05-15h15**

Discussion

**15h15-15h45**

Coffee break

**15h45-16h00**

Extremity reconstruction using endoprosthetics John Dormans, USA

**16h00-16h15**

Extremity reconstruction using allograft Rodolfo Caparina, Italy

**16h15-16h30**

Extremity Reconstruction using microvascular bone Erikk Tukkainen, Finland

**16h30-16h45**

Discussion

**16h45-17h00**

Extremitity Amputations & Rotationplasty Ivan Krajovich, USA

**17h00-17h15**

Growing prosthesis Robert Grimmer, UK

**17h15-17h30**

Discussion

**17h30-17h45**

Soft tissue sarcomas in the extremities Franck Chotel, France

**17h45-18h00**

Final discussion

---

### EPOS BAT ADVANCED COURSE

**"ARTHROGRYPOSIS MULTIPLEX CONGENITA – AN UPDATE"**

**WEDNESDAY, 18th April, 09h00-12h10**

Marina Congress Center, Helsinki

**09h00-09h05**

**Introduction** Bjørne Møller-Madsen, Denmark

**09h05-09h25**

Amyoplasia and Distal AMC Eva Kimber, Sweden

**09h25-09h45**

AMC and Neuromuscular Disorders Jana Hoff, Norway

**09h45-09h50**

The Incidence of AMC in Europe Jana Hoff, Norway

**THE CAUSES OF ARTHROGRYPOSIS, AMC**

**09h50-10h10**

The use of Orthoses and Gait Analysis in AMC Asa Bärtonek, Sweden

**10h10-10h40**

Problems with the upper limb Ruth Lester, UK

**10h40-11h00**

Management of the hips Christopher Bradish, UK

**11h00-11h20**

Management of the knees Eva Ponten, Sweden

**11h20-11h50**

Management of the feet Bart Kowalczyn, Poland

**11h50-12h10**

The long-term outcome for children with AMC Jean Dubousset, France

EPOS Educational Committee 2012
31st EPOS meeting, Helsinki, 2012
Opening ceremony

Congress opening ceremony
Finnish national dancing group
# 31st EPOS meeting, Helsinki, 2012
## Scientific program
### Metabolic disease, Knee, SCFE

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<th>Country</th>
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<td>49</td>
<td>17h00</td>
<td>Orthopaedic Manifestations of the 22q11.2-Deletion Syndrome</td>
<td><strong>Dino Colo</strong>, Moyo C Kruyt, René C Castelein</td>
<td>Nether-lands</td>
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<tr>
<td>50</td>
<td>17h07</td>
<td>Thoraco-Lumbar Kyphosis in Type 1 Mucopolysaccharidosis Children</td>
<td><strong>Kariman Abelin-Genevois</strong>, Christophe Garrin, Federico Solla, Vincent Cunin, Nathalie Guffon, Rémi Kohler</td>
<td>France</td>
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<td>51</td>
<td>17h14</td>
<td>Interlocking Telescopic Rod in Osteogenesis Imperfecta (OI) - Indications and Pitfalls - About a 27 Patients and 21 Telescopic Rods Series</td>
<td><strong>João Lameiras Campagnolo</strong>, Miguel Pinheiro, Manuel Cassiano Neves, Delfin Tavares</td>
<td>Portugal</td>
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<td>52</td>
<td>17h21</td>
<td>Lower Limb Alignment in Hypophosphataemic Rickets: Outcome of Combined Medical and Surgical Management</td>
<td><strong>Deborah Eastwood</strong>, Mark D Scally, Detlef Bockenhauer, William Van’t Hoff</td>
<td>UK</td>
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<td>17h28</td>
<td><strong>Discussion - 12’</strong></td>
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<th>Time</th>
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<th>Authors</th>
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<td>53</td>
<td>17h40</td>
<td>Congenital Knee Dislocation: From Prenatal Diagnosis and Immediate Treatment to Extensive Surgery</td>
<td><strong>Nikolay Rumyantsev</strong>, Igor Kruglov</td>
<td>Russia</td>
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<td>54</td>
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<td>Long Term Outcome of Surgical Patella Realignment with a Modified Grammont Technique</td>
<td><strong>Tanja Kraus</strong>, Surjit Lidder, Martin Svehlik, Frank Schneider, Stefan Tauber, Wolfgang E. Linhart</td>
<td>Austria</td>
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<td>55</td>
<td>17h54</td>
<td>Age Related Differences in the MPFL Injury Pattern in TPD. Case Series of 50 Children and Adolescents with Surgical Verification</td>
<td><strong>Jaroslaw Felus</strong>, Bartlomiej Kowalczyk</td>
<td>Poland</td>
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<td>56</td>
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<td>Long Term Hip Function after Surgery for Slipped Capital Femoral Epiphysis Surgery - A 15 Year Follow up Study</td>
<td><strong>Jamie Sutherland Brown</strong>, Peter David Henry Wall, Damian Griffin</td>
<td>UK</td>
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<td>57</td>
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<td>Persistent Growth after Prophylactic Single Screw Epiphysiodesis in Upper Femoral Epiphysis</td>
<td><strong>Stefan Dierauer</strong>, Leonhard Ramseier, Hanspeter Huber, Lazaros Vlahopoulos</td>
<td>Switzerland</td>
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31st EPOS meeting, Helsinki 2012
Presidential Dinner

Casino Helsinki

Casino Ballroom venue for Presidential Dinner

Tony Catterall  Ralph Sakkers

Tomas and Casilda Epeldegui
31st EPOS meeting, Helsinki, 2012
Presidential Dinner

Pentti Kallio, Peter Waters, Yrjänä Nietosvaara

Bjarne Moeller-Madsen, Ole Rahbeck

Kalevi Osterman

Polly Kuo, Irene Goerttler-Krauspe
31st EPOS meeting Helsinki, 2012
Presidential Dinner

Charly Johnston, Steven Richards, Cuca and Ignacio Sanpera
Alain Dimeglio Tomas and Casilda Epeldegui,
Ellen Johnston, Denise Richards

Fritz and Christiane Hefti, Franz Grill, Muharrem Yazici,
Pentti Kallio Yrjänä Nietosvaara, Irene and Rüdiger Krauspe,
Reinhard Graf, Shlomo Wientroub
30th EPOS meeting, Helsinki, 2012
Presidential Dinner

Ernesto Ippolito, Jiri Chomiak, Gaetano Pagnotta
Laura Pagnotta, Bjarne Moeller-Madsen

Klaus Parsch, Glyn Benson, Tony Catterall, Barbara Mees

Yvonne Wirth, Thomas Wirth, Unni Narayanan,
Andreas Roposch, Mohammed el Sobky,
Ken and Polly Kuo
31st EPOS meeting, Helsinki, 2012
Presidential Dinner

Peter Waters, POSNA past president
John Flynn, POSNA president-elect
Deborah Eastwood, EPOS president-elect
Rüdiger Krauspe, EPOS president
Carlo Milani, IFPOS president
Peter Newton, POSNA president
Alexandre Lourenco, president Brazilian Paediatric Orthopaedic Society
31st EPOS meeting, Helsinki, 2012
Gala dinner April 20th

Ralph Sakkers, Barbara Mees, Annelie Weinberg, Anna and Dietrich Schlenzka, Bjarne Moeller-Madsen, Irene and Rüdiger Krauspe, Unni Narayanan, Jarek Czubak
31st EPOS meeting, Helsinki, 2012
Gala dinner April 20th

Christiane and Fritz Hefti
Eva Ponten and Unni Narayanan
Richard Bowen
Emilia and Marek Napiontek
31st EPOS meeting, Helsinki, 2012
Presidential Guest Lecture
Fritz Hefti, Basel, Switzerland

“The changing pattern of paediatric orthopaedic diseases, the role of the society and future challenges”
31st EPOS meeting, Helsinki, 2012

John Sharrard best clinical science award 2012

Daniel Perry

Rüdiger Krauspe president, Deborah Eastwood chair of reading committee, Daniel Perry
32nd EPOS meeting Athens, Greece
April 17th – 20th 2013

Congress President
Ioannis (John) Dimitriou

EPOS President
Muharrem Yazici
32nd EPOS meeting Athens, 2013
EPOS Board 2013

president Muharrem Yazici  president elect Deborah Eastwood  general secretary Ralph Sakkers  treasurer Thomas Wirth
32nd EPOS meeting, Athens, 2013
Scientific committee
Educational committee

Andreas Roposch  Bjarne Moeller-Madsen  Hakan Ömeroglu  Elhanan Bar-On
Welcome Addresses

- **Dimitrios Pasparakis**, President of Paediatric Orthopaedic Surgery of the Hellenic Association of Orthopaedic Surgery and Traumatology (HAOST)
- **John Kyrikos**, President of the College of the Greeks Orthopaedic Surgeons (KEOX)
- **Constantinos Malizos**, President of the Hellenic Association of Orthopaedic Surgery and Traumatology (HAOST)
- **Manuel Cassiano Neves**, Vice President of European Federation of National Associations of Orthopaedics and Traumatology (EFOPT)
- **Carlo Milani**, President of International Federation of Paediatric Orthopaedic Societies (IFPOS)
- **John (Iouannis) Dimitriou**, President of the Local Organizing Committee, EPOS President

Official Opening
Opening by Mr. Yorgos Kaminis, Major of Athens
32nd EPOS meeting, Athens 2013
Welcome Reception

Shlomo and Galia Porat, Glyn and Michael Benson

Robert Hill, Rozalia Dimitriou, Sally Tennant, Angelika Hill, Joannis Dimitriou

William Cole, Mahzad Javid, Laure Cole, Hossein Shahcheraghi

Gérard Bollini Nando de Sanctis
32nd EPOS meeting, Athens, 2013
Welcome Reception
32nd EPOS meeting, Athens, 2013
Welcome reception

Carol Hasler, Muharrem Yazici, Reinald Brunner
Walter Strobl, Siegfried Stotz

Dale Blasier, George and Janice Thompson
Chakra Dussa, Rachel Buckingham
Welcome reception

Robert and Livia Elbaum, Nanni Allington, Renaud Rossilon

Ana Presedo, Federico Canavese, Katrin Schelling

Robert Elbaum, Riyad Dakwar

Darko Anticevic, James Hui, Ken Kuo, Dennis Roy

Giovanni di Gennaro, Vito Pavone
32nd EPOS meeting Athens, 2013
Scientific session  Basic science

SESSION I
“Basic Science”
Moderators:
Bjarne Møller-Madsen, Denmark  John (Jack) Flynn, USA

OP1  “The influence of biodegradable magnesium implants on the growth plate”
(A.C.) Tanja Kraus, Stefan Fischerauer, Elisabeth Martinelli, Stefan Treichler,
Karin Maria Pichler, Peter Uggowitzer, Annelie Weinberg
Medical University Graz, Graz, Austria

OP2  “Immunological response to biodegradable magnesium implants in vivo”
(A.C.) Karin Maria Pichler, Stefan Fischerauer, Peter Ferlic, Elisabeth Martinelli,
Hans-Peter Brezinsek, Peter Uggowitzer, Annelie Weinberg
Department of Orthopedic Surgery, Graz, Austria

Discussion

OP3  “Guided femoral rotation growth in an animal model”
(A.C.) Elhanan Bar-On, Amir Arami, Amir Herman, Steven Velkes, Snir Heller
Schneider Children’s Medical Center, Petach Tikvah, Israel

OP4  “Decreased expression of leptin receptor in ischemic femoral head of diet-induced obese rats”
Jung Ryu Kim, Byung-Hyun Park, Kyu Yun Jang
Chonbuk National University, Medical School, Republic of Korea

Discussion

OP5  “Thermal epiphysiodesis using radio frequency ablation, RFA in porcine model”
Juan Manuel Shiguetomi-Medina, Ole Rahbek,
Hans Stedekilde-Joergensen, Bjarne Møller-Madsen
Department of Children’s Orthopaedics, Aarhus, Denmark

OP6  “Effect of physiotherapy in subscapularis muscle in rat model of obstetric brachial plexus palsy”
Francisco Soldado, Jorge Knorr, Jorge Roman, Marcelo Cassacia,
Cesar Fontecha, Jérôme Sales De Gauzy
Hôpital des Enfants CHU Toulouse, Toulouse, France

Discussion

John Flynn  Bjarne Moeller-Madsen  Tanja Kraus  Karin Maria Pichler  Elahan Bar-On
Juan Shiguetomi  Annelie Weinberg  Francisco Soldado
32nd EPOS meeting, Athens, 2013
Scientific session DDH

Moderators:
Deborah Eastwood, UK    John (Ioannis) Dimitriou, Greece

OP7    "A re-evaluation of commonly accepted risk factors for developmental dysplasia of the hip: Preliminary results of a population based cohort study"
    Andreas Roposch, Saboura Mahdavi, Evangelia Protopapa, Yael Gelfer,
    Paul Humphries, Rumana Omar
    Great Ormond Street Hospital for Children, London, UK

OP8    "Traction-arc program is a good non-invasive treatment for DDH before walking age"
    Joao Pedro Oliveira, Cristina Alves, Inês Balacô, Pedro Sá Cardoso,
    Tah Pu Ling, Gabriel Matos, Jorge Seabra
    Hospital Pediatrico de Coimbra - CHUC, EPE, Coimbra, Portugal

OP9    "Good long-term results after antero-medial open reduction of DDH with preliminary traction"
    Pasquale Fasetti, Roberto Caterini, Vito Potenza, Ernesto Ippolito
    University of Rome For Vergata, Rome, Italy

Discussion

OP10   "Sequential MRI in developmental dysplasia of the hip after walking age"
    Tohru Futami, Eigo Ota, Masashi Maruki, Yuko Ogi, Yuki Harada,
    Yoshihide Tomoda, Hiroyuki Kataoka, Fusako Shimozono
    Medical Center for Children, Shiga, Japan

OP11   "50 years follow-up of late-detected developmental dislocation of the hip"
    Terje Terjesen, Joachim Horn
    Oslo University Hospital, Rikshospitalet, Oslo, Norway

Deborah Eastwood
John Dimitriou
Andreas Roposch
Cristina Alves
Pasquale Fasetti
Maurizio de Pellegrin
Peter Cundy
Ismat Ghanem
Francisco Fernandez
Tohru Futami
Terje Terjesen
"Tumors/ Metabolic"

Moderators:
Rüdiger Krauspe, Germany
Dimitrios Pasparakis, Greece

OP12  “Soft Tissue Sarcoma (STS) of Extremities in the growing age: retrospective analysis on orthopaedic treatment”
Cosimo Gigante, Giovanni Ceccheto, Elisa Bassi, Rita Alaggio, Giovanni Scarcello, Gianni Bisogno
Pediatric Orthopaedic Service Padua General Hospital, Padova, Italy

OP13  “Evaluation of pre-operative tumor necrosis by dynamic 3D angio-MRI analysis. A series of 18 cases of osteosarcoma”
Clotilde Strugarek, Pierre Journeau, Laurence Mainard-Simard, Pierre Lascombes
Children’s Hospital, Nancy, France

OP14  “Treatment of the hip in Multiple Hereditary Exostoses (MHE) by safe surgical dislocation”
Dror Paley, Dong Hoon Lee
Paley Advanced Limb Lengthening Institute, West Palm Beach, USA

OP15  “Surgical treatment of active, aggressive or recurrent aneurysmal bone cysts in children”
Bülent Erol, Mert Topkar, Omer Sofulu, Emrah Caliskan, Mustafa Asansu
Marmara University, Istanbul, Turkey

OP16  “Cytogenetic translocation associated with locally recurrent aneurysmal bone cyst”
Barry Danino, Guy Rozner, Avi Or, Shlomo Wientroub, Jacob Bickles
Department of Pediatric Orthopaedics, Dana Children’s Hospital, Tel-Aviv Sourasky Medical Center, and the Sackler Faculty of Medicine, Tel-Aviv University, Tel-Aviv, Israel
32 nd EPOS meeting, Athens 2013
Scientific session Foot & Ankle

SESSION IV
"Foot & Ankle"

Moderators:
Rüdiger Krauspe, Germany            Dimitrios Pasparakis, Greece

OP17  "Marker-based foot posture assessment in children with flat feet"
      Timoleon Theologis, Catriona Kerr, Julie Stebbins, Amy Zavatsky
      Nuffield Orthopaedic Centre, Oxford, UK

OP18  "The navicular index for differentiation of flatfoot from normal foot"
      Sandor Roth
      KBC Rijeka, Rijeka, Croatia

      Discussion

OP19  "Plantar flexion is more important than dorsiflexion for foot function in children"
      Cristina Alves, Jason Donovan, George Tomlinson, Unni Narayanan,
      Brian Feldman, James Wright
      Hospital Pediátrico de Coimbra, Coimbra, Portugal

OP20  "Long-term functional outcomes of resected tarsal coalitions"
      Amir Khoshbin, Peggy Law, Liora Caspi, Derek Stephens, James Wright
      SickKids Hospital, Toronto, Canada
32nd EPOS meeting, Athens, 2013
Specialized Symposium Clubfoot

SPECIALIZED SYMPOSIUM I

Session I
“A decade after rediscovering of Ponseti: Where are we?”

Chairmen:
Shlomo Wientroub, Israel                John E. Herzenberg, USA

Speakers:
Shlomo Wientroub, Israel
Jose Morcuendo, USA
Oliver Eberhardt, Germany
Stephanie Böhm, Switzerland
Jose Morcuendo, USA
John E. Herzog, Austria
Christophe B, Austria
Naomi Davis, UK
Yoram Hemo, Israel

“Introduction”
“The Ponseti method – details, tips and tricks”
“Atypical clubfoot”
“Bracing protocol - new studies - new braces”
“My approach to early recurrence”
“My approach to late recurrence”
“Evaluation of results and follow-up”
“Operated feet and older patients-limits of the Ponseti method”
“Evidence in the Ponseti method”

Discussion

16.00-16.30

Session II
“Dilemmas/ controversies in clubfoot treatment”

Chairmen:
Christophe B, Austria, Jose Morcuendo, USA

Speakers: All faculty

Topics of discussion:
- Re-tenotomies - How often until what age?
- Re-casting at age 3 - Always a long leg cast?
- Now I removed the last cast - When is a clubfoot corrected?
- Physical therapy derived Ponseti programs - What are the risks, what are the benefits?
- 4 years old, 5 degrees dorsiflexion - To brace or not to brace?
- 6 years, 5 degrees of equinus and flat top talus - Is there a limit to soft tissue correction?
32nd EPOS meeting, Athens, 2013
Lunch workshop  Rotational deformities

LUNCH WORKSHOP III
“Rotational deformities of the lower limb- Principles and surgical techniques”
“Non-accredited Workshop
Sponsored by Orthopaedics”
Moderator: Rüdiger Krauspe, Germany
Speakers:
Pierre Lascombes, Switzerland  “Deformity assessment, CORA and principles of correction in the lower limb”
Manoj Ramachandran, UK  “Rotational osteotomies of the femur and tibia and the miserable malalignment syndrome”
Walter Strobl, Austria/Germany  “Deformities of the femur and tibia in CP children; assessment, functional relevance and corrective procedures”
32nd EPOS meeting, Athens, 2013
Specialized Symposium Spine deformities

SPECIALIZED SYMPOSIUM II
“Recent knowledge in pediatric spine deformities: What should any pediatric orthopaedic surgeon know?”

Chairmen:
Antonio Andreacchio, Italy  Jean-Luc Jouvé, France

Speakers:
Antonio Andreacchio, Italy  “Introduction”
Jean Dubousset, France  “Spine deformity: the sunrise of a new age? Something new about epidemiology, classification, diagnosis”
William MacKenzie, USA  “Clinical examination. tips and tricks”
Brice Illhareborde, France  “Place of new imaging supports: importance of sagittal balance and 3D reconstruction”
Dietrich Schlenzka, Finland  “Our knowledge in long term follow up with pediatric deviations. Consequences with our daily practice”
Muharrem Yazıcı, Turkey  “Is brace still up to date? When shift from conservative to surgical treatment?”
Gérard Bollini, France  “Surgical treatment. Which surgery and which conditions?”
Peter Newton, USA  “Safety in spinal deformity surgery”
Jean-Luc Jouvé, France  Conclusion
### SPECIALIZED SYMPOSIUM III

**“Controversies in adolescent hip surgery”**

<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>1</td>
<td>“The deformed femoral head in healed legg-perthes disease”</td>
<td>John O’Hara, UK</td>
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<td>Klaus Siebenrock, Switzerland</td>
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<tr>
<td>1.30-1.50</td>
<td>“Does impingement increase the risk for premature arthritis and how should it be treated?”</td>
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<td>1.50-1.10</td>
<td>“Is there a role for operative correction of Coxa Magna and femoral head extrusion?”</td>
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<td>Questions</td>
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<td>2</td>
<td>“Asymptomatic Hip Dysplasia in adolescence”</td>
<td>Andreas Roposch, UK</td>
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<td>Thomas Wirth, Germany</td>
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<td>2.10-2.30</td>
<td>“Indication and rationale for osteotomy”</td>
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<td>“Limitations of osteotomy and consideration of alternative options”</td>
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<td>Questions</td>
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<tr>
<td>3</td>
<td>“Does slipped capital femoral epiphysis always lead to impingement and do we need to treat any mild impingement-prone deformity?”</td>
<td>Gunnar Hägglund, Sweden</td>
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<tr>
<td></td>
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<td>Ernest Sink, USA</td>
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<tr>
<td>3.10-3.30</td>
<td>“Possibilities and limitations of spontaneous remodelling in SCFE”</td>
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<td>“Rationale and indication for corrective surgery in hips with residual deformity”</td>
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<td>Questions &amp; Cases</td>
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32 nd EPOS meeting, Athens 2013
Scientific session  Controversies in adolescent hip surgery
32nd EPOS meeting, Athens, 2013
Scientific session  Hip / Lower Extremity

Moderators:
Ralph Sakkers, The Netherlands  Hakan Ömeroğlu, Turkey

"Modified imhauser osteotomy with an open femoral neck osteoplast - a case series"
Navi Balli, James Harrison, Cristopher Edward Bache
Birmingham Childrens Hospital, Birmingham, UK

"Subcapital re-alignment procedure for severe SCFE with intra-operative monitoring of femoral head perfusion and post-operative bone scan: 45 consecutive cases"
Oliver Birke, Kyle James, Paul Gibbons, David Little
The Children's Hospital at Westmead, Sydney, Australia

"Treatment of severe slipped capital femoral epiphysis via the Ganz surgical hip dislocation and anatomical reduction. A prospective study of 28 consecutive patients"
Anthony P. Cooper, James Fernandes, Geraint Davies, Sanjeev Madan
Sheffield Children's Hospital, Sheffield, UK

"Estimation of the recovery of physiologic genu varum with linear mixed model"
Moon Seok Park, Kyoung Min Lee, Ki Hyuk Sung, Seung Yeol Lee, Young Choi, Behnaz Ahmadi, Sang Hyeong Lee, Dae Gyu Kwon, In Ho Choi, Tae-Joon Cho, Won Joon Yoo, Chin Youb Chung
Seoul National University Bundang Hospital, Seoul, South Korea

"The relationship between angular knee deformity and degenerative disease of the hip and knee"
Raymond Weiwen Liu, Jonathan Streit, Colin Lasko, Ademola Ajuwon, Daniel Cooperman
Case Western Reserve University, Cleveland, USA

Discussion
"Can BMP2 combined with the SUPERhip procedure lead to ossification of the unossified femoral neck and lower recurrence of coca vara in severe congenital femoral deficiency?"
Dror Paley, Matthew Harris, Catharina Chiari
Paley Advanced Limb Lengthening Institute, West Palm Beach, USA

"Comparison of outcomes and complications of hip arthroscopy for mixed hip disorders between adolescents and adults: a prospective cohort study"
Manoj Ramachandran, Pramod Achan, Martin Gottlieb, Bjarte Moller-Madsen
The Royal London and St Bartholomew's Hospitals, Barts Health NHS Trust, London, UK

Ralph Sakkers  Hakan Omeroglu  Edward Bache
Oliver Birke  Anthony Cooper  Moon Seok Park
Raymond Weiwen Liu  Dror Paley  Manoj Ramachandran
32nd EPOS meeting, Athens, 2013
Scientific session  Legg-Calvé-Perthes

Moderators:
Franck Accadbled, France  Elhanan Bar-On, Israel

EP28
(A.C.)
“Early dysplastic acetabular changes have a prognostic significance in Legg-Calvé-Perthes Disease”
Stefan Huhnstock, Svein Svenningsen, Are Hugo Pripp, Terje Terjesen, Ola Wiig
Oslo University Hospital, Oslo, Norway

“Diffusion MRI provides early prognosis in Legg Perthes Calvé disease”
Franck Accadbled, Delphine Sammartin, Christiane Baunin, Nicolas Sanche, Jérôme Sales De Gauzy
Hôpital des Enfants, Toulouse, France

Discussion
“Does femoral varus osteotomy improve sphericity of the femoral head in Legg-Calvé-Perthes disease with lateral pillar C involvement?”
Won Joon Yoo, Hyuk Ju Moon, Jung-Eun Cheon, Mi Hyun Song, Tae-Joon Cho, In Ho Choi
Seoul National University Children’s Hospital, Seoul, South Korea

“Valgus-extension femoral osteotomy (VGEO) to treat “hinge abduction” in Perthes’ disease”
Vito Potenza, Pasquale Farsetti, Matteo Benedetti Valentini, Ernesto Ippolito
University of Rome Tor Vergata, Rome, Italy

“Total hip arthroplasty for the sequelae of Legg-Calve-Perthes Disease”
Anthony A. Stans, Yaser Baghdadi, A. Larson, Tad Mabry
Mayo Clinic, Rochester, USA
“Clubfoot”

Moderators:
Gaetano Pagnotta, Italy Marek Synder, Poland

“A prospective determination of environmental factors associated with Clubfoot”
Emily Dodwell, Petter Risoe, James Wright
Hospital for Special Surgery, New York, USA

“A MRI volumetric study for leg muscles in congenital clubfoot”
Pasquale Farsetti, Fernando De Maio, Massimiliano Dragoni,
Vito Potenza, Ernesto Ippolito
University of Rome Tor Vergata, Rome, Italy

“Club foot family history – effects on severity, treatment, and outcome”
Yoram Hemo, Lior Shabtai, Eitan Segev, Ariella Yavor, Shlomo Wientroub
Dana Children’s Hospital, Tel Aviv, Israel

Discussion

“The predictive value of feet radiology on the need for additional surgery and functional outcome in clubfeet treated according to Ponseti protocol”
Eitan Segev, Lior Shabtai, Ariela Yavor, Shlomo Wientroub, Yoram Hemo
Dana Children’s Hospital, Orthopaedic Department, Tel Aviv, Israel

Gaetano Pagnotta
Marek Synder
Emily Dodwell

Pasquale Farsetti
Yoram Hemo
Eitan Segev
“Assessment of the relationship between radiographic and clinical measurements following correction of idiopathic and non-idiopathic clubfoot”
Yael Gelfer, Mia Dunkley, Deborah Jackson, Jen Armstrong, Evette Parnell, Deborah Eastwood
Great Ormond Street Hospital, London, UK

Discussion
“Results and evolution of the Ponseti Method in 400 consecutive patients with idiopathic clubfoot”
Anna Ey Batlle, Paula Minguez, Imma Vilalta, Melisa Stitzman, Norberto Ventura
Hospital Sant Joan de Déu, Barcelona, Spain

“Ponseti Protocol for idiopathic club feet: Predictors for success or failure”
Lior Shabtal, Yoram Hemo, Eitan Segev, Ariella Yavor, Sholomo Wientroub
Dana Children’s Hospital, Tel Aviv, Israel

“The Prognosis Based Score (PBS) – A clinical assessment tool for the recurrent clubfoot”
Shafique Pirani, Stephanie Böhm, Marc Sinclair, Richard Mathias, Kerstin Bosch, Dieter Rosenbaum, Edward Naddumba
University of British Columbia, Vancouver, Canada

“Long-term retrospective review of idiopathic clubfoot treated with posterior medial-lateral release”
Luciano S. Dias, Lawrence Hsu, Vineeta Swaroop
Rehabilitation Institute of Chicago/Children’s Memorial Hospital, Chicago, USA

“How the Ponseti idea has influenced the treatment of arthrogryposis clubfeet?”
Bartłomiej Kowalczyk, Tadeusz Lejman, Jaroslaw Felus
University Children’s Hospital of Krakow, Krakow, Poland

“Atypical Clubfoot- treatment challenges and solutions. A ten years experience”
Miroslav Zhivkov
University Hospital "Saint Anna", Sofia, Bulgaria
32nd EPOS meeting Athens, 2013
Presidential Guest Lecture
Shlomo Wientroub, Tel Aviv, Israel

“Medical Journals – From history to E-story“

president Muharrem Yazici honouring Shlomo Wientroub
SESSION VIII
“Upper extremity/Limb reconstruction I”
Modera tors:

Jiri Chomiak, Czech Republic

“Functional recovery of elbow flexion following median and/or ulnar nerve fascicle transfer in upper trunk obstetric brachial plexus palsy”
Francisco Soldado, Kevin Little, Dan Zlotolow, Roger Cornwall, Scott Kozin, Jorge Knörr, Jérôme Sales De Gauzy
Hôpital des Enfants CHU Toulouse, Toulouse, France

“Transposition of the long head of triceps as a method of surgical restoration of active elbow flexion in children with arthrogryposis”
Svetlana Trofimova, Alexey Baiindurashvili, Olga Agranovich
The Turner Scientific and Research Institute for Children’s Orthopedics, St. Petersburg, Russia

Discussion

“Post-traumatic chronic radial head dislocation in children (Monteggia lesion)”
Giovanni Di Gennaro, Alessandro Martinelli, Diego Antonioli, Onofrio Donzelli
Istituto Ortopedico Rizzoli, Bologna, Italy

Discussion

“Use of the flexible intramedullary nailing in Ollier’s disease limb lengthening”
Dimitri A. Popkov, Pierre Journeau, Arnold Popkov, Pierre Lascombes, Thierry Haumont
Russian Ilizarov Scientific Center for Restorative Traumatology and Orthopaedics, Kurgan, Russia

Jiri Chomiak
Francisco Soldado
Svetlana Trofimova
Giovanni di Gennaro
Dimitri Popkov
“Limb lengthening by remote controlled magnetical nail”
Micha Langendörfer, Oliver Eberhardt, Thomas Wirth
Olgahospital, Stuttgart, Germany

Discussion

“Knee subluxation in lower limb lengthening”
Gamal Ahmed Hosny
Benha Faculty of Medicine, Benha, Egypt

Micha Langendörfer  Gamal Ahmed Hosny

Frank Schiedel  Carlo Camathias
“Convex instrumented hemiepiphyseodesis with concave distraction: A new treatment modality for long sweeping congenital curves”
Gökhan Demirkiran, Özgur Dede, Mehmet Ayvaz, Ahmet Alanay, Muharrem Yazıcı
Hacettepe Orthopedics and Traumatology, Ankara, Turkey

“The effectiveness of hybrid system (lumbar pedicle screws plus Universal Clamps) in controlling coronal and sagittal profile in surgical treatment of adolescent idiopathic scoliosis”
Leonardo Oggiano, Giancarlo Giglio, Guido La Rosa
Bambino Gesù Children’s Hospital, IRCCS, Päidòra, Rome, Italy

“Is the level of proximal fusion in adolescent idiopathic scoliosis a prognostic factor for proximal junctional kyphosis after long posterior fusion?”
Christophe Vidal, Brice Ilharreborde, Keyvan Mazda
Pediatric Orthopaedic Department, Robert Debré Hospital, AP-HP, Paris Diderot University, Paris, France

“Risk factors for adjacent segment degeneration after adolescent idiopathic scoliosis surgery: the intervertebral disc stability concept”
Kariman Abelin Genevois, Pascal Swider, Erik Estivalez, Jérôme Briot, Franck Accadbled, Jérôme Sales De Gauzy
Hôpital Femme Mère Enfant, Bron, France

“Growth sparing spinal instrumentation in skeletal dysplasia”
Ali Karatas Fuat, Özgur Dede, Kenneth Rogers, Michael Bober, Saken Shah, William Mackenzie
Nemours/Alfred I. duPont Hospital for Children, Wilmington, USA
### Scientific session Spine II

<table>
<thead>
<tr>
<th>OP59</th>
<th>“The recognition, incidence and management of spinal cord monitoring alerts in early onset scoliosis surgery”</th>
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<tbody>
<tr>
<td></td>
<td>Jonathan H. Phillips, Denise Lopez, Dennis Knapp, Jose Herrera-Soto</td>
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<td></td>
<td>Orlando Health, Orlando, USA</td>
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<table>
<thead>
<tr>
<th>OP60</th>
<th>“Effects of growing instrumentation on endothoracic deformity in early-onset scoliosis utilizing the spinal penetration index”</th>
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<tbody>
<tr>
<td></td>
<td>Charles E Johnston, Ryan Muchow, Anna McChung</td>
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<td></td>
<td>Texas Scottish Rite Hospital for Children, Dallas, USA</td>
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<table>
<thead>
<tr>
<th>OP61</th>
<th>“Repeat expansions of growth retaining implants for early onset spine deformities lead to increasing bacterial colonization”</th>
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<tbody>
<tr>
<td></td>
<td>Carol Hasler, Andrej Trampuz, Daniel Studer, Christian Plaass</td>
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<tr>
<td></td>
<td>University Children’s Hospital, Basel, Switzerland</td>
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<table>
<thead>
<tr>
<th>OP62</th>
<th>“Cervical lordosis in fetal spine: fake or reality?”</th>
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<tbody>
<tr>
<td></td>
<td>Elie Choufani, Jean Luc Jouve, Vincent Pomero, Gerard Bollini, Kathia Chaumoitre, Michel Panuel</td>
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<td>Timone Children Hospital of Marseille, Marseille, France</td>
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<table>
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<tr>
<th>OP63</th>
<th>“Rigid internal fixation for occipito-cervical arthrodesis in young children: A retrospective study in 14 patients”</th>
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<tbody>
<tr>
<td></td>
<td>Thierry Odent, Rony Boughosn, Jean-Paul Padovani, Michel Zerah, Christophe Glorion</td>
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<tr>
<td></td>
<td>Université Paris Descartes - Sorbonne Paris Cité - Service d’Orthopédie pédiatrique - Hôpital Necker - Enfants Malades, Paris, France</td>
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<table>
<thead>
<tr>
<th>OP64</th>
<th>“Assessment of curve flexibility in adolescent idiopathic scoliosis using EOS stereoradiography”</th>
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<tbody>
<tr>
<td></td>
<td>Caroline Hirsch, Brice Ilharreborde, Alain Tanguy, Keyvan Mazda</td>
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<td>Pediatric Orthopedic Department, Robert Debré Hospital, APHP, Université Paris Diderot, Paris, France</td>
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<tr>
<th>OP65</th>
<th>“Outcomes of bracing in juvenile idiopathic scoliosis until skeletal maturity or surgery”</th>
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<tr>
<td></td>
<td>Amir Khoshbin, Liora Caspi, Sandra Donaldson, Derek Stephens, Trevor Da Silva, Catherine Bradley, James Wright</td>
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<td>SickKids Hospital, Toronto, Canada</td>
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</table>
Neuromuscular/ Cerebral palsy

Moderation
Jaroslaw Czubak Poland Deborah Eastwood United Kingdom

“Kyphectomy in children with Myelomeningocele”
Hakan Basar, Mustafa Erkan Inanmaz, Haci Bayram Tosun, Cengiz Isik, Kamil Cagri Kose
Sakarya University, Sakarya, Turkey

“Long-term functional outcomes of operative vs. non-operative spina bifida scoliosis”
Amir Khoshbin, Lilian Wong, Peggy Law, Liora Caspi, Derek Stephens, James Wright
SickKids Hospital, Toronto, Canada

Discussion
“Combined medical and lateral hamstring versus isolated medial hamstring lengthening surgery”
Enda Gerard Kelly, Michael Walsh, Damien Kiernan, Rory O’Sullivan, Timothy O’Brien
Central Remedial Clinic, Dublin, Ireland

“Crouch gait changes after planovalgus foot deformity correction in ambulatory children with cerebral palsy”
Muayad Kadhim, Freeman Miller, Laurens Holmes
Nemours, Alfred I duPont Hospital for Children, Wilmington, USA

“Barographic Measurement of Seating Position in Children with Cerebral Palsy Undergoing Hip Surgery”
Line Pedersen Kjeldgaard, Ole Rahbek, Bjarne Møller-Madsen
Aarhus University Hospital, Aarhus, Denmark

Discussion
“The Dega acetabuloplasty in the treatment of spastic hips: results at skeletal maturity”
Cindy Mallet, Brice Ilharreborde, Ana Presedo, Georges-Francois Pennecot, Keyvan Mazda
Robert Debre Hospital, Paris, France
32nd EPOS meeting, Athens 2013
Presidential Dinner

Aleksandra and Marek Synder

Manuel Cassiano Neves, Shlomo Wientroub

Fritz Hefti, Carol Hasler

Dennis Roy, Jiri Chomiak
32nd EPOS meeting, Athens 2013
Presidential Dinner

Trudy Brand-Jacobsen, Susanne Sparre and Ivan Hvid

Franz Grill, Rudolf Ganger

Dietrich Schlenzka, Reinald Brunner

Helen Dimitriou, Edel Parsch
32nd EPOS meeting, Athens, 2013
Presidential Dinner

Deborah Eastwood John Dimitriou

Klaus Siebenrock, Andreas Roposch

Christoph Radler, Cristina Alves

Terje Terjesen, Jarek Czubak
32nd EPOS meeting, Athens, 2013
Presidential Dinner

Dror Ovadia

Thomas Wirth  Mohammed El-Sobky

Alaa and Fatima Ahmad

Robert Roedl  Anna Ey Batlle

Rüdiger and Irene Goettler Krauspe
32nd EPOS meeting Athens, 2013
Pro Maximis Meritis
Alain Dimeglio, Montpellier, France

Alain Dimeglio  former fellows:  Katrin Schelling Ana Preseod Vincenzo de Rosa Federico Canavese

Honour speech
Federico Canavese

Muharrem Yazici Alain Dimeglio
32nd EPOS meeting, Athens, 2013
Gala Dinner at Zapeion
(Constructed for 1st New Olympic Games 1896)

singers / entertainers

André Kaelin, Ken Kuo, Freeman Miller

Nanni Allington, Judith and Richard Bowen

Manuel Cassiano Neves, Irene Goerttler Krauspe
32nd EPOS meeting, Athens, 2013
Gala Dinner at Zapeion

Muhrrem Yazici John Dimiriou

Belgian-German-French-Danish-Polish Round Dance

Greek-Turkish Sirtaki
32nd EPOS meeting, Athens, 2013
Gala Dinner at Zapeion

William and Martha Mackenzie

Ivan Krajbich and Diane Holmes

Alain and Valerie Dimeglio

Charly Johnston, Ernest Sink
33rd EPOS meeting, Athens, 2013
EPOS Foundation Acropolis Charity Run

Early start

André Kaelin crosses finish line

Annelie Weinberg

Ivan Hvid passing the Olympic Stadium

Olive wreathed winners
Carol Hasler, Basel,
Pawel Koczewski Poznan
Milud Shadi, Poznan
32nd EPOS meeting, Athens, 2013
EPOS Foundation Acropolis Charity Run

58 charity runners
32nd EPOS meeting, Athens, 2013
Closing ceremony and Presidential transfer

EPOS president thanks congress president

From 20th president Muharrem Yazici
to 21st president Deborah Eastwood

John Dimitriou hands Greek bust to incoming president

21st EPOS president Deborah Eastwood
33rd EPOS meeting Bruges, Belgium
April 2nd – 5th 2014

Congress chairmen:
Frank Plasschaert
Renaud Rossillon

Congress chairwoman:
Nanni Allington

EPOS president:
Deborah Eastwood
33rd EPOS meeting Bruges, 2014
EPOS Executive Board

33rd EPOS Annual Meeting

Preliminary Programme

Wednesday 02/04/2014
12:00-19:00 Registration
14:00-18:00 Pre-meeting course
«Genetics: Clinical Implications for Paediatric Orthopaedics»
19:00-20:15 Official Opening
20:15-22:30 Welcome Reception

Thursday 03/04/2014
08:00-16:00 Scientific Sessions
16:30-19:00 Guided walking tour of Bruges for all registered participants
20:00-22:00 Presidential Dinner (upon invitation)

Friday 04/04/2014
08:00-18:30 Scientific Sessions
20:00-23:00 Gala Dinner

Saturday 05/04/2014
08:30-12:15 Scientific Sessions
12:30-13:00 Closing Ceremony

Bruges in relation to Brussels
33 rd EPOS meeting Bruges, 2014
BAT Advanced Course

Session 1:
Synopsis of imaging techniques for the paediatric musculoskeletal system
Moderator: Karen Rosendahl, Bergen, Norway

08:30 - 08:45  Is plain radiography still the primary imaging method?
What new techniques are available?
Karen Rosendahl, Bergen, Norway

08:45 - 08:55  Does EOS meet our expectations in daily clinical practice?
An orthopaedic point of view
Keyvan Maza, Paris, France

08:55 - 09:10  Is US the essential imaging technique only for neonatal hip screening or in other fields as well?
Karen Rosendahl, Bergen, Norway

09:10 - 09:20  Use of US from a paediatric orthopaedic surgeon’s perspective
Renata Passiaschill, Vienna, Austria

09:20 - 09:50  DXA, bone SPECT/CT & PET/CT of the paediatric musculoskeletal system
Tim Van den Wyngaert, Edegem, Belgium

09:50 - 10:00  CT imaging: is there still a role?
Karen Rosendahl, Bergen, Norway

10:00 - 10:20  MRI and MR-Arthrography: what information can we gain?
Ustun Aydingoz, Ankara, Turkey

10:20 - 10:35  Biochemical sensitive MRI of cartilage
Rudiger Krause (Christoph Zilkens, Bernd Bitterseh), Dusseldorf, Germany

10:35 - 11:05  Discussion

Session 2:
Effective and safe clinical use of imaging techniques
Moderator: Deborah Eastwood, London, UK

11:25 - 11:55  A practical diagnostic imaging guideline for musculoskeletal disorders in children
Ustun Aydingoz, Ankara, Turkey

11:55 - 12:05  How to use the C-arm or O-arm imaging systems in the operating theatre?
Pierre Journeau (Laurence Mainard-Simard), Nancy, France

12:05 - 12:20  Radiation exposure: issues of concern for the radiologist and for the patient
Karen Rosendahl, Bergen, Norway

12:20 - 12:35  Is there a tendency to use imaging unnecessarily in daily practice?
What are the costs and can we prevent them?
Ustun Aydingoz, Ankara, Turkey

12:35 - 12:55  Discussion

12:55 - 13:00  Closing remarks
Hakan Omeroglu, Eskisehir, Turkey
# Pre-Meeting Course:

**Dissecting Genetics in Orthopedics: When Mendel meets Darwin**

Moderators: Nanni Allington, Liège, Belgium  
Ben Alman, Charlotte, USA  
Frank Plasschaert, Ghent, Belgium  
Renaud Rossillon, Ottignies, Belgium

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>14:00 - 14:25</td>
<td>Basic genetics for dummies and ‘germline’ mutations: Understanding constitutional (skeletal) diseases</td>
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<td>Franciska Malfait, Ghent, Belgium</td>
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<td>14:25 - 14:50</td>
<td>New genomic approaches to diagnosis of genetic diseases – a mutation for the geneticists</td>
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<td>Alain Verloes, Paris, France</td>
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<td>14:50 - 15:15</td>
<td>Genetics and “acquired alterations”: towards a growing role in the clinical management of bone tumors</td>
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<td>Hélène Antoine Poiriel, Brussels, Belgium</td>
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<td>15:45 - 16:10</td>
<td>Zebrafish technique to predict the phenotype of a genetically defined bone disease (as in osteogenesis)</td>
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<td>Paul Coucke/Franciska Malfait, Ghent, Belgium</td>
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<td>16:10 - 16:35</td>
<td>Genome-Wide Association Studies: Can they benefit the paediatric orthopaedic community?</td>
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<td>Andreas Roposch, London, UK</td>
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<td>16:35 - 17:00</td>
<td>How genes can help us understand skeletal dysplasias?</td>
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<td>Valerie Cormier-Daire, Paris, France</td>
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<td>17:00 - 17:25</td>
<td>Genetics and the treatment of musculoskeletal cancer</td>
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<td>Ben Alman, Charlotte, USA</td>
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<td>17:25 - 17:50</td>
<td>Cell biology and therapeutic interventions in bone disease: animal model to clinical trial</td>
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<td>David Little, Sydney, Australia</td>
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<tr>
<td>17:50 - 18:00</td>
<td>Closing remarks</td>
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33rd EPOS meeting Bruges, 2014
Welcome reception at the Belfry April 2nd

The Belfry (Belfort van Brugge)
33rd EPOS meeting Bruges, 2014
Welcome reception at the Belfry April 2nd

President Deborah Eastwood Frank Plasschaert
Nanni Allington Renaud Rossillon
Nick Clarke, Muharrem Yazici, Peter Newton
33 rd EPOS meeting Bruges, 2014
Welcome reception at the Belfry April 2nd
33 rd EPOS meeting Bruges, 2014
Welcome reception at the Belfry April 2nd
33rd EPOS meeting Bruges, 2014
Concert Hall Auditorium Scientific program
Clinical Science - Prize Papers

Moderators:
Thomas Wirth, Stuttgart, Germany
Andreas Roposch, London, UK

OP7 / 09:00 - 09:10
Supracondylar fractures with isolated anterior interosseous nerve injuries: are they urgent cases?
Kody K. Barrett1, David I. Skaggs1, Jeffrey R. Sawyer2, Lindsay Andras1, Alice Moisan1, Christine Goodbody3, Jack Flynn1
1. Children’s Hospital, Los Angeles, United States
2. Campbell Clinic, Germantown, United States
3. Children’s Hospital, Philadelphia, United States

OP8 / 09:10 - 09:20
An anatomical study of the greater trochanter starting point for intramedullary nailing
Kathleen Farhang1, Ronak Desai2, John H Wilber3, Daniel R Copepeaman1, Raymond W Liu1
1. Case Western Reserve University, Cleveland, United States
2. Yale University School of Medicine, New Haven, United States

OP9 / 09:20 - 09:30
Predictive significance of baclofen test for GMFCS level 3-4 children with cerebral palsy before selective dorsal rhizotomy
Vladimir Kenis
The Turner Institute For Children’s Orthopaedics, Saint-Petersburg, Russia

OP10 / 09:30 - 09:40
The Ponseti method is superior to surgical treatment in idiopathic clubfoot – prospective randomized long-term trial
Martin Svehlik, Gerhard Steinwender, Ulrike Flech, Elisabeth Wolf, Tanja Krauss
Medical University Graz, Graz, Austria

OP11 / 09:40 - 09:50
Is a posterior only approach sufficient to restore thoracic hypokyphosis in the management of adolescent idiopathic scoliosis?
Emilie Peltier, Sebastion Pesenti, Benjamin Blondel, Elia Choufani, Gerard Bollini, Jean-Luc Jouve
Aix-Marseille University, Marseille, France

OP12 / 09:50 - 10:00
Characterisation of hip morphology in children with Mucopolysaccharidosis Type 1/2
Markus Baker, Elizabeth Ashby, Deborah Eastwood
Great Ormond Street for Children, London, United Kingdom
33rd EPOS meeting Bruges, 2014
Scientific programme April 4th

**Limb Reconstruction**

*Moderators:*
Franz Grill, Vienna, Austria
Jirí Chomiak, Prague, Czech Republic

**OP53 / 11:20 - 11:30**
Limb lengthening in patients with rhizomelic dwarfism: A comparative study of femoral and tibial lengthening
Kwang-Won Park, Hae-Ryang Song
Korea University Rare Diseases Institute, Seoul, Korea

**OP54 / 11:30 - 11:40**
Is there a correlation between the interscrew angle and the joint orientation angles after hemiepiphysiodesis with the Eight plate?
Salih Marangoz\(^1\), Kadır Buyukdogan\(^1\), Sevval Karahan\(^2\)
1. Hacettepe University, Faculty of Medicine, Department of Orthopaedic Surgery, Ankara, Turkey
2. Hacettepe University, Faculty of Medicine, Department of Biostatistics, Ankara, Turkey

**OP55 / 11:40 - 11:50**
Femoral Lengthening with a motorized intramedullary nail - A matched pair comparison with Ilizarov external lengthening
Joachim Horn, Harald Steen
Oslo University Hospital, Rikshospitalet, Oslo, Norway

**OP56 / 11:50 - 12:00**
Congenital absent tibia
Gamal Ahmed Hosny
Benha Faculty of Medicine, Cairo, Egypt

**OP57 / 12:00 - 12:10**
How precise is the PRECISE®- a comparison between a new magnetic external motorized controlled lengthening device, and the not-available-anymore mechanical ISKD® - some implant associated problems are resolved, other problems are new
Frank M Schiedel
Muenster University Hospital, Muenster, Germany

**OP58 / 12:10 - 12:20**
Treatment of adolescent Blount’s disease using a Taylor Spatial Frame with and without fibular osteotomy: Is there any difference?
Ofer Zaks, Alexander Katran, Mark Eckelmann
Rambam Hospital, Haifa, Israel

**OP59 / 12:20 - 12:30**
Tibial hemimelia rarely needs amputation
Mahzad Javid, Gholam Hossein Shahcheraghi
Nanazee Hospital, Shiraz, Iran
Upper Extremity Trauma & Tumors
Moderators:
Nanni Allington, Liège, Belgium
Hakan Omeroglu, Eskisehir, Turkey

OP74 / 11:25 - 11:35
The effect of social deprivation on paediatric fractures
Rishikesan Ramaesh, Nick Clements, Louise Rennie, Mark S Gaston
Royal Hospital for Sick Children, Edinburgh, United Kingdom

OP75 / 11:35 - 11:45
Remodeling of severe residual angulation of distal radius fractures in children: quantitative data on the speed of remodeling.
Kimberly Jeroense, Fleur Joor, Christien Sleeboom, Melinda Witbrauk
VUmc, Amsterdam, The Netherlands

OP76 / 11:45 - 11:55
Wrist arthroscopy in children and adolescents with chronic wrist pain
P Nithin Unnikrishnan, Ashok Ramavath, J H Stilwell, Harvey L George, Colin Bruce, P Sathyamoorthy
Royal Liverpool Childrens Hospital (Alder Hoy), Liverpool, United Kingdom

OP77 / 11:55 – 12:05
Anterior dislocation of the shoulder in skeletally immature patients: comparison between non-operative treatment versus an open Latarjet’s procedure
Federico Canavesa¹, Ahmad Khan¹, Antoine Samba¹, Bruno Pereira¹
1. Department of Pediatric Surgery, CHU Estaiming, Clermont Ferrand, France
2. Biostatistics unit, DRCI. CHU Clermont-Ferrand, Clermont Ferrand, France

OP78 / 12:05 – 12:15
Evaluation of forearm abnormalities; Clinical and cosmetic results of surgical treatment in patients with multiple hereditary exostoses. A retrospective explorative study
Mark Flipsen¹, Vanessa Schoitens¹, John Ham¹, Konrad Madar¹
1. Onze Lieve Vrouwe Gasthuis, Amsterdam, The Netherlands
2. Sentralisykhuset, Førde, Norway
33 rd EPOS meeting Bruges, 2014
Guests from all over the world

George Thompson  Peter Armstrong  Freeman Miller  Michael Sussman
33rd EPOS meeting Bruges 2014
Local Heros

Deborah Eastwood
president

Ralph Sakkers
general secretary

Ivan Hvid
editor EPOS News

Anthony Catterall
„Meet the Mentor“ for YoungEPOS
33rd EPOS meeting Bruges, 2014
EPOS Presidents 1995-2014

Ernesto Ippolito Muharrem Yazici  Dietrich Schlenzka Rüdiger Krauspe Franz Grill Shlomo Wientroub Michael Benson Deborah Eastwood André Kaelin Klaus Parsch Nando de Sanctis
Not on the picture: Jan van der Eijken, Pavel Dungl, Gérard Bollini, Tomas Epeldegui
33rd EPOS meeting Bruges, 2014
Presidential Guest Lecture
Muharrem Yazici, Ankara, Turkey

“Paediatric Orthopaedics: A bridge between countries, cultures and continents”
33rd EPOS meeting Bruges
Presidential Guest Lecture

Pediatric Orthopaedics: A bridge between cultures, countries, even continents. Presidential Guest Lecture presented by Muharrem Yazici at the 33rd EPOS Annual Meeting in Bruges.

There is hope: we must form partnerships to produce and use biological, material and scientific assets. Or the Noah that will save us from the great flood will never come. Rather than an ark to protect us from the typhoon and carry us to safe shores, what we need is a bridge that will bring us closer together.

Humankind requires new bridges, not new walls. Bridges that minimize distances, overcome boundaries and make life easier. And not a bridge where one of the cruelest wars in history began, or one that has been made the target of enmity and defaced in order to cease the communication between two worlds.

Dictionaries define the word ‘bridge’ as ‘a structure built so that a transportation route and cross above an obstacle’. It is a metaphor frequently utilized in literature, art and philosophy. As a metaphor, a bridge between people enables the passage of ideas, it connects people who are in different places, it enables help to be connected, it opens up the opportunity for people to be helped, it reduces isolation, it is a more efficient way of getting to another point, it increases the range of options available, and so the list continues.

The EPOSHelp Project, which we started with these feelings, has gained great momentum with the Regional Core Curriculum courses, the first steps to bring together the periphery and center of Europe together. So far we have built new bridges to four countries, transmitted to them the message of ‘we are Europe together’, and we are excitedly counting down the days to two new destinations as well. While the R-CCC Project is a good beginning, it is a minor step in the final order of things. One leg of our compass rests at the heart of Europe. Everywhere the other leg can reach is within our interest. I like to imagine that EPOS, who has acquired a respectable role of leadership with its scientific and academic identity, can lead the way for these kinds of activities as well. I have a dream. Wherever in the world there is a child that has a hand outstretched for orthopaedic help, EPOS should hold it, both directly and indirectly. We can reach this dream step by step with educational courses, supplying educational material, surgical and medical missionary excursions, practical training of local physicians and healthcare personnel, giving them the opportunity of visiting our clinics and observing modern procedures. I like to imagine that EPOS could act as the coordinator, facilitator and initiator for the existing efforts of individuals and smaller organizations. All those that think these are mere dreams, and I a mere dreamer, I would like to remind of a quote by William Russell: “The greatest achievements have been done by people who had the greatest dreams.”
33 rd EPOS meeting Bruges, 2014
Gala Dinner Provincial Hof April 4th

Provincial Hof
33rd EPOS meeting Bruges, 2014
Gala Dinner Provincial Hof

Irene Ghanem  Livia Elbaum  Laura Pagnotta

Reinhard Zeller  Fritz Hefti  Pierre Moens

Mohammed El Sobky, Peter and Jenny Cundy, Carol Hasler, Jack Flynn

Renaud Rossillon Anne DeBacker
33rd EPOS meeting Bruges, 2014
Gala Dinner Provincial Hof

On the dancing floor: Robert and Angelika Hill et al

Michael Benson, Edel Parsch, Glyn Benson, Klaus Parsch
33 rd EPOS meeting Bruges, 2014
Pro maximis meritis
Shlomo Wientroub Tel Aviv, Israel

Shlomo Wientroub
Shlomo Wientroub, Deborah Eastwood, honour speech: Franz Grill
33rd EPOS meeting Bruges, 2014
Pro maximis meritibus
Fritz Hefti Basel, Switzerland

Fritz Hefti

Fritz Hefti Deborah Eastwood Rüdiger Krauspe
33rd EPOS meeting Bruges, 2014
EPOS Foundation Charity Run

Saturday April 5th 7:45 a.m.
POSNA Fellows visiting Europe 2014
This year EPOS welcomes the POSNA Travelling fellows:

Dr Matthew Halanski. Associate Professor at the University of Wisconsin in Madison: amongst his many interests is the use of simulation in orthopaedic training.

Dr Michael Lucas Murnaghan. Assistant Professor and Director of Surgery at the University of Toronto, based at the Hospital for Sick Children: his interests include sports medicine and the factors

Dr M Wade Shrader. Clinical Assistant Professor at the University of Arizona in Phoenix: his interests include the management of neuromuscular conditions and infection.

The fellows arrived just before the Bruges meeting and have already met our hosts in Belgium. After the meeting they will travel to Stuttgart, Germany and then on to Ankara, Turkey. Please do say hello to them if you see them during the meeting and help to make them feel welcome!
OP17 / 11:10 - 11:20
Age-dependent normal values for bony, cartilaginous and labral coverage in the pediatric hip measured on MRI
Hanspeter Huber¹, Laurence Mainard-Simard², Pierre Lascombes³, Jean-Baptiste Meyer⁴, Renaud Fay⁵, Pierre Journeau⁶
1. University Children’s Hospital, Zurich, Switzerland
2. Children’s Hospital of Nancy, Nancy, France
3. Division of Pediatric Orthopaedics, University of Geneva, Geneva, Switzerland
John Sharrard Best Clinical Science Paper 2014

Elizabeth Ashby

Deborah Eastwood

OP12 / 09:50 - 10:00
Characterisation of hip morphology in children with Mucopolysaccharidosis Type 1/2
Markus Baker, Elizabeth Ashby, Deborah Eastwood
Great Ormond Street for Children, London, United Kingdom
33rd EPOS meeting Bruges, 2014
Jürgen Baumann Best poster 2014

Deborah Eastwood  Camille Thevenin-Lemoine

PP19  Reconstruction using induced membrane technique after segmental bone resection of primitive malignant bone tumours in children
Camille Thevenin-Lemoine, Pierre Mary, Manon Bachy, Franck Fitoussi, Raphael Vialle
Hôpital Trousseau, Paris, France
33 rd EPOS meeting Bruges, 2014
Presidential Transfer
Deborah Eastwood to Pierre Lascombes
34th EPOS meeting Marseille, France
April 15th – 18th 2015

local host
Gérard Bollini

local host
Jean Luc Jouve

EPOS president:
Pierre Lascombes
President’s Welcome Message

On behalf of the EPOS Board and myself I would like to welcome you to Marseille and to the 34th Annual Meeting of our Society.

Our society has always had a reputation for being able to mix business with pleasure and I am sure that we will continue that tradition over the next few days here in France where our local hosts have helped to arrange a social programme that compliments our scientific programme: historic venues and new ideas. In 2015, EPOS invite IFPOS for a scientific and social common activities.

Our Reading Committee with the help of the Scientific Committee have put together an interesting programme which we hope will highlight the best of recent research, provoke discussion during the meeting and give you plenty of ideas to take home with you.

The pre meeting day is dedicated to Humanitarian activities, a combined session with IFPOS. In the afternoon, the Advanced Course on long bone severe deformities and length discrepancies correction focuses on difficulties and strategies. Our industry partners have also contributed in many ways to help make this meeting educational and enjoyable: we hope that you will attend the exhibition and the industrial symposia.

As well as our local hosts Prof Jean-Luc Jouve and Gerard Bollini, I would like to thank our colleagues in CAOS and Torres-Pardo for all their help in arranging this congress: all their hard work has been much appreciated.

I do hope that you find the science stimulating and the meeting enjoyable!

With best wishes,

Pierre Lascombes.
34 th EPOS meeting Marseille, 2015
Combined with IFPOS April 15th-18th 2015

Marseille overlooked by Notre Dame de la Garde

"Le Viex Port" "Old Harbour"

Harbour
34th EPOS meeting Marseille, 2015
Combined with IFPOS April 15th-18th 2015

Le Pharo Congress Center

IFPOS president Ken Kuo, EPOS president Pierre Lascombes
34th EPOS meeting Marseille, 2015
EPOS IFPOS Combined meeting
Humanitarian Effort in Pediatric Orthopaedics

Part II: Specific Paediatric Skeletal Muscular Conditions

Moderators:
William Mackenzie, Wilmington, Delaware, United States
Ashok Jothani, Mumbai, India

10:40 - 10:50
Bone and joint infections
Julyn Aguilar, Manila, Philippines

10:50 - 11:00
Pott’s disease
André Kaolin, Geneva, Switzerland

11:00 - 11:10
Poliomyelitis
Benjamin Joseph, Mangalore, India

11:10 - 11:20
Pediatric Orthopedic Trauma: overview and challenges
Jamal F. Soni, Paramá, Brazil

11:20 - 11:30
Discussion

11:30 - 11:40
Humanitarian Effort in Paediatric Orthopaedics
Shafique Pirani, Vancouver, Canada

11:40 - 11:50
DDH: Surgical treatment after walking age
Maher Ben Ghachem, La Soukra, Tunisia

11:50 - 12:00
Myanmar experience scoliosis
Jérôme Salés de Gauzy, Toulouse Cedex, France

12:00 - 12:10
What do we expect from you as recipient?
Saw Aik, Kuala Lumpur, Malaysia

12:10 - 12:20
Discussion

12:20 - 12:30
Wrap-up, conclusion
Pierre Lascombes, Genève, Switzerland, Ken N. Kuo, Taipei, Taiwan

Opening remarks
Ken N. Kuo, Taipei, Taiwan
Pierre Lascombes, Geneva, Switzerland

08:30 - 08:40

08:40 - 10:10

08:40 - 09:00
What do we expect from you, point of view a charitable organization?
Bernard Sabrier, Geneva, Switzerland

08:00 - 09:20

09:00 - 09:20
Medicins du Monde
Bernard Granjon, Marseille, France

09:20 - 09:30

09:30 - 09:40
Deleterious effects of a long term humanitarian action
Jean-Luc Jouve, Marseille, France

09:40 - 09:50

09:50 - 10:00
The challenges of teaching pediatric orthopedics in developing countries
Pablo Castañeda, Mexico City, Mexico

10:00 - 10:10
Discussion

10:10 - 10:10
Discussion

Humanitarian Effort in Paediatric Orthopaedics

Moderators:
Gérard Bolini, Marseille, France
André Kaolin, Geneva, Switzerland

08:30 - 09:00

08:00 - 09:30

09:00 - 09:30
POSNA, COUR and Beyond
Sanjeev Sathbunwall, New Jersey, USA

09:30 - 09:40

09:10 - 09:40
Deleterious effects of a long term humanitarian action
Jean-Luc Jouve, Marseille, France

09:40 - 09:50

09:50 - 10:00
Pediatric Orthopedic Needs and Response in Disasters
Ehman Bar-Din, Petah Tikva, Israel

10:00 - 10:10
Discussion

10:10 - 10:10
Discussion
34th EPOS meeting Marseille, 2015
Pre-meeting EPOS advanced course

15:30 - 15:55 3. Bone lengthening: specific indications
15:15 - 15:25 Bridging joints, soft tissue releases, physiotherapy
Franck Launay, Marseille, France
15:25 - 15:35 Unstable knee
Rudolf Ganger, Vienna, Austria
15:35 - 15:45 Treatment of foot deformities in tibia hemimelia
Dror Poley, West Palm Beach, Florida, United States

15:45 - 16:05 4. Complications and long term follow up
16:05 - 16:15 Pin site infection to osteotomy fractures prevention to treatment
Dimitri Coroni, Geneva, Switzerland
16:15 - 16:35 Lengthening of the humerus: management of proximal humeral
Gamal Hashi, Cairo, Egypt
16:35 - 16:45 Forearm lengthening: management of elbow and wrist
Franck Launay, Marseille, France
16:45 - 16:55 Achronostasia: limits of bilateral lengthening procedures
Robert Rael, Munich, Germany
16:55 - 17:05 Cosmetic lengthening: what are the indications?
Dror Poley, West Palm Beach, Florida, United States
17:05 - 17:15 Cosmetic lengthening: what are the limits?
Francesco Guerchischi, Grosseto, Italy
17:15 - 17:25 Discussion
17:25 - 17:35 Pin site infection to osteotomy fractures prevention to treatment
Dimitri Coroni, Geneva, Switzerland
34th EPOS meeting Marseille, 2015
Welcome reception April 15th

Gérard Bollini, Muharrem Yazici
Andrea Micaglo, Giampaolo Trivella

Late afternoon view from Palais du Pharo guests flockling in for reception
34th EPOS meeting Marseille, 2015
Welcome ceremony April 15th

Gérard Bollini

Elke Viehweger

National societies of 60 EPOS countries
34th EPOS meeting Marseille, 2015
Welcome ceremony thanking ladies

President Pierre Lascombes presents flower bouquets to
Cathérine Bollini, wife of local host
Françoise Lascombes, wife of president
Barbara Mees, wife of general secretary
Deborah Eastwood, past president
34th EPOS meeting Marseille, 2015
Welcome ceremony April 15th
EPOS Fellow visiting South America in 2014

South American hosts: Miguel Galban Venezuela, Juan Carlos Couto Argentina, Patricia Fucs Brasil
Travelling fellows in 2014: Salih Marangoz Turkey, Neritan Borici Albania, Pierre Lascombes EPOS president
34th EPOS meeting Marseille, 2015
Welcome ceremony April 15th
SLAOTI Fellows visiting Europe 2015

Juan Carlos Couto Argentina  past president SLAOTI  Patricia Fucs  Brasil  past president SLAOTI
Miguel Galban  Venezuela president SLAOTI
In the center the fellows : Hector Araoz Ortiz Bolivia, Geovanny Oleas Santillan  Ecuador,  Ana Maria Birrer Gonzalez  Chile
34th EPOS meeting Marseille, 2015
Welcome ceremony
Gregory Mencio POSNA President
34 th EPOS meeting Marseille, 2015
Welcome reception
34 th EPOS meeting Marseille, 2015
Welcome reception April 15th

Andrea Borgo Italy, Federico Canavese France, Igor Smigovec Croatia,
Vito Pavone Italy, Neritan Borici Albania, Cosimo Gigante, Italy
34th EPOS meeting Marseille, 2015
Presidential Dinner at the PERON April 16th

Michael Benson, Jarek Czubak, Thomas Wirth, Klaus Parsch

President Pierre Lascombes

Fabiola and Nando de Sanctis, Ernesto Ippolito

Dror Paley, Michael Bell, Hakan Ömeroglu, Peter Waters, Franz Grill
34th EPOS meeting Marseille, 2015
Presidential Dinner at the PERON April 16th

Michael Sussman Shlomo Wientroub

Gregory Mencio, Deborah Eastwood, Lori Karol

Ignacio Sampera, Thomas Wirth, Ralph Sakkers

Alain Dimeglio Jean Dubousset, Pierre Lascombes
34 th EPOS meeting Marseille, 2015
Young EPOS April 15th
Scientific session: Foot & Ankle + Cerebral palsy

Moderators:
Bjarne Møller-Madsen, Aarhus C, Denmark
Manuel Cassiano Neves, Lisboa, Portugal

OP7 / 09:02 - 09:08
Treatment of Calcaneal Apophysitis: a Pragmatic Therapeutic Randomized Clinical Trial

Johannes Wienermüller, Peter AA Struijs
1. Academic Medical Center, Amsterdam, Netherlands
2. AMO Amsterdam, Amsterdam, Netherlands

OP8 / 09:08 - 09:14
Arthroscopic Talocalcaneal Coalition Resection in Children

Jorge Knorr, Francisco Sollicitad, Paula Díaz-Gullardo, Jerome Sales de Gauzy
1. Hospital Sant Joan de Déu, Barcelona, Spain
2. Hospital des Enfants Toulouse, Toulouse, France

OP9 / 09:14 - 09:20
Resection of Navicular Bone as an Option in the Operative Treatment of Severe and Contracted Neurogenic Equinovarus Feet

Chakravarty U Dussa, Leonhard Diederichen
1. Orthopädische Kinderklinik, Aachen, Germany

OP10 / 09:20 - 09:26
Foot and Ankle Function at Matunility after Nizarov Treatment for Atrophic-type Congenital Pseudarthrosis of the Tibia (CPT): A Comprehensive Outcome Comparison with the Norms

Sung Gye Seo, In Ho Choi, Yeon Seo Kim, Dong Yeon Lee, Won Joop Yoo, Taesoon Cho
1. ENU Children’s Hospital, Seoul, Korea
2. SNUH, Seoul, Korea

OP17 / 10:56 - 11:02
Histopathology of human slipped Capital Femoral Epiphysis

Melinda Witbreuk
1. VUmc, Amsterdam, Netherlands

OP18 / 11:02 - 11:08
Pelvic Incidence and acetabular version in slipped Capital Femoral Epiphysis

Jeremy Gebhart, Michael Bohi, Douglas Weinberg, Daniel Cooperman, Raymond Liu
1. Rainbow Babies & Children’s, Cleveland, United States
2. Brown University, Providence, United States
3. Yale University, New Haven, United States

OP19 / 11:08 - 11:14
Continued Delay in Diagnosis of Slipped Capital Femoral Epiphysis

Alexander Broome, Lindsay Andras, Kody Barrett, Rachel Goldstein, Herman Luther, Nicholas Fletcher, Robert Runner, Christine Bowman, David Skaggs
1. Children’s Hospital Los Angeles, Los Angeles, United States
2. Boston Children’s Hospital, Boston, United States
3. Children’s Healthcare Atlanta, Atlanta, United States

OP20 / 11:14 - 11:20
The “skinny” SCFE

Rachel Goldstein, Erin Bawick, Alexander Broome, Kody Barrett, Nicholas Fletcher, Robert Runner, Christine Bowman, Lindsay Andras, Michael Mills
1. Children’s Hospital LA, Los Angeles, United States
2. Boston Children’s Hospital, Boston, United States
3. Children’s Hospital of Atlanta, Atlanta, United States
34 th EPOS meeting Marseille 2015
Scientific session Friday April 17th
DDH; Spine
Scientific session: Upper extremity + Musculoskeletal infections

Moderators:
- Marek Synder, Lodz, Poland
- Ernesto Ippolito, Roma, Italy

OP82 / 08:00 - 08:06
Phyloplastic Simple Resection Of Ulnar Tumor For Deformities Of The Forearm In Multiple Osteochondromas
Masato Morita1, Makoto Kamagaya1, Takashi Saito1, Yoko Segawa1, Jun Kakizawa1, Reiko Tanaka1
1 Chiba Pediatric Orthop. Group, Chiba, Japan

OP83 / 08:06 - 08:12
Evaluation Of The Results Ulnar Lengthening For Correction Of Forearm Deformity In Multiple Hereditary Exostosis, Preliminary Results
Amin Abdelrazek Ahmed
1 Alexandria University, Alexandria, Egypt

OP84 / 08:12 - 08:18
Radiographic Criteria for Undergoing an Ulnar Shortening Osteotomy in Madelung Deformity: A Long-Term Experience from a Single Institution
Sebastian Farr1, Leslie A. Kalfas1, Donald S. Bajj1, Peter M. Waters1
1. Orthopedic Hospital Speising, Vienna, Austria
2. Children’s Hospital Boston, Boston, United States

08:18 - 08:28 AUDITORIUM

Discussion

OP85 / 08:28 - 08:34
Vertical Scapular Osteotomy in Congenital High Scapula.
Tarek Abdelaziz1
1. An Nasser University, Cairo, Egypt

OP86 / 08:34 - 08:40
The Choice of Donor Site for Reconstruction Of Elbow Flexion In Patients With Amyoplasia
Olya Agranovich1, Alexey Balduvashvili2
1. The Turner Institute, St. Petersburg, Pushkin, Russian Federation
2. The Turner Scientific and Research Institute for Children’s, St. Petersburg, Russian Federation

OP87 / 08:40 - 08:46
Is There A Role For Conservative Treatment In Pediatric Trigger Thumb? A Systematic Review
Sebastian Farr1, Rudolf Ganger1, Werner Girsch1
1. Orthopedic Hospital Speising, Vienna, Austria

Scientific session: LCP; Tumours + Innovative

Moderators:
- Hakan Omurtaglu, Eskisehir, Turkey
- Juan Luc Jouve, Marseille, France

OP89 / 10:40 - 10:46
Assessment Of Femoral Head Revascularization In Legg-Calve-Perthes Disease (LCPD) Using Serial Perfusion MRI
Harry Kim1, Jamie Burgess1, Paul Gudmundsson1, Alec Thoveson1, Molly Dempsey1, Chank Hee Jo1
1. Texas Scottish Rite Hospital, Dallas, United States

OP90 / 10:46 - 10:52
Outcome After Combined Pelvic And Femoral Osteotomy In Patients With Legg-Calve-Perthes Disease
Harlin Rupprecht1, Sandra Breyer1, Nadine Mosow1, Karsten Ridderbusch1, Ralf Stöcker1
1. Altonaer Children’s Hospital, Hamburg, Germany

OP91 / 10:52 - 10:58
Quality of Life Altered in LCPD-patients after Intense Surgery?
Bettina Westhoff1, Nina-Kristin Palmen1, Dietmar Rosenthal1, Christophe Zilken1, Ruediger Krauspe1
1. Dept. of Orthopaedics, Düsseldorf, Germany
2. Dept. of Neurology, Düsseldorf, Germany

OP92 / 10:58 - 11:04
Legg-Calve-Perthes Disease (LCPD) Produces Significant Elevation of Pro-inflammatory Cytokine Interleukin-6 (IL-6) in the Synovial Fluid and Chronic Hip Synovitis
Nobuhiko Kamiya1, Ryosuke Yamaguchi1, Naga Sunee Adapala1, Elena Chee1, David Neal1, Jack O’Brien1, Alec Thoveson1, Paul Gudmundsson1, Case Brown1, Hicham Dossa1, Harry Kim1
1. Texas Scottish Rite Hospital, Dallas, United States
2. UT Southwestern Medical Center, Dallas, United States
3. UCONN health center, Farmington, United States

11:04 - 11:12 AUDITORIUM

Discussion

OP94 / 11:14 - 11:18
Long-Term Outcome Following Lower Limb Salvage with Massive Bone Allograft and Intramedullary Free Fibula (Capeanna Technique) in Pediatric and Adolescent Patients
Anthony Stans1, Matthew Houdek1, Eric Wagner1, Franklin Sim1, Steven Moran1
1. Mayo Clinic, Rochester, United States
34th EPOS meeting Marseille, 2015
Gala Dinner Palais du Pharo

Congress Chairman Gérard Bollini

Congress Chairman Jean Luc Jouve
34th EPOS meeting Marseille, 2015
Gala Dinner Palais du Pharo

Frank Plaschaert Gérard Bollini
Renaud Rossillon Anne DeBacker

Harry Kim Nick Clarke

Ivan Krajbich, Diane Holmes, Jarek Czubak

Maki and Makoto Kamegaya Julyn Aiguilar Michael and Jill Millis, Teri Stech(POSNA)
34th EPOS meeting Marseille, 2015
Gala Dinner Palais du Pharo

Aune and Kalevi Osterman
Antonio and Maria Paola Andreacchio
Ismat and Irene Ghanem, Alain Dimeglio

Cathérine Bollini Robert and Livia Elbaum
Martha Mackenzie, Carol Hasler, William Mackenzie, Dror Ovadia
34th EPOS meeting Marseille, 2015
Gala Dinner Palais du Pharo

President thanking Jean Luc Jouve ………………………talking to incoming president Bjarne Moeller-Madsen

Anne and Bjarne Moeller-Madsen, Pierre Lascombes applauding ………. and….. dancing with his wife Françoise
34 th EPOS meeting Marseille, 2015
Gala Dinner Palais du Pharo

Alain Dimeglio, Fritz and Christane Hefti, Valerie Dimeglio
Napoleon III
ball room
34th EPOS meeting Marseille, 2015
Pro maximis meritis
Gérard Bollini, Marseille, France

Gérard Bollini
Honour speech
Pierre Lascombes
Franz Grill Vienna, Austria

„Bone Lengthening and Deformity Correction – From Europe with Love“
Jean Luc Jouve Sébastien Pesenti,

**OP47 / 08:52 - 08:58**

**Evolution Of Adolescent Idiopathic Scoliosis: Results Of A 20-Year Follow-Up Study**

Candidate for Clinical paper award

**Sébastien Pesenti**, Benjamin Blondel, Emilie Peltier, Christian Morin, Jérôme Sales de Gauzy, Stéphane Wolff, Antoine Chalopin, Jean-Luc Jouve

1. Timone enfants, Marseille, France
2. Timone, Marseille, France
3. Institut Calot, Berck sur Mer, France
4. Hôpital des Enfants, Toulouse, France
5. Hôpital Saint Joseph, Paris, France
6. Hôpital d'Enfants, Nantes, France
34th EPOS meeting Marseille, 2015
Klisic Best Basic Science Paper Prize

David Little

Tegan Cheng, co-author holding Klisic Award

**OP26 / 14:37 - 14:43**
A Combination of Sclerostin Antibody and Zoledronic Acid Treatment Outperforms either Treatment alone in a Mouse Model of Osteogenesis Imperfecta

*Candidate for Clinical paper award*

**David Little**, Lauren Peacock, Kathy Mikulec, Michaela Kneissel, Ina Kramer, Tegan Cheng, Aaron Schindeler, Craig Munns

1. Children’s Hospital Westmead, Westmead, Australia
2. Novartis Pharma, Basel, Switzerland
34th EPOS meeting Marseille, 2015
Jürgen Baumann Best Poster Prize 2015

Christian Oye

Darko Anticevic announcing Jürgen Baumann Best Paper Poster Award

PP8  Risk Factors for Developing Dysplasia of the Femoral Trochlea in Newborns
Christian Øye¹, Ketil Jarl Holen¹, Olav Andreas Foss¹
¹. University Hosp. of Trondheim, Trondheim, Norway
Pierre Lascombes to Bjarne Moeller-Madsen
35th EPOS meeting Rome, Italy
April 6th – 9th 2016

congress chairman
Ernesto Ippolito

congress chairman
Gaetano Pagnotta

EPOS President
Bjarne Moeller-Madsen
35th EPOS meeting Rome, 2016

Vatican

Fontana di Trevi

Forum Romanum
35th EPOS meeting Rome, 2016
Opening ceremony

president Bjarne Moeller-Madsen
35th EPOS meeting Rome, 2016
Opening ceremony

EPOS president Bjarne Moeller-Madsen
POSNA president Lori Karol
35th EPOS meeting Rome, 2016
Opening ceremony

Singer actress Maddalena Crippa


Maddalena Crippa Bjarne Moeller-Madsen Gaetano Pagnotta
35th EPOS meeting Rome, 2016
EPOS BAT Educational Program Advanced course

13:30 – 13:35
Welcome and Introduction
E. Ippolito

13:35 – 13:45
Epidemiology, Etio-patogenesis
M. Witbreuk

13:45 – 14:00
Macro-pathology and Biomechanics
O. Birke

14:00 – 14:10
Histopathology
I. Tresoldi, E. Ippolito

14:10 – 14:25
Clinic, Diagnosis and Classification
M. Millis

14:25 – 14:35
Imaging Modalities
C. Zilkens

15:30 – 15:40
In situ pinning, Contralateral pinning
G. Hägglund

15:40 – 16:05
In situ pinning, Long Term Follow-Up Studies
F. Accadbled, T. Terjesen, S. Weinstein

16:05 – 16:20
Intertrochanteric Osteotomies
M. Witbreuk

16:20 – 16:35
Open Reduction
K. Parsch, B. Ilharreborde

16:35 – 16:50
Open Dislocation, Hip Decompression
D. Little

16:50 – 17:05
Femoral-Acetabular Interventions – When & How
H. Manner

17:05 – 17:15
SCFE Management and the Arthroscope
F. Accadbled
35th EPOS meeting Rome 2017
Audience with Pope Francis April 6th 2016

EPOS members attend the General Audience on Saint Peter’s Square

Holy Father accepting present from Gaetano Pagnotta
In prima linea: Mr & Mrs. Pagnotta, Epeldegui and Parsch
35 th EPOS meeting Rome
Private Visit to Sistine Chapel April 8th 2016
35th EPOS meeting Rome, 2016
Pro maximis meritis
Terje Terjesen, Oslo, Norway
35 th EPOS meeting Rome 2016
Presidential Guest Lecture
Klaus Parsch, Stuttgart, Germany

“Children‘s Fractures 2016 – an update“
35th EPOS meeting Rome, 2016
John Sharrard Best Clinical Science Award

Darko Anticevic, Virginie Pollet, Bjarne Moeller Madsen

OP43 / 08:00 – 08:05
Abduction Bracing versus Natural History in Hip Dysplasia: Multicenter Randomized Controlled Trial
Virginie Pollet1, Ralph Sakkas2, Erik Beek3, Cuno Ulterwaal1, Michiel van de Sande1, Melinda Witbreuk1, Adriaan Mostert1, Arnold Besselaar2, René Castelein3
1Sophia’s Children’s Hospital, Department of Orthopaedic Surgery, Erasmus Medical Center, Rotterdam, Netherlands
2Wilhelmina Children’s Hospital, Utrecht, Netherlands
3University Medical Center, Utrecht, Netherlands
4VU Medical Center, Amsterdam, Netherlands
5Isala Hospital, Zwolle, Netherlands
6Catharina Hospital, Eindhoven, Netherlands
35th EPOS meeting Rome 2016
Predrag Klisic Best Basic Science Award

Darko Anticevic, Cesar G Fontecha, Bjarne Moeller-Madsen

OP9 / 09:27 – 09:32
Bone Antibiotic Bioavailability in Skeletally Immature Animal. A Pharmacokinetic Study
Cesar G Fontecha¹, Juan Antonio Porcel Vázquez², Carla Gilabert Carbajo², Pere Solé Palacín²,
Aurora Fernández Polo², María Jesús Mélia Grimal², Ramón Marti Seves³,
Juan José González López³, Maria Nieves Larrosa Escartín³
¹Hospital Universitary Vall d’Hebron, Barcelona, Spain
²Hospital Vall d’Hebron, Barcelona, Spain
³Vall Hebron Institute Research, Barcelona, Spain
⁴Vall Hebron Institute Research, Barcelona, Spain
35th EPOS meeting Rome, 2016
Jürgen Baumann Best Poster Award

Darko Anticevic, David Farrington, Bjarne Moller-Madsen

Interobserver and Intraobserver Variability with the IHDI (International Hip Dysplasia Institute) Classification: a Comparison Between Different Levels of Expertise

David Farrington

Hospital Virgen del Rocío, Seville, Spain
35 th EPOS meeting Rome, 2016
Closing remarks

President Bjarne Moeller-Madsen thanking Ernesto Ippolito and Gaetano Pagnotta
35 th EPOS meeting Rome 2016
EPOSNA Presidents  Barcelona 2017

EPOS President 2017  Manuel Cassiano Neves and POSNA President 2017 Jim McCarthy
35th EPOS meeting Rome 2016
Presidential Transfer

Bjarne Moeller-Madsen       Manuel Cassiano Neves
EPOS meetings 1982 - 2017
EPOS General Secretary

1982-1987  Henri Bensahel  France
1987-1993  Alain Dimeglio  France
1993-1995  Jan van der Eijken  The Netherlands
1995-1999  Viktor Bialik  Israel
1999-2002  Guy Fabry  Belgium
2002-2006  Tomas Epeldegui  Spain
2006-2011  Pierre Lascombes  France
2012-2017  Ralph Sakkers  The Netherlands

EPOS Treasurer

1982-1987  Dietrich Tönnis  Germany
1987-1998  André Kaelin  Switzerland
1993-1999  Erica Lamprecht  Switzerland
1999-2004  Giovanni Peretti  Italy
2005-2009  Rüdiger Krauspe  Germany
2009-2012  Gaetano Pagnotta  Italy
2012-2015  Thomas Wirth  Germany
2016-  Dror Ovadia  Israel

Educational Committee

Chairman
2004 – 2008  Franz Grill
2009 – 2014  Bjarne Moeller-Madsen
2015 – 2017  Hakan Ömeroglu
Franz Grill had been chairman of the educational committee in the year 2004. In a recent letter he wrote about the beginning of the International Instructional Courses in Paediatric Orthopaedics:

“In the early two thousands a trend away from pediatric orthopaedics and towards other subspecialities of orthopaedics seemed obvious. Replacement surgery, sports medicine foot or shoulder surgery seemed more attractive and certainly were more lucrative. In many parts of Europe there was lack of know-how and high standards were not available for children with orthopaedic problems. Since 2004 Franz and Shlomo Wientroub had discussed the problem at length. They had come to the conclusion that training courses in pediatric orthopaedic and trauma should be established under the patronage of the European Society of Pediatric Orthopaedics. Ideally this course program should be international and free of cost, as many young trainees from the West or the East were hardly able to afford the prize for such schooling. The educational program should stimulate the interest for pediatric orthopaedics and thus encourage young people to recognize the fascination of pediatric orthopaedics.

Shlomo had the idea to find sponsorship from the European Union, both Franz and Shlomo had to learn from EU officials that in order to get financial support several EU countries had to be involved. They asked the actual EPOS president Gérard Bollini, who became immediately enthusiastic about the idea. In addition Dietrich Schlenzka from Helsinki, where “summer schools in pediatric orthopaedics” had been organized since 1990 was invited to join the group.

The first direct application to the European Commission for Education was not successful. With assistance of an Israeli company specialized as “research accelerator – unlocking the potential of European research funding” the European commission accepted and granted a generous funding of the project. The international instructional courses were named after the double Nobel Prize winner Marie Curie“ (Quote: Franz Grill).
# EPOS Instructional Courses of Paediatric Orthopaedics

Vienna – Helsinki – Marseille – Tel Aviv

Supported by the European Community-

Marie Curie Conferences and Training Courses

<table>
<thead>
<tr>
<th>Venue</th>
<th>Date</th>
<th>Topics</th>
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<tr>
<td>Vienna 2007</td>
<td>Dec. 1&lt;sup&gt;st&lt;/sup&gt;-Dec. 6&lt;sup&gt;th&lt;/sup&gt;</td>
<td>lower extremity, hip, foot, trauma part I (Franz Grill)</td>
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<td>(Springer-Schlöfl)</td>
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<td>Helsinki 2008</td>
<td>July 27&lt;sup&gt;th&lt;/sup&gt;- Aug. 1&lt;sup&gt;st&lt;/sup&gt;</td>
<td>spine, athletic child, upper extremity, trauma part II</td>
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<tr>
<td>(Orton Hospital)</td>
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<td>(Dietrich Schlenzka)</td>
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<tr>
<td>Marseille 2009</td>
<td>June 20&lt;sup&gt;th&lt;/sup&gt; – June 25&lt;sup&gt;th&lt;/sup&gt;</td>
<td>neuromuscular disorders, the pediatric knee</td>
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<td>(Timone Hospital)</td>
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<td>congenital and neuromuscular spine deformities</td>
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<td>Tel Aviv 2009</td>
<td>Nov. 28&lt;sup&gt;th&lt;/sup&gt; – Dec. 3&lt;sup&gt;rd&lt;/sup&gt;</td>
<td>trauma part III (Gérard Bollini)</td>
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<td>(Ma’ale Hachamisha Kibbutz Hotel)</td>
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<td>tumors, bone dysplasia, metabolic diseases, musculo-</td>
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<td>skeletal infections, trauma part IV (Shlomo Wientroub)</td>
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</tbody>
</table>

**Participation Rules, mandatory prerequisites:**
- Physician with special interest in paediatric orthopaedics/trauma
- Between one and ten years of clinical/research experience since graduation
- Good command of English language
Marie Curie International Instructional Courses of Paediatric Orthopaedics 2007-2009
Venue, Chairman

Vienna, Springer-Schlößl
Franz Grill
Helsinki ORTON Orthopaedic Hospital
Dietrich Schlenzka

Marseille, Timone Hospital
Gérard Bollini
Ma’ale Hachamisha, Kibbutz Hhotel
Shlomo Wientroub
Marie Curie International Instructional Courses of Paediatric Orthopaedics 2007-2009
Vienna 2007

Reinhard Graf about hip ultrasound

Ernesto Ippolito demonstrating Ponseti cast

Michael Benson and the pelvis

Shlomo Wientroub during US hip examination
Marie Curie International Instructional Courses of Paediatric Orthopaedics 2007-2009
Vienna 2007

1st Marie Curie Course in Vienna Dec. 1st-6th 2007 chairman Franz Grill

21 ladies participating
Marie Curie International Instructional Courses of Paediatric Orthopaedics 2007-2009
Helsinki
2008

Hip examination in prone position

Emergency room situation

Spine instrumentation hands on
Marie Curie International Instructional Courses of Paediatric Orthopaedics 2007-2009
Helsinki 2008 dinner cruise
Marie Curie International Instructional Courses of Paediatric Orthopaedics 2007-2009
Helsinki 2008

July 27th - August 1st 2008  ORTON Orthopaedic Hospital Helsinki Course Chairman Dietrich Schlenzka
Marie Curie International Instructional Courses of Paediatric Orthopaedics 2007-2009
Marseille 2009
Marie Curie International Instructional Courses of Paediatric Orthopaedics
Tel Aviv 2009

Five ten hour days of interactive teaching, seminars and hands-on work roundup by a “fireside discussion” from 8 pm to 10 pm

Intramedullary fixation of a radius demonstrated by Pierre Lascombes

After final exam and course evaluation Franz Grill to Francesco Soldado the certificate
Marie Curie International Instructional Courses of Pediatric Orthopaedics 2007-2009
Excursion to Jerusalem, Masada, Dead Sea

Jerusalem Dome of the Rock

Masada

Dead Sea
Marie Curie International Instructional Courses of Paediatric Orthopaedics
Tel Aviv 2009

November 28th – December 3rd 2009  Ma‘ale Hachamisha Kibbutz hotel course chairman Shlomo Wientroub
EPOS BAT International Instructional Courses of Paediatric 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 “EPOS 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. 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 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 Orthopaedics from all over Europe.

EPOS Scholarship

The EPOS Board wants to support the “EPOS BAT Educational Programme” by Scholarships. Hence Scholarships are launched on the EPOS Website before each trilogy of BAT-courses. The successful candidates are awarded 1500 € meant to cover partly the expenditures related to travel and accommodation. An application form will be available on the EPOS website.

From EPOS Newsletter December 2012
3rd EPOS-EFORT BAT
Instructional Course Trilogy Pediatric trauma
March 2015
3rd EPOS-EFORT BAT
Instructional Course Trilogy Basic II
2015

Part III;
Paediatric Orthopaedics Basic II
7-9 October 2015, Vienna, Austria

Course directors 2015
- Disorders of the Upper limb
- Disorders of the Knee
- Bone and Joint Infections
- Bone Tumors
- Neuromuscular Disorders
- Disorders of the Spine
- Master Techniques
- Controversial Issues
- Case Discussions
- Workshops
3rd EPOS-EFORT BAT
Instructional Course Trilogy Basic II Oct. 2015

Second row: Manoj Ramachandran, Muharrem Yazici, Dror Ovadia, Ignacio Sanpera, Hakan Ömeroglu, Andreas Kranzl
First row: Pierre Lascombes, Bjarne Moeller-Madsen, Thomas Wirth, Gaetano Pagnotta, Guy Molenaers
4th EPOS-EFORT BAT

Hakan Ömeroglu’s report on 4th EPOS-EFORT Instructional Course Trilogy in EPOS News March 2016
EPOS Scientific Committee

EPOS had introduced a scientific committee in 1997 with the goal to promote high quality and multi national research. The committee prepared several multicenter studies like on osteochondritis dissecans of the knee published by Hefti et al in 1999 and on congenital pseudarthrosis of the tibia published by Grill et al in 2000. Introduction of evidence-based medicine in paediatric orthopaedics has been a major objective for the scientific committee. A close collaboration with the educational committee has always been guaranteed.

In 2012 Andreas Roposch chairing the scientific committee formulated the objectives of this committee

Scientific Committee

Chairman/woman

1997 – 2004        Ernesto Ipplolito
2004 - 2009        Fritz Hefti
2009 – 2012        Andrew Wainwright
2012 – 2015        Andreas Roposch
2015 – 2018        Cristina Alves
The Journal of Children‘s Orthopaedics was founded by Henri Bensahel and Shlomo Wientroub in 2007.

JCO had been published by Springer Verlag, Heidelberg and is the official Journal of the European Paediatric Orthopaedic Society.

JCO is an Open Access Journal.

Plan for the future:
Acknowledgement

In order to present “EPOS Memories“, the information about the EPOS years 2007-2016, the local hosts were asked to send photos that had been taken during their congresses. In answer to my request all congress chairmen were helpful and provided me with their collection. I received memory sticks, DVDs and downloads to my dropbox with several thousand pictures. Everybody helped: Nando de Sanctis for 2007, Jaroslaw Czubak for 2008, Manuel Cassiano Neves for 2009, Darko Anticevic for 2010, Fritz Hefti for 2011, Dietrich Schlenzka for 2012, finally John Dimitriou for 2013, who sent a gigantic photo collection prepared by Frei Company. CAOS and Jürgen de Witte handed me a good number of photos taken during the meetings in Bruges (2014), Marseille (2015), and Rome (2016) to be included. I am grateful to all who have contributed so generously.

Franz Grill, once in charge of the educational committee has sent me numerous documents about the „Marie Curie Instructional Courses“. Hakan Ömeroglu chairman of the educational committee since 2014 has been extremely helpful with informations about the BAT Course Trilogies of the following years.

I thank my old friend Siegfried Stotz, who has been always encouraging. He is responsible for the connection to the printing company of the ICP Center in München. There Max Asenbeck was a perfect coordinator for the print of “EPOS Memories“. Finally I thank my wife Edel who has been so patient and encouraging throughout this project.

Stuttgart, March 2017

Klaus Parsch