**Print:** Department of Print (Herr Ahrens, Max Asenbeck) Professional Training Center
ICP München Integrationszentrum für Cerebralparesen
Garmischer Str. 241 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>
<thead>
<tr>
<th>Event</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sorrento 2007</td>
<td>6</td>
</tr>
<tr>
<td>Warsaw 2008</td>
<td>14</td>
</tr>
<tr>
<td>Lisbon 2009</td>
<td>28</td>
</tr>
<tr>
<td>Zagreb 2010</td>
<td>48</td>
</tr>
<tr>
<td>Basel 2011</td>
<td>72</td>
</tr>
<tr>
<td>Helsinki 2012</td>
<td>92</td>
</tr>
<tr>
<td>Athens 2013</td>
<td>108</td>
</tr>
<tr>
<td>Bruges 2014</td>
<td>146</td>
</tr>
<tr>
<td>Marseille 2015</td>
<td>174</td>
</tr>
<tr>
<td>Rome 2016</td>
<td>206</td>
</tr>
<tr>
<td>Europe map with annual meetings from 1982 – 2017</td>
<td>224</td>
</tr>
<tr>
<td>EPOS Offices</td>
<td>225</td>
</tr>
<tr>
<td>Marie Curie Instructional Courses</td>
<td>226</td>
</tr>
<tr>
<td>EPOS BAT Instructional Courses</td>
<td>239</td>
</tr>
<tr>
<td>EPOS Scientific Committee</td>
<td>245</td>
</tr>
<tr>
<td>Journal of Children’s Orthopaedics</td>
<td>246</td>
</tr>
</tbody>
</table>
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. Jaroslav 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
From left: Nando de Sanctis, Shlomo Wientroub, Seok Hyun Lee, Chadwick Smith, Lanfranco del Sasso, Vincenzo Riccio
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
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.

Thursday afternoon April 12th: Visit to Pompeji
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-Calvé-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 Bensahel and Ignazio Ponsetti that in recognition of their services and scientific activity they received the Honor Medals Proximis 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
27th EPOS meeting Warsaw 2008
Executive Board, Reading Committee

**EPOS Executive Board**

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>President</td>
<td>Ernesto Ippolito</td>
<td>Italy</td>
</tr>
<tr>
<td>1st Vice-President</td>
<td>Andre Kaelin</td>
<td>Switzerland</td>
</tr>
<tr>
<td>2nd Vice-President</td>
<td>Dietrich Schlenzka</td>
<td>Finland</td>
</tr>
<tr>
<td>Past-President</td>
<td>Shlomo Wientroub</td>
<td>Israel</td>
</tr>
<tr>
<td>General Secretary</td>
<td>Pierre Lascombes</td>
<td>France</td>
</tr>
<tr>
<td>Treasurer</td>
<td>Ruediger Krauspe</td>
<td>Germany</td>
</tr>
<tr>
<td>Councillors</td>
<td>Jiri Chomiak</td>
<td>Czech Republic</td>
</tr>
<tr>
<td></td>
<td>Jaroslav Czubak</td>
<td>Poland</td>
</tr>
<tr>
<td></td>
<td>Deborah Eastwood</td>
<td>United Kingdom</td>
</tr>
<tr>
<td></td>
<td>Milan Kokavec</td>
<td>Slovak Republic</td>
</tr>
<tr>
<td></td>
<td>Muharrem Yazici</td>
<td>Turkey</td>
</tr>
<tr>
<td></td>
<td>Fritz Hefti</td>
<td>Switzerland</td>
</tr>
<tr>
<td></td>
<td>Nando De Sanctis</td>
<td>Italy</td>
</tr>
<tr>
<td></td>
<td>Pavel Dungl</td>
<td>Czech Republic</td>
</tr>
<tr>
<td></td>
<td>Henry Bensahel</td>
<td>France</td>
</tr>
<tr>
<td></td>
<td>Shlomo Wientroub</td>
<td>Israel</td>
</tr>
<tr>
<td></td>
<td>Muharrem Yazici</td>
<td>Turkey</td>
</tr>
<tr>
<td></td>
<td>Franz Grill</td>
<td>Austria</td>
</tr>
<tr>
<td></td>
<td>Gérard Bollini</td>
<td>France</td>
</tr>
</tbody>
</table>

**EPOS Reading Committee**

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chairman</td>
<td>M. Yazici</td>
<td>Turkey</td>
</tr>
<tr>
<td>Members</td>
<td>A. Andreacchio</td>
<td>Italy</td>
</tr>
<tr>
<td></td>
<td>R. Brunner</td>
<td>Switzerland</td>
</tr>
<tr>
<td></td>
<td>J. Czubak</td>
<td>Poland</td>
</tr>
<tr>
<td></td>
<td>D. Eastwood</td>
<td>United Kingdom</td>
</tr>
<tr>
<td></td>
<td>M. El-Sobky</td>
<td>Egypt</td>
</tr>
<tr>
<td></td>
<td>J. Lechevallier</td>
<td>France</td>
</tr>
<tr>
<td></td>
<td>B. Moller-Madsen</td>
<td>Denmark</td>
</tr>
<tr>
<td></td>
<td>G. Pagnotta</td>
<td>Italy</td>
</tr>
<tr>
<td></td>
<td>J. Peltonen</td>
<td>Finland</td>
</tr>
<tr>
<td></td>
<td>J. Poul</td>
<td>Czech Republic</td>
</tr>
<tr>
<td></td>
<td>E. Segev</td>
<td>Israel</td>
</tr>
<tr>
<td></td>
<td>W. Strobl</td>
<td>Austria</td>
</tr>
<tr>
<td></td>
<td>T. Wirth</td>
<td>Germany</td>
</tr>
<tr>
<td></td>
<td>R. Zeller</td>
<td>France</td>
</tr>
</tbody>
</table>
From left: Geraldo de Coulon, Marek Napiontek, Marek Jozwiak, Marek Synder, Jarek Czubak, Michael Millis, Dietrich Tönnis, Rüdiger Krauspe, Franz Grill, Scott Mubarak, Baxter Willis, Reinald Brunner
<table>
<thead>
<tr>
<th>Time</th>
<th>Session 1. Hip in Adolescence</th>
</tr>
</thead>
<tbody>
<tr>
<td>08.10</td>
<td>Chairman: Ernesto Ippolito</td>
</tr>
<tr>
<td>08.20</td>
<td>Moderator: Jarosław Czubak</td>
</tr>
<tr>
<td>08.10</td>
<td>Plenary Lecture 1</td>
</tr>
<tr>
<td>08.29</td>
<td>Periacetabular osteotomy for adolescent hip dysplasia: Technical aspects and long-term follow-up</td>
</tr>
<tr>
<td></td>
<td>Moritz Tannast</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 2. Cerebral Palsy, Neuromuscular Disorders and Upper extremity</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.50</td>
<td>Chairman: Reinald Brunner</td>
</tr>
<tr>
<td>13.00</td>
<td>Moderator: Marek Jozwiak</td>
</tr>
<tr>
<td>10.50</td>
<td>10. Botulinum toxin treatment of the biceps brachii muscle in children with cerebral palsy causes muscle tissue regeneration</td>
</tr>
<tr>
<td>10.55</td>
<td>Eva Pontén</td>
</tr>
<tr>
<td>10.56</td>
<td>11. Long-term use of Botulinum Toxin type a (Btx-A) in children with cerebral palsy: Treatment consistency</td>
</tr>
<tr>
<td>11.01</td>
<td>Guy Molenaers</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Discussion</th>
</tr>
</thead>
<tbody>
<tr>
<td>11.02</td>
<td>12. Distal rectus transfer in children with cerebral palsy does improvement persist long term?</td>
</tr>
<tr>
<td>11.09</td>
<td>Freeman Miller**</td>
</tr>
<tr>
<td>11.10</td>
<td>13. Treatment of stiff knee gait in children with cerebral palsy</td>
</tr>
<tr>
<td>11.15</td>
<td>Ana Presedo</td>
</tr>
<tr>
<td>11.16</td>
<td>Discussion</td>
</tr>
<tr>
<td>11.21</td>
<td>14. Anthropometric measurements on growth of ambulant cerebral palsy children and adolescents</td>
</tr>
<tr>
<td>11.29</td>
<td>Manoussos Pentarakis, Dimitris Pasparakis</td>
</tr>
<tr>
<td>11.30</td>
<td>15. Results of orthopaedic surgery when the surgeons follow the gait analysis recommendations in children with cerebral palsy</td>
</tr>
<tr>
<td>11.35</td>
<td>Terje Terjesen</td>
</tr>
<tr>
<td>11.41</td>
<td>16. Effect of ankle foot orthoses on 3D trunk and pelvic motion during gait in children with cerebral palsy</td>
</tr>
<tr>
<td>11.46</td>
<td>Anja van Campenhout</td>
</tr>
<tr>
<td>11.47</td>
<td>Discussion</td>
</tr>
<tr>
<td>11.58</td>
<td></td>
</tr>
</tbody>
</table>
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 quartett

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
27th EPOS Meeting Warsaw, 2008
Pro maximis meritis
Anthony Catterall, London and Dietrich Tönnis Dortmund

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

Muharrem Yazici

Manuel Cassiano Neves

Jorge Mineiro

André Kaelin
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

Instructional Course gait analysis

Reinald Brunner

Bettina Westhoff
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

Manuel Cassiano Neves

André Kaelin

Marc Schlecht
Pierre Lascombes
Jérôme Bérard
Eric Wall
Pentti Kallio
28th EPOS meeting Lisboa 2009
Presidential Guest Lecture
Colin Moseley, Los Angeles CA

“Decisions in the Dark“
28th EPOS meeting Lisboa 2009
Scientific Program Cerebral Palsy
28th EPOS meeting Lisboa 2009
Scientific Program Clubfoot, Tumours

14.30–16.00 Session 6. Foot and ankle & Clubfoot & Tumors

Chairman: Ernesto Ippolito (Italy)
Moderator: Steve Richards (United States)

Franck Chotel, Philippe Wicart, Roger Parent, Vincent Canin, Raphael Sennen, Jerome Berard (France)

14.40–14.50 55. Successful correction of ankle-ankle foot with a modified Ponseti technique
Salih Marangoz, Harald Vast Savos, Dobro Soja, Wallace Lehman (United States)

14.50–15.00 56. A comparison of children with a history of clubfoot which underwent surgical or Ponseti treatment
Chris Chenoweth, Todd Copen, Ahmad Thabet, Edera Kowshagro, Mohan Bellur, Roland Stier, Dan Mason, John Herzenberg, Freeman Miller (United States)

15.00–15.10 57. Treatment of complex foot deformities in children with the Taylor Spatial Frame
Mark Eidelman, Alexander Katsman, Yamin Koren (Israel)

15.10–15.20 58. Osseous curve in patients younger than 18 years old
José Luis Bregenzer, Júlio Duran, Mikel San Julian (Spain)

Bettina Westhoff, Marcus Jager, Sebastian Pettier, Barbara Lehn, Brigitte Rooyen-Pokorna, Rolandus Kreipe (Germany)

Ernesto Ippolito  Steve Richards

Franck Chotel  Salih Marangoz  Bettina Westhoff  Mark Eidelman  Federico Canavese  John Dormans
28th EPOS meeting Lisboa 2009
Scientific Program SCFE

Saturday, April 4
08.00–12.00  Session 7. Hip & Lower Extremity

Chairman: Ruediger 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 Tuml (Czech Republic)

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

09.10-09.20  70. Preliminary experience using Fassier-Duval
 telescopic intramedullary system in the treatment of
ostogenesis 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 Brudieh
(United Kingdom)

09.30-09.40  72. Residual deformities following treatment of
pseudoarthrosis of tibia
Chacravarthy U Dussa, Leonhard Doederlein
(Germany)

09.40-09.50  73. Virtual surgery using 3D-CT images for
properative 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 Woodword operation for severe Sprengel’s deformity
Alaeldin A Ahmad (Palestinian Territory), Hugh Watts (United States)

Pierre Lascombes  Bjarne Moeller-Madsen

Jérôme Sales de Gauzy  Alaeldin Ahmad
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

Martha Mackenzie, Denise Richards

Desirée Moharamzadeh, Maurizio de Pellegrin

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

Coffè/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

14:00-14:05 Welcome and introduction
D. Schlenzka, D. Anticevic

14:05-15:25 Basic science, etiology, prognosis
Chairmen: Guy Fahey, Rudiger Krauspe

14:05-14:25 Perthes disease - Pathology and indications for treatment
Antony Catterall, UK

14:25-14:40 Hypercoagulability in the etiology of LCP disease
Shlomo Wientroub, Israel

14:40-14:55 Alteration of collagen metabolism in Perthes disease as an indicator for a systemic etiology
Bettina Westhoff, Germany

14:55-15:10 Legg-Calvé-Perthes disease and age
Alain Duméglio, France

15:10-15:25 Current state and directions in research of LCP
Richard Bowen, USA

15:25-15:50 Discussion

15:50-16:20 Coffee break—refreshments

16:20-16:30 Choices of management
Chairmen: Tony Catterall, Alain Duméglio

16:20-16:35 Treatment of LCP disease—is there a consensus?
Fritz Hefti, Switzerland

16:35-16:50 Proximal femoral varus ostectomy in the treatment of Perthes disease Terje Terjesen, Norway

16:50-17:05 Salter ostectomy in Legg-Calvé-Perthes disease
George H. Thompson, USA

17:05-17:20 Advanced containment methods for Perthes disease: Triple acetabular ostectomy Dennis R. Wenger, USA

17:20-17:35 Management of the late pain - in the era of surgical dislocation of the hip
Anthony Herring, USA

17:35-17:50 Perthes disease - Management of the older child
Antony Catterall, UK

17:50-18:20 Discussion

18:20-18:30 Wrap-up—Alain Duméglio
29th EPOS meeting Zagreb 2010
Pre-Meeting Course
Faculty: Legg-Calvé-Perthes Disease

Perry Schonecker, Terje Terjesen, Anthony Catterall, Bettina Westhoff, Fritz Hefti, Dennis Wenger, Richard Bowen, Alain Dimeglio, Tony Herring, Shlomo Wientroub, Darco Anticevic, Rüdiger Krauspe, George Thompson
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

Moderator: Deborah Eastwood

Chairman: Dennis Wenger

Friday April 9

08.00–10.00 Session 4

DDH

Chairman: Dennis R. Wenger, United States

Moderator: Deborah Eastwood, United Kingdom

08.00–8.10 28. Variation in diagnostic criteria for developmental dysplasia of the hip among orthopaedic surgeons***

Andreas Roposch, Liang G Liu, Fritz Hefft, Nicholas MP Clarke, John H Wedge (United Kingdom)

8.10–8.20 29. The rational strategies for detecting developmental dysplasia of the hip at the age of 2–6 months old infants: a prospective study

Anton Tudor, Branko Sestan, Ivan Rakovac, Tomislav Prpic (Croatia)

8.20–8.30 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

Christian Morin, Javier Bisogno (France)

8.30–8.40 31. Long-term results of open versus closed reduction in DDH: is open reduction always worse?

Thomas Wirth, Yvonne Wirth (Germany)

8.40–8.50 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?

Deborah Eastwood, Anish Pradip Sanghrajka, Claire Murnaghan, Andreas Shekkeris, Robert Hill, Andreas Roposch (United Kingdom)

8.50–9.00 33. No protective effect of the ossific nucleus was found on the development of avascular necrosis after reduction of a dislocated hip

Odeh Odeh, John H Wedge, Andreas Roposch (United Kingdom)

9.00–9.10 34. Bilateral DDH has poorer outcomes

Ken N Kuo, Kwan Wen Wu, Ting Ming Wang, Shier Chieg Huang (Taiwan)

9.10–9.20 35. Results of Dega acetabulopasty in congenital hip dislocation

Virginie Rampal, Elena Arellano, Y Boubakeur, Raphael Seringe, Philippe Wicart (France)

9.20–9.30 36. Long-term results of Chiari’s pelvic osteotomy

Catharina Chiari, Heidrun Hofmann, Jochen G Hofstaetter, Andreas Lunzer, Eleonora Wanke-Jellinek, Philipp Peloschek, Rainer Kitz (Austria)

9.30–9.40 37. Evaluation of surgeons’ decisions, regarding the need of secondary surgery, in DDH

Hakan Omeroglu, Haluk Agus, Ali Bicimoglu, Yucel Tumer (Turkey)

9.40–9.50 38. Delayed reduction in congenital dislocation of the hip and the need for secondary surgery: radiological predictors and confounding variables

Nicholas Clarke, Abdul Wahed, Sariyah Alhallaq, David Culliford, Ben Bolland (United Kingdom)

9.50–10.00 39. Evaluation of treatment results of developmental dysplasia of the hip in walking age children

Nicole Annette Marie Heesakkers, Melinda ME Witbreuk, P P Besselaar, Patrick G Maathuis, J A Van Der Sluijs (Netherlands)
29th EPOS meeting Zagreb, 2010
Scientific program hip & lower limb

Chairman:
Franz Grill

Moderator:
Rüdiger Krauspe

10.30–12.00 Session 5
Hip and Lower Extremity

10.40–10.50
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 Radler, 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, J 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 physiodesis: does age and location of the physis affect the results?
Henrik Lauges-Pedersen, Katharina Delhusen, Philippe Wagner, Gunnar Hagglund (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 Wiart, 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

Croatian State Archives  EPOS POSNA visitors
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

Edel and Klaus Parsch

John Dormans   Peter Waters

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
Nando de Sanctis Napoli, Italy

Ernesto Ippolito, Nando de Sanctis  Franz Grill

Nando de Sanctis, Ospedale Santobono, Napoli

Honour Speech
Ernesto Ippolito
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

Congress President Fritz Hefti

EPOS President Tomas Epeldegui
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

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

76
30th EPOS meeting, Basel 2011
Scientific program Clubfoot

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

Oliver Eberhardt
Ramanoudjame Mira

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.
30th EPOS meeting, Basel, 2011
Scientific program DDH

<table>
<thead>
<tr>
<th>Time</th>
<th>SESSION 3: Developmental Dysplasia of the Hip</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>14:00 Surgeons’ Consistency in Rating Criteria for the Diagnosis of Developmental Dysplasia of the Hip was Poor</td>
</tr>
<tr>
<td>21</td>
<td>14:07 Hip dysplasia in children: MRI analysis of the acetabulum cartilaginous coverage</td>
</tr>
<tr>
<td>22</td>
<td>14:14 Reduced femoral head cover as risk factor for osteoarthritis in 45 years follow-up of non-detected hip dislocation</td>
</tr>
<tr>
<td>23</td>
<td>14:21 Are Symptoms in Patients with Hip Dysplasia and Femoroacetabular Impingement associated with Findings in Magnetic Resonance Arthrography?</td>
</tr>
<tr>
<td>24</td>
<td>14:28 Adolescent Athletes can Return to Previous Level of Athletic Activity Following Surgical Dislocation of the Hip</td>
</tr>
<tr>
<td>25</td>
<td>14:35 Five Years follow-up after Albee procedure in an adolescent population</td>
</tr>
<tr>
<td>26</td>
<td>14:42 Treatment of dislocated hip joints before and after sonographic newborn hip screening using the GRAF method - A comparative cohort study</td>
</tr>
<tr>
<td>27</td>
<td>14:49 Reproducibility of different screening classifications in ultrasonography of the newborn’s hip</td>
</tr>
</tbody>
</table>

Authors:
- Dennis Wenger
- Jean-Luc Jouve
- Terje Terjesen
- Michael Millis
### Scientific programm DDH

**Chairmen:** Unni Narayanan (Canada), Christian Tschauner (Austria)

<table>
<thead>
<tr>
<th>Topic</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graf Type IIa Hips Needs More Consideration in Female Babies</td>
<td>Hakan Omeroglu, Remzi Caylak, Ulukan Inan, Nusret Kose</td>
</tr>
<tr>
<td>Long Term Follow Up of Open Reduction Surgery for Developmental Dislocation of the Hip</td>
<td>James Roach</td>
</tr>
<tr>
<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>
</tr>
<tr>
<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>
</tr>
<tr>
<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>
</tr>
</tbody>
</table>

Unni Narayanan

Christian Tschauner
30th EPOS meeting, Basel, 2011
Scientific program
pediatric foot, leg lengthening

<table>
<thead>
<tr>
<th>Time</th>
<th>SESSION 4: The Pediatric Foot - Miscellaneous - Leg Lengthening</th>
</tr>
</thead>
<tbody>
<tr>
<td>08h00</td>
<td>Classification and Treatment of Talocalcaneal Coalition</td>
</tr>
<tr>
<td>08h07</td>
<td>Arthroscopic excision of the calcaneus navicular coalition: anatomical study and preliminary results</td>
</tr>
<tr>
<td>08h14</td>
<td>The split tibialis posterior tendon transfer for the correction of spastic equinovarus hind foot deformity.</td>
</tr>
<tr>
<td>08h21</td>
<td>Medial column stabilization improves the result of calcaneal lengthening in cerebral palsy</td>
</tr>
<tr>
<td>08h28</td>
<td>Correlation between Oxford Foot Model kinematics and Oxford Ankle Foot Questionnaire</td>
</tr>
<tr>
<td>08h35</td>
<td>Percutaneous distal metatarsal osteotomy for correction of adolescent hallux valgus</td>
</tr>
<tr>
<td>08h42</td>
<td>Skew foot: clinical and radiological descriptions and critical analysis of treatment methods</td>
</tr>
<tr>
<td>08h49</td>
<td>Polydactyly of the Foot: is Timing of Surgery Critical for Mid-term Outcome?</td>
</tr>
</tbody>
</table>

Authors:
Scott J. Mubarak, George D. Gantous, Joanna Roocroft, Dennis R. Wenger
F. Accadbled, J. Knörr, J. Laborde, A. Abd, J. Sales de Gauzy
M. Vlahou, A. Verykakis, D. Dimitriadis
Ken N. Kuo, Ting-Ming Wang, Che-Nan Huang, Kuan-Wen Wu, Shier-Ching Huang
J. Bates, J. McCaffee, J. Stebbins, T. Theologis, C. Morris
Mark Eidelman, Alexander Katzman
Lorant Philippe, Serenghi Raphael, Giorion Christophe, Wicart Philippe
Kubat O, Smigovec I, Dapic T, Antićević D

Scott Mubarak
Bruce Foster
Franz Grill
Gamal Hosny
Ken Kuo
Tim Theologis
<table>
<thead>
<tr>
<th>Time</th>
<th>SESSION 5: DDH, SUFE, LCPD</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>46</td>
<td>10h20 Is Acetabular Growth in Severe DDH in Newborns Age-related?</td>
<td>M. De Pellegrin, C. Bonifacini, D. Mohammazadeh</td>
</tr>
<tr>
<td>47</td>
<td>10h27 Results of the Austrian Ultrasound Screening Program for developmental dysplasia of the hip Predicting Factors for the Development of Osteonecrosis after the Treatment of the Developmental Dislocated Hip</td>
<td>Thaliinger, Ganger, Radler, Grill, R. Pospischill</td>
</tr>
<tr>
<td>48</td>
<td>10h34 The tamponade effect of unstable slipped capital femoral epiphysis.</td>
<td>Renata Pospischill, Julia Weninger, Johannes Altenhuner, Franz Grill</td>
</tr>
<tr>
<td>49</td>
<td>10h41 Pincer Lesion in Post Slipped Cap femoral Epiphysis</td>
<td>Jose A. Herrera-Soto, Allison E. Crepeau, Mark Bimbbaum, Jay Albright, Kelly Vander Have</td>
</tr>
<tr>
<td>50</td>
<td>10h48 Early Experience with the Subcapital Re-Alignment Osteotomy via Surgical Hip Dislocation and Modified Fixation Technique for Severe SCFE: 24 Cases</td>
<td>Jeremy P. Bauer, Dennis R. Roy</td>
</tr>
<tr>
<td>51</td>
<td>10h55 Slipped Capital Femoral Epiphysis: Rising Rates with Obesity and Abnormality in South Australia</td>
<td>Oliver Birke, Paul Gibbons, David G Little</td>
</tr>
<tr>
<td>53</td>
<td>11h09 Legg-Calvé-Perthes disease and risks for injuries and fractures</td>
<td>R.J.A. Sonnegård, J.A. van der Stujs, A. Wainwright, A. Rorosch, F. Hefti</td>
</tr>
<tr>
<td>54</td>
<td>11h16 Combined Bernese Periacetabular Osteotomy (PAO) and Surgical Hip Joint Dislocation (SHD) for Correction of Symptomatic Perthes-like Complex Hip Joint Deformity</td>
<td>Yasar D. Hazal, Scott M Montgomery, Anders Ekbom, Shahram Bahmanyar</td>
</tr>
<tr>
<td>55</td>
<td>11h23 Increased Circulating Soluble Selectins, Reflecting Activated Platelets Associated with Activated Endothelium, in Legg-Calvé-Perthes Disease</td>
<td>Vural Ismayilov, Duygu Yagizan Aksoy, Nilgun Sayinli, Ibrahim Celiati, Hanzedarooglu, Murat Aposian, Mehmet Cemalettin Aksoy</td>
</tr>
<tr>
<td>56</td>
<td>11h30 Zaid Al Aubaidi, Shlomo Wientroub</td>
<td>Peter Cundy, Fritz Hefti, Renata Pospischill, Perry Schoenecker,</td>
</tr>
</tbody>
</table>
30th EPOS meeting, Basel 2011
Pro maximis meritis
Franz Grill, Vienna, Austria

Franz Grill receives PMM Award from president Tomas Epeldegui
Balthasar Streiff, alphorn-acrobat
### SESSION 6: Knee

<table>
<thead>
<tr>
<th>Time</th>
<th>Author(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>57</td>
<td>Comparing Blunt staples with 8-Plate in the treatment of Genu Varum and Genu Valgum: a retrospective Analysis</td>
</tr>
<tr>
<td>58</td>
<td>Congenital Dislocation of the Knee: A Protocol for Management Based on Degree of Knee Flexion</td>
</tr>
<tr>
<td>59</td>
<td>Bioabsorable lag screw fixation of knee osteochondritis dissecans in the skeletally immature.</td>
</tr>
<tr>
<td>60</td>
<td>A Novel Osteotomy for Acute Correction of Severe Adolescent Blounts’ Disease – Surgical technique and preliminary results</td>
</tr>
<tr>
<td>61</td>
<td>Habitual Patella Dislocation In Extension And Traumatic Patella Dislocation In Children And Adolescents ------ An Entity In Continuum?</td>
</tr>
<tr>
<td>62</td>
<td>Intercondylar Notch Dimensions and Growth Patterns in Young Pediatric Patients</td>
</tr>
</tbody>
</table>
30th EPOS meeting, Basel 2011
Presidential Guest Lecture
Alain Dimeglio, Montpellier, France

“For the children, with the children, by the children “
# 30th EPOS meeting, Basel 2011
## Scientific session
### Cerebral palsy

<table>
<thead>
<tr>
<th>Time</th>
<th>SESSION 8: Cerebral Palsy, Fractures</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>71</td>
<td>16h50</td>
<td>Outcome of single event multilevel surgery in 121 children with cerebral palsy using the Movement Analysis Profile and the Gait Profile Score</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Erich Rutz, Richard Baker, Oren Tirosh, Elyse Passmore, H Kerr Graham</td>
</tr>
<tr>
<td>100</td>
<td>16h57</td>
<td>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>
</tr>
<tr>
<td></td>
<td></td>
<td>Erich Rutz, Susan Donath, Richard Baker, Oren Tirosh, Elyse Passmore, H Kerr Graham</td>
</tr>
<tr>
<td>72</td>
<td>17h04</td>
<td>Upper Limb Injections of Botulinum Toxin Type A in Children with Cerebral Palsy: Evaluation of Treatment by Goal Attainment Scaling</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fagard K, Desloovere K, Molenaers G</td>
</tr>
<tr>
<td>73</td>
<td>17h11</td>
<td>Parental Issues of Concern before Single-Event Multilevel Surgery in Patients with Cerebral Palsy</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chin Youb Chung, Moon Seok Park, Kyoung Min Lee, Sang Hyeong Lee, In Ho Choi, Tae-Joon Cho, Won Joon Yoo</td>
</tr>
<tr>
<td>74</td>
<td>17h18</td>
<td>Validity of the Indices for hip flexor function in patients with cerebral palsy - clinical application of psoas length-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chin Youb Chung, Moon Seok Park, Kyoung Min Lee, Sang Hyeong Lee, In Ho Choi, Tae-Joon Cho, Won Joon Yoo</td>
</tr>
</tbody>
</table>
## 30th EPOS meeting, Basel 2011

### Scientific program

#### Spine

<table>
<thead>
<tr>
<th>Session 9: Spine</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chairman: Dietrich Schlenzka (Finland), Dror Ovadia (Israel)</td>
<td></td>
</tr>
<tr>
<td>Effect of Pedicle Screw Insertion on Pedicle and Canal Development in Young Children</td>
<td></td>
</tr>
<tr>
<td>Z. Deniz Olgun, Gokhan Demirkiran, Mehmet Ayaz, Emre Karadeniz, Muharem Yalcı</td>
<td></td>
</tr>
<tr>
<td>Intraoperative triggered EMG for detection of pedicle breaching in high thoracic pedicle screws: Is it valid?</td>
<td></td>
</tr>
<tr>
<td>How Much is Too Much? Higher Degrees of Curve Correction Correlate with Worsened Sagittal Balance</td>
<td></td>
</tr>
<tr>
<td>Surgical Site Infection Following Spinal Instrumentation for Scoliosis: Lessons Learned From An Analysis of 1352 Procedures at Three Centers</td>
<td></td>
</tr>
<tr>
<td>Incidence of Complete Spinal Instrumentation Removal Following Deformity Surgery: A 16 Year Retrospective Review</td>
<td></td>
</tr>
<tr>
<td>Surgical Treatment of Idiopathic Extension Contracture of the Ligamentum Nuchae</td>
<td></td>
</tr>
<tr>
<td>Long Term Follow-Up of Pulmonary Function and Scoliosis in Patients with Duchenne's Muscular Dystrophy and Spinal Muscular Atrophy</td>
<td></td>
</tr>
<tr>
<td>Operative Treatment of Isthmic Spondyloolisthesis in Children Up to the Age of 12 Years. A long-term, retrospective comparative study with matched cohorts</td>
<td></td>
</tr>
<tr>
<td>Are Patients Participating in Sports After Posterior Spine Fusion for Adolescent Idiopathic Scoliosis? Distal Level of Fusion Correlates With Postoperative Activity Level</td>
<td></td>
</tr>
<tr>
<td>Adolescent Idiopathic Scoliosis Treated with Rigo System Cheneau Trace - Factors Associated with Success</td>
<td></td>
</tr>
<tr>
<td>Factors Affecting Distal Junctional Kyphosis after Spinal Fusion for Adolescent Idiopathic Scoliosis</td>
<td></td>
</tr>
</tbody>
</table>

David Royle

Peter Cundy

George Thompson
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, 2012
Congress venue Grand Marina
31st EPOS meeting, Helsinki, 2012
Helsinki „Art nouveau“

Main railroad station

The three smiths

Garden restaurant

Shopping Center
31st EPOS meeting Helsinki 2012
EPOS BAT Advanced Course

PRE-MEETING COURSE

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 Rodrigo Krause, Germany
13h20-13h40
Tumour team: Staging and medical treatment & prognosis of children’s sarcomas Kim Vettervanda, Finland
13h40-13h55
Radiological diagnosis & jointed bones Seppo Kostiainen, Finland
13h55-14h10
Histological classification, diagnosis & postsurgery assessment Tomi Böning, 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
Soft tissue sarcomas in the extremities Franck Chotel, France

EPOS BAT ADVANCED COURSE

WEDNESDAY, 18th April, 09h00-12h10
Marina Congress Center, Helsinki

THE CAUSES OF ARTHROGRYPOSIS, AMC
09h05-09h25
Amyoplasia and Distal AMC Eva Kinnecl, Sweden
09h25-09h45
AMC and Neurovascular Disorders Jana Hoff, Norway
09h45-09h50
The Incidence of AMC in Europe Jana Hoff, Norway

THE MANAGEMENT OF AMC
09h50-10h10
The use of Orthoses and Gait Analysis in AMC Asa Bartzon, Sweden
10h10-10h40
Problems with the upper limb Ruth Lester; UK
10h40-11h00
Management of the hips Christopher Bradsh, UK
11h00-11h20
Management of the knees Eva Panten, Sweden
11h20-11h50
Management of the feet Bart Kawalczyk, Poland
11h50-12h10
The long term outcome for children with AMC Jean Dubouset, 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**

<table>
<thead>
<tr>
<th>#</th>
<th>Time</th>
<th>Metabolic Bone Disease</th>
<th>Authors</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>49</td>
<td>17h00</td>
<td>Orthopaedic Manifestations of the 22q11.2-Deletion Syndrome</td>
<td>Dino Colo, Moyo C Kruit, René C Castelijn</td>
<td>Netherlands</td>
</tr>
<tr>
<td>50</td>
<td>17h07</td>
<td>Thoraco-Lumbar Kyphosis in Type 1 Mucopolysaccharidosis Children</td>
<td>Kariman Abelin-Genevois, Christophe Garin, Federico Solia, Vincent Cunin, Nathalie Guillon, Rémi Kohler</td>
<td>France</td>
</tr>
<tr>
<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>João Lameiras Campagnolo, Miguel Pinheiro, Manuel Cassiano Neves, Delfin Tavares</td>
<td>Portugal</td>
</tr>
<tr>
<td>52</td>
<td>17h21</td>
<td>Lower Limb Alignment in Hypophosphataemic Rickets: Outcome of Combined Medical and Surgical Management</td>
<td>Deborah Eastwood, Mark D Scally, Detlef Bockenhauer, Willian Van’t Hoff</td>
<td>UK</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>#</th>
<th>Time</th>
<th>Knee / SCFE</th>
<th>Authors</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>53</td>
<td>17h40</td>
<td>Congenital Knee Dislocation: From Prenatal Diagnosis and Immediate Treatment to Extensive Surgery</td>
<td>Nikolay Rumyantsev, Igor Kruitov</td>
<td>Russia</td>
</tr>
<tr>
<td>54</td>
<td>17h47</td>
<td>Long Term Outcome of Surgical Patella Realignment with a Modified Grammott Technique</td>
<td>Tanja Kraus, Sunj Lidden, Martin Sveihik, Frank Schneider, Stefan Tauber, Wolfgang E. Linhart</td>
<td>Austria</td>
</tr>
<tr>
<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>Jaroslav Felus, Bartlomiej Kowalczyk</td>
<td>Poland</td>
</tr>
<tr>
<td>56</td>
<td>18h01</td>
<td>Long Term Hip Function after Surgery for Slipped Capital Femoral Epiphysis Surgery - A 15 Year Follow up Study</td>
<td>Jamie Sutherland Brown, Peter David Henry Wall, Damian Griffin</td>
<td>UK</td>
</tr>
<tr>
<td>57</td>
<td>18h08</td>
<td>Persistent Growth after Prophylactic Single Screw Epiphysiodesis in Upper Femoral Epiphysis</td>
<td>Stefan Dierauer, Leonard Ramseier, Hanspeter Huber, Lazaras Vlachopoulos</td>
<td>Switzerland</td>
</tr>
</tbody>
</table>
31st EPOS meeting Helsinki, 2012
Pro Maximis Meritis
Reinhard Graf, Stolzalpe, Austria

Reinhard Graf

Franz Grill, Reinhard Graf, Rüdiger Krauspe
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
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

The Changing Epidemiology of Perthes Disease in Liverpool: An Analysis of 34 Years of Geographic and Temporal Trends.
Daniel Perry, Colin E Bruce, Daniel Pope, Peter Dangerfield, UK
Mary Jane Platt, Andrew J Hall
32nd EPOS meeting Athens, Greece
April 17th – 20th 2013

Congress President
Ioannis (John) Dimitriou

EPOS President
Muharrem Yazici
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
32nd EPOS meeting, Athens, 2013
Official Opening April 4th 2013

Welcome Addresses
- Dimitrios Pasparakis,
  President of Paediatric Orthopaedic Surgery of the Hellenic Association of Orthopaedic Surgery and Traumatology (HAOST)
  President of the College of the Greeks Orthopaedic Surgeons (KEOX)
- John Kyriou,
- Constantinos Malizos,
  President of the Hellenic Association of Orthopaedic Surgery and Traumatology (HAOST) and President of the Hellenic Orthopaedic Society (EOSEP)
- Manuel Cassiano Neves,
  Vice-President of the European Federation of National Associations of Orthopaedics and Traumatology (EFEORT)
- Carlo Milani,
  President of the Italian Orthopaedic Society (ICO)
- Conantinos Malizos

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

Shlomo and Galia Porat, Glyn and Michael Benson

William Cole, Mahzad Javid, Laure Cole, Hossein Shahcheraghi

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

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

Tali Becker, Unni Narayanan, Cristina Alves

Keyvan Mazda, Ana Presedo, Philippe Souchet, Freeman Miller

Frank Schiedel, Matthias Rogalski, Bettina Westhoff

Stephanie Böhm, Eva Bengtsson Moström, Gunnar Hägglund
32nd EPOS meeting, Athens, 2013
Welcome reception

Carol Hasler, Muharrem Yazici, Reinald Brunner

Dale Blasier, George and Janice Thompson

Walter Strobl, Siegfried Stotz

Chakra Dussa, Rachel Buckingham
32nd EPOS meeting Athens, 2013
Scientific session Basic science
32nd EPOS meeting, Athens, 2013
Scientific session DDH

Deborah Eastwood
John Dimitriou
Andreas Roposch
Cristina Alves
Pascuale Farsetti

Maurizio de Pellegrin
Peter Cundy
Ismat Ghanem
Francisco Fernandez
Tohru Futami
Terje Terjesen
32nd EPOS meeting, Athens, 2013
Scientific session Tumors / Metabolic

Moderators:
Rüdiger Krauspe, Germany
Dimitrios Pasparakis, Greece

Rüdiger Krauspe
Dimitrios Pasparakis

Cosimo Gigante
Pierre Journeau
Dror Paley

Bülent Erol
Shlomo Wientroub
32nd 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

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

Session I
"A decade after rediscovering of Ponseti: Where are we?"
Chairmen:
Shlomo Wientroub, Israel
John E. Herzenberg, USA
Speakers:
Shlomo Wientroub, Israel
"Typical clubfoot"
Jose Morcuende, USA
"My approach to early recurrence"
Oliver Eberhardt, Germany
"Evaluation of results and follow-up"
Stephanie Böhm, Switzerland
"Bracing protocol - new studies - new braces"
Jose Morcuende, USA
"My approach to later recurrence"
John E. Herzenberg
"Operated feet and older patients-limits of the Ponseti method"
Christophe R
"Evidence in the Ponseti method"
Naomi Davis, UK
Discussion:

Session II
"Dilemmas/controversies in clubfoot treatment"
Chairmen:
Christophe Ra, ote, USA
Austria, Jose Morcuendo
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”

Moderator: Rüdiger Krauspe, Germany
Speakers:
Pierre Lascombes, Switzerland
Manoj Ramachandran, UK
Walter Strobl, Austria/Germany

“Deformity assessment, CORA and principles of correction in the lower limb”
“Rotational osteotomies of the femur and tibia and the miserable malalignment syndrome”
“Deformities of the femur and tibia in CP children; assessment, functional relevance and corrective procedures”
32nd EPOS meeting, Athens, 2013
Specialized Symposium Spine deformities

Jean-Luc Jouvé     Antonio Andreacchio  Jean Dubousset
William Mackenzie   Brice Illhareborde    Dietrich Schlenzka
Gérard Bollini
32nd EPOS meeting, Athens 2013
Scientific session  Controversies in adolescent hip surgery

Andreas Roposch         Thomas Wirth              Klaus Siebenrock
John O’Hara            Gunnar Hägglund                Ernest Sink
32nd EPOS meeting, Athens, 2013
Scientific session Legg-Calvé-Perthes

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

"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, Daphne Sammartin, Christiane Baunin, Nicolas Sion
Jérôme Sales De Gauzy
Hôpital des Enfants, Toulouse, France

"Does femoral varus osteotomy improve spheicity 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
"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

Moderators:
Gaetano Pagnotta, Italy Marek Synder, Poland

32nd EPOS meeting, Athens 2013
Scientific session Clubfoot

Gaetano Pagnotta
Marek Synder
Emily Dodwell

Pasquale Farsetti
Yoram Hemo
Eitan Segev
32nd EPOS meeting, Athens, 2013
Scientific session Clubfoot

“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

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

“Ponseti Protocol for idiopathic club feet: Predictors for success or failure”
Lior Shabtai, Yoram Hemo, Estan 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 Naddoura
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?”
Bartolomiej 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
32nd EPOS meeting Athens, 2013
Scientific session Limb reconstruction

SESSON VIII
"Upper extremity/Limb reconstruction I"

Moderators:
Jiri Chomiak, Czech Republic
Svetlana Trofimova
Giovanni di Gennaro
Dimitri Popkov

"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 Baindurashvili, 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
32nd EPOS meeting Athens, 2013
Scientific session Limb reconstruction

“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

Frank Schiedel  Carlo Camathias

Micha Langendörfer  Gamal Ahmed Hosny
32nd EPOS meeting Athens, 2013
Scientific session Spine I

“Spine I”
Moderators:
Renaud Rossilon, Belgium

Convex instrumented hemiepiphyseodesis with concave distraction: A new treatment modality for long sweeping congenital curves
Gokhan Demirkiran, Ozgur Dede, Mehmet Ayvaz, Ahmet Alanay, Muharrem Yazici
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, Palsidoro, 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 Illarbourde, 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, Jerome Briot, Franck Accadbled, Jerome Sales De Gauzy
Hôpital Femme Mère Enfant, Bron, France

“Growth sparing spinal instrumentation in skeletal dysplasia”
Ali Karatas Fuat, Ozgur Dede, Kenneth Rogers, Michael Bober, Sukin Shah, William Mackenzie
 Nemours/Alfred I. duPont Hospital for Children, Wilmington, USA

Renaud Rossilon
Leonardo Oggiano
Christophe Vidal
Kariman Abelin Genevois
Ali Karatas Fuat
32 nd EPOS meeting Athens, 2013
Scientific session Spine II

Moderators:
Muharrem Yazici, Turkey  Carol Hasler, Switzerland

"The recognition, incidence and management of spinal cord monitoring alerts in early onset scoliosis surgery"
Jonathan H. Phillips, Denise Lopez, Dennis Knapp, Jose Herrera-Soto
Orlando Health, Orlando, USA

"Effects of growing instrumentation on endothoraic deformity in early-onset scoliosis utilizing the spinal penetration index"
Charles E. Johnston, Ryan Muchow, Anna McChung
Texas Scottish Rite Hospital for Children, Dallas, USA

"Repeat expansions of growth retaining implants for early onset spin deformities lead to increasing bacterial colonization"
Carol Hasler, Andrej Trampuz, Daniel Studer, Christian Plaass
University Children’s Hospital, Basel, Switzerland

Discussion:
"Cervical lordosis in fetal spine: fake or reality?"
Elie Choufani, Jean Luc Jouve, Vincent Pomero, Gerard Bollini,
Kathia Chaumoitre, Michel Panael
Timone Children Hospital of Marseille, Marseille, France

"Rigid internal fixation for occipito-cervical arthrodesis in young children: a retrospective study in 14 patients"
Thierry Odent, Rony Boughon, Jean-Paul Padovani, Michel Zerah,
Christophe Glorion
Universite Paris Descartes - Sorbonne Paris Cite - Service d’Orthopedie Pediafr - Hôpital Necker - Enfants Malades, Paris, France

"Assessment of curve flexibility in adolescent idiopathic scoliosis using EOS stereoradiography"
Caroline Hirsch, Brice Ilharreborde, Alain Tanguy, Keyvan Mazda
Pediatric Orthopedic Department, Robert Debre Hospital, APHP,
Université Paris Diderot, Paris, France

"Outcomes of bracing in juvenile idiopathic scoliosis until skeletal maturity or surgery"
Amir Khoshbin, Liota Caspi, Sandra Donaldson, Derek Stephens,
Trevor Da Silva, Catherine Bradley, James Wright
SickKids Hospital, Toronto, Canada
32nd EPOS meeting, Athens, 2013
Scientific programme Neuromuscular/CP

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, Lillian 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 Kadhhim, 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

Jaroslaw Czubak
Deborah Eastwood
Hakan Basar
Enda Gerard Kelly
Freeman Miller
Line Pedersen Kjeldgaard
Ana Presedo
32nd EPOS meeting, Athens, 2013
Scientific session Trauma / Sport injuries

Pierre Lascombes
Manuel Cassiano Neves
Omer Or

Kevin Lim Boon Leong
Giovanni di Gennaro
Carlo Camathias
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

Dietrich Schlenzka, Reinald Brunner

Franz Grill, Rudolf Ganger

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 Goerttler Krauspe
32nd EPOS meeting, Athens, 2013
Gala Dinner at Zapeion
(Constructed for 1st New Olympic Games 1896)

singers / entertainers

Nanni Allington, Judith and Richard Bowen

André Kaelin, Ken Kuo, Freeman Miller

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

Muhammad Yazici John Dimiriou

Belgian-German-French-Danish-Polish Round Dance

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

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
- Annelie Weinberg
- Ivan Hvid passing the Olympic Stadium
- André Kaelin crosses finish line
- 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**

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>President</td>
<td>Deborah Eastwood</td>
<td>UNITED KINGDOM</td>
</tr>
<tr>
<td>1st Vice-President</td>
<td>Pierre Lascombes</td>
<td>SWITZERLAND</td>
</tr>
<tr>
<td>2nd Vice-President</td>
<td>Bjarne Møller-Madsen</td>
<td>DENMARK</td>
</tr>
<tr>
<td>Past President</td>
<td>Muhammed Yuçi</td>
<td>TURKEY</td>
</tr>
<tr>
<td>General Secretary</td>
<td>Ralph Sakkers</td>
<td>THE NETHERLANDS</td>
</tr>
<tr>
<td>Treasurer</td>
<td>Thomas Wirth</td>
<td>GERMANY</td>
</tr>
<tr>
<td>Councilors</td>
<td>Carol-Claudius Hasler</td>
<td>SWITZERLAND</td>
</tr>
<tr>
<td></td>
<td>Ivan Hvid</td>
<td>DENMARK</td>
</tr>
<tr>
<td></td>
<td>Dror Ovadia</td>
<td>ISRAEL</td>
</tr>
<tr>
<td></td>
<td>Andreas Roposch</td>
<td>UNITED KINGDOM</td>
</tr>
<tr>
<td></td>
<td>Marek Sindler</td>
<td>POLAND</td>
</tr>
<tr>
<td>Education Committee</td>
<td>Hakan Omeroglu</td>
<td>TURKEY</td>
</tr>
<tr>
<td>Nomination Committee</td>
<td>Tomas Epeldegui</td>
<td>SPAIN</td>
</tr>
<tr>
<td>Reading Committee</td>
<td>Darko Anticavic</td>
<td>CROATIA</td>
</tr>
<tr>
<td>Scientific Committee</td>
<td>Andreas Roposch</td>
<td>UNITED KINGDOM</td>
</tr>
<tr>
<td>Historian</td>
<td>Alain Dimélcio</td>
<td>FRANCE</td>
</tr>
<tr>
<td>EPOS News</td>
<td>Ivan Hvid</td>
<td>DENMARK</td>
</tr>
<tr>
<td>JCD</td>
<td>Fritz Herzl</td>
<td>SWITZERLAND</td>
</tr>
<tr>
<td>EFORT Representative</td>
<td>Rüdiger Krause</td>
<td>GERMANY</td>
</tr>
<tr>
<td>UEMS Representative</td>
<td>Rüdiger Krause</td>
<td>GERMANY</td>
</tr>
<tr>
<td>EPOS Representative</td>
<td>Nando de Sanctis</td>
<td>ITALY</td>
</tr>
</tbody>
</table>

### 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

---

EPOS Local Organising Committee

Naomi Allington
Frank Plasschaert
Renaud Rosillon
33rd 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?
Karen Rosendahl, Bergen, Norway

08:45 - 08:55  Does EOS meet our expectations in daily clinical practice?
An orthopaedic point of view
Keyvan Moud, 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 Pospischil, Vienna, Austria

09:20 - 09:50  DXA, bone SPECT/CT & PET/CT of the paediatric musculoskeletal system
Tan Vin de 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 Aydinoguz, Ankara, Turkey

10:20 - 10:35  Biochemical sensitive MRI of cartilage
Rüdiger Krauspe (Christoph Zillikens, Bernd Bittersohl, Düsseldorf, 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 Aydinoguz, Ankara, Turkey

11:55 - 12:05  How to use the C-arm or O-arm imaging systems in the operating theatre?
Pierre Jouvenau (Laurence Manard-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 Aydinoguz, Ankara, Turkey

12:35 - 12:55  Discussion

12:55 - 13:00  Closing remarks
Hakan Dineroglu, Eskisehir, Turkey
33rd EPOS meeting Bruges, 2014
Pre-meeting Course April 2nd

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

14:00 - 14:25
Basic genetics for dummies and ‘germline’ mutations: Understanding constitutional (skeletal) diseases
Franciska Malfait, Ghent, Belgium

14:25 - 14:50
New genomic approaches to diagnosis of genetic diseases – a mutation for the geneticists
Alain Verloes, Paris, France

14:50 - 15:15
Genetics and “acquired alterations”: towards a growing role in the clinical management of bone tumors
Hélène Antoine Poirel, Brussels, Belgium

15:45 - 16:10
Zebrafish technique to predict the phenotype of a genetically defined bone disease (as in osteogenesis)
Paul Coucke/Franciska Malfait, Ghent, Belgium

16:10 - 16:35
Genome-Wide Association Studies: Can they benefit the paediatric orthopaedic community?
Andreas Roposch, London, UK

16:35 - 17:00
How genes can help us understand skeletal dysplasias?
Valérie Cormier-Daire, Paris, France

17:00 - 17:25
Genetics and the treatment of musculoskeletal cancer
Ben Alman, Charlotte, USA

17:25 - 17:50
Cell biology and therapeutic interventions in bone disease: animal model to clinical trial
David Little, Sydney, Australia

17:50 - 18:00
Closing remarks
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
Nick Clarke, Muharrem Yazici, Peter Newton
Nanni Allington Renaud Rossillon
33rd EPOS meeting Bruges, 2014
Welcome reception at the Belfry April 2nd

Magicien and music man Reinier Sijpkens
Deborah Eastwood
Frank Plasschaert
Frank Plasschaert
Irene and Ismat Ghanem
Gerard Bollini
33rd EPOS meeting Bruges, 2014
Welcome reception at the Belfry April 2nd

Ivan Hvid, Edel and Klaus Parsch
Michael Benson, Mario Lampropulos
Andrzej Sionek, Marek Synder
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
Sacrocondylar fractures with isolated anterior interosseous nerve injuries: are they urgent cases?
Kody K. Barrett1, David L Skaggs2, Jeffrey R. Sawyer1, Lindsay Andras1, Alice Moisan1, Christine Goodbody2, Jack Flynn3
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 Farhang4, Ronak Joshi5, John H Wilber1, Daniel R Cooperman6, Raymond W Liu7
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 Kemen
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
Maros Svehlik, Gerhard Steinwender, Ulrike Floh, Elisabeth Wolf, Tanja Kraus
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, Sebastien Pesenti, Benjamin Blondel, Elie Choutani, Gerard Bullini, 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-Ryung 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 hemi-epiphysiodesis with the Eight plate?
Salih Marangoz1, Kadri Bayukdogan1, Sevilay Karahan1
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 Ahmmed Hosny
Saita Faculty of medicine, Cairo, Egypt

OP57 / 12:00 - 12:10
New 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 Subtalar osteotomy: Is there any difference?
Ofer Zaka, Alexander Katzman, Mark Eidelman
Rambam Hospital, Haifa, Israel

OP59 / 12:20 - 12:30
Tibial hemimelia rarely needs amputation
Mehmet Javid, Ghofran Hossain Shahcheraghi
Nemouee 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 pediatric 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 Jercone, Fleur Joor, Christian Sleeveboom, Melinda Witbreuk
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 Stillwell, Harvey T George, Colin Bruce, P Sathyamoorthy
Royal Liverpool Childrens Hospital (Alder Hey), 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 Canavese¹, Ahmad Khan¹, Antolins Samba², Bruno Pereira²
1. Department of Pediatric Surgery, CHU Estaing, 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 Schootes¹, John Ham¹, Konrad Mader²
1. Onze Lieve Vrouwe Gasthuis, Amsterdam, The Netherlands
2. Sentralysykehuset, FaRde, Norway
33rd 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
“Paediatric Orthopaedics: A bridge between countries, cultures and continents“
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 outreached 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
33 rd 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
33rd EPOS meeting Bruges, 2014
Pro maximis meritis
Shlomo Wientroub Tel Aviv, Israel
33 rd EPOS meeting Bruges, 2014
Pro maximis merit
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.
33rd EPOS meeting Bruges, 2014
POSNA Fellows visiting Europe 2014

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!
33rd EPOS meeting Bruges
Predrag Klisic Best Basic Science Paper 2014

Darko Anticevic  Hanspeter Huber  Deborah Eastwood
33 rd EPOS meeting Bruges, 2014
John Sharrard Best Clinical Science Paper 2014

Elizabeth Ashby          Deborah Eastwood

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
33rd 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
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 complements 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
34th 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

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30 - 09:00</td>
<td>What do we expect from you, point of view a charitable organization?</td>
</tr>
<tr>
<td>09:00 - 09:20</td>
<td>Medecins du Monde</td>
</tr>
<tr>
<td>09:20 - 09:30</td>
<td>POSNA, CCR and Beyond</td>
</tr>
<tr>
<td>09:30 - 09:40</td>
<td>Devastating effects of a long term humanitarian action</td>
</tr>
<tr>
<td>09:40 - 09:50</td>
<td>The challenges of teaching pediatric orthopedics in developing countries</td>
</tr>
<tr>
<td>09:50 - 10:00</td>
<td>Pediatric Orthopedic Needs and Responses in Disasters</td>
</tr>
<tr>
<td>10:00 - 10:10</td>
<td>Discussion</td>
</tr>
<tr>
<td>10:40 - 10:50</td>
<td>Bone and joint infections</td>
</tr>
<tr>
<td>10:50 - 11:00</td>
<td>Pott’s disease</td>
</tr>
<tr>
<td>11:00 - 11:10</td>
<td>Poliomyelitis</td>
</tr>
<tr>
<td>11:10 - 12:00</td>
<td>Pediatric Orthopedic Trauma: overview and challenges</td>
</tr>
<tr>
<td>11:20 - 11:30</td>
<td>Discussion</td>
</tr>
<tr>
<td>11:30 - 11:40</td>
<td>Humanitarian Effort in Paediatric Orthopaedics</td>
</tr>
<tr>
<td>11:40 - 11:50</td>
<td>DDH: Surgical treatment after walking age</td>
</tr>
<tr>
<td>11:50 - 12:00</td>
<td>Myanmar experience scoliosis</td>
</tr>
<tr>
<td>12:00 - 12:10</td>
<td>What do we expect from you as recipient?</td>
</tr>
<tr>
<td>12:10 - 12:20</td>
<td>Discussion</td>
</tr>
<tr>
<td>12:20 - 12:30</td>
<td>Wrap-up, conclusion</td>
</tr>
</tbody>
</table>
Premeeting EPOS advanced course

15:35 – 15:55  | 3rd Bone lengthening: specific indications
15:15 – 15:25  | Bridging joints, soft tissue releases, physiotherapy
              | Frank 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

Discussion

16:25 – 16:35  | Lengthening of the humerus: management of proximal humeral fracture
              | Cemal Histry, Cairo, Egypt
16:35 – 16:45  | Forearm lengthening: management of elbow and wrist
              | Franck Launay, Marseille, France
16:45 – 16:55  | Achievement limits of skeletal lengthening procedures
              | Robert Roedl, Marburg, Germany
16:55 – 17:05  | Cosmetic lengthening: what are the indications?
              | Dror Poley, West Palm Beach, Florida, United States
17:05 – 17:05  | Cosmetic lengthening: what are the limits?
              | Francisco Guerreiro, Grosetto, Italy
17:25 – 17:25  | Discussion
17:25 – 17:35  | Pin site infection to osteomyelitis: from prevention to treatment
              | Dimitri Cerosa, Geneva, Switzerland
Welcome reception April 15th

Late afternoon view from Palais du Pharo guests flocking 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
34 th EPOS meeting Marseille, 2015
Welcome ceremony
Gregory Mencio POSNA President
34th EPOS meeting Marseille, 2015
Welcome reception

Bob Campbell, Claudia and Juan Carlos Couto, Michael Bell, Cosimo Gigante, Gaetano Pagnotta, Jane Bell, Bobby Clarke

EPOS-POSNA Travelling fellows 2013
Andrea Borgo, Julio Duart Clemente, Camille Thevenin-Lemoine

Peter Newton, Ernest Sink, Peter Waters
34th 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
34 th EPOS meeting Marseille, 2015
Presidential Dinner at the PERON April 16th
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

Ignacio Sampera, Thomas Wirth, Ralph Sakkers

Gregory Mencio, Deborah Eastwood, Lori Karol

Alain Dimeglio Jean Dubousset, Pierre Lascombes
### Scientific session: Foot & Ankle + Cerebral palsy

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

<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>OP7/09:02-09:10</td>
<td>Treatment of Calcaneal Apophysitis: a Pragmatic Therapeutic Randomized Clinical Trial</td>
<td>Johannes Wagener, Peter AA Struijs</td>
</tr>
<tr>
<td></td>
<td>Candidate for Clinical paper award</td>
<td>1. Academic Medical Center, Amsterdam, Netherlands</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2. AMC Amsterdam, Amsterdam, Netherlands</td>
</tr>
<tr>
<td>OP8/09:08-09:14</td>
<td>Arthroscopic Talocalcaneal Coalition Resection in Children</td>
<td>Jorge Xorn, Francisco Soldador, Paula Díaz Gallardo, Jerome Salas de Gauzy</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1. Hospital Sant Joan de Déu, Barcelona, Spain</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2. Hospital des Enfants Toulouse, Toulouse, France</td>
</tr>
<tr>
<td>OP9/09:14-09:20</td>
<td>Rejection of Navicular Bone as an Option in the Operative Treatment of Severe and Contracted Neuromuscular Feet</td>
<td>Chokkavathy U Dussa, Leonhard Doorderen</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1. Orthopaedische Kieferklinik, Aschau, Germany</td>
</tr>
<tr>
<td>OP10/09:20-09:26</td>
<td>Foot and Ankle Function at Maturity after Ilizarov Treatment for Atrophic-type Congenital Pseudarthrosis of the Tibia (CPT): A Comprehensive Outcome Comparison with the Norms</td>
<td>Sang Gyo Seo, Min Ho Choi, Yeon Soo Kim, Dong Yeon Lee, Won Joon Yoo, Tae-joon Cho</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1. SNUCH, Seoul, Korea</td>
</tr>
</tbody>
</table>

**OP17/10:56-11:02**
Histopathology of human Slipped Capital Femoral Epiphysis
Melinda Wittevrongel
1. VUMC, Amsterdam, Netherlands

**OP18/11:02-11:08**
Pelvic incidence and Acetabular Version in Slipped Capital Femoral Epiphysis
Jeremy Gehrhart, Michael Bohr, 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 “skiny” SCFE
Rachel Goldstein, Erin Dawick, Alexander Broome, Kody Barnett, 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
34th EPOS meeting Marseille 2015
Scientific session Friday April 17th
DDH; Spine
### Scientific session: Upper extremity, infections LCP tumours

#### Scientific session: Upper extremity + Musculoskeletal infections

**Moderators:**
- Mark Snyder, Lodz, Poland
- Enrico Tropiano, Roma, Italy

**OP92 / 09:00 - 09:06**
**Pharmacologic Simple Resection Of Ulnar Tumor For Deformities Of The Forearm In Multiple Osteoarthropathies.**
Mitsuo Morita, Makoto Kamegaya, Takashi Sasa, Yuko Segawa, Jun Kazukizaka, Kenkichi Tamaka
1. Chiba Pediatric Orthop Group, Chiba, Japan

**OP93 / 09:06 - 09:12**
**Evaluation Of The Results Ulnar Lengthening For Correction Of Forearm Deformity In Multiple Hereditary Exostoses.**
Preliminary Results:
- Amin Abdelsrazq Ahmed
  1. Alexandria University, Alexandria, Egypt

**OP94 / 09:12 - 09:18**
**Radiographic Criteria For Undergoing An Ulcer Shortening Osteotomies In Multiple Hyperostosis.**
A Long Term Experience From A Single Institution:
- Sebastian Farr
  1. Orthopedic Hospital Speising, Vienna, Austria
- 2. Children’s Hospital Boston, Boston, United States

**09:18 - 09:28 AUDITORIUM**

#### Discussion

**OP95 / 09:28 - 09:34**
**Medical Stump Osteotomy In Congenital High Scapula.**
- Takko Abdelrahim
  1. Ain Shams University, Cairo, Egypt

**OP96 / 09:34 - 09:40**
**The Choice Of Donor Site For Reconstruction Of Elbow Flexion In Patients With Amyotrophic Lateral Sclerosis (ALS).**
Oleg Agranovich
1. Alheyd Bostodurovich
2. The Turner Scientific and Research Institute for Children’s, SL Petersburg, Russian Federation

**OP97 / 09:40 - 09:46**
**The Role For Conservative Treatment In Pediatric Trigger Thumb: A Systematic Review.**
- Sebastian Farr, Rudolf Ganger, Werner Gigh
  1. Orthopedic Hospital Speising, Vienna, Austria

### Scientific session: LCP; Tumours + Innovative

**Moderators:**
- Nisan Onemiroglu, Eskisehir, Turkey
- Jean-Luc Jouve, Marseille, France

**OP90 / 10:40 - 10:46**
**Assessment Of Femoral Head Avascular Necrosis In Legg-Calve-Perthes Disease (LCPD) Using Serial Perfusion MRI.**
Harry Kim, Jamie Burgess, Paul Gudmundsson, Alec Thorsen, Molly Dempsey, Chantal Jo
1. Texas Scottish Rite Hospital, Dallas, United States

**OP91 / 10:46 - 10:52**
**Outcomes After Combined Pelvis And Femoral Osteotomy In Patients With Legg-Calve-Perthes Disease.**
Martin Ruppertc
1. Sonja Brenner, Nadine Moser, Kaitlin Reichsburd-Ruff, Rod Sticher
1. Altona Children’s Hospital, Hamburg, Germany

**OP92 / 10:52 - 10:58**
**Quality Of Life Altered In LCPD Patients After Inferior Surgery?**
Betina Wesdoff
1. Nina Kristin Palm, Dietmar Rosenthal, Christoph Zilkens, Rudi Gruenig
2. Dept. of Orthopedics, Mueckendorf, Germany

**OP93 / 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 Chondrocytes.**
Noboru Kaminou, Ryosuke Yamaguchi, Nago Sumei, Akihiko Sato, Chiyo Koyama, Hideki Kajiwara
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 - 11:14 AUDITORIUM**

#### Discussion

**OP94 / 11:12 - 11:18**
**Long Term Outcome Following Lower Limb Salvage With Massive Bone Allograft and Intramedullary Fixation (Inderal Technique) In Ped游击队 and Adolescent Patients.**
Anthony Stans, Matthew Houdek, Eric Wagner, Franklin Santor, Steven Muniz
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

Palais du Pharo
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
34th 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
34th EPOS meeting Marseille, 2015
Presidential Guest Lecture 2015
Franz Grill Vienna, Austria

„Bone Lengthening and Deformity Correction – From Europe with Love“
34 th EPOS meeting Marseille
John Sharrard Best Clinical Paper Award 2015

Jean Luc Jouve Sébastian Pesenti,

Evolution Of Adolescent Idiopathic Scoliosis: Results Of A 20-Year Follow-Up Study
Sébastien Pesenti, Benjamin Blondel, Emilie Peltier, Christian Morin, Jérôme Sales de Gauzy, Stéphane Wolff, Antoine Chalopin, Jean-Luc Jouve
34th EPOS meeting Marseille, 2015
Klisic Best Basic Science Paper Prize

David Little
Tegan Cheng, co-author holding Klisic Award
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 Øye, Ketil Jarl Holen, Olav Andreas Foss
1. University Hosp. of Trondheim, Trondheim, Norway
34th EPOS meeting Marseille, 2015

Presidency Transfer
Pierre Lascombes to Bjarne Moeller-Madsen

Bjarne Moeller-Madsen    Pierre Lascombes
35th EPOS meeting Rome, Italy
April 6th – 9th 2016

Congress chairman
Ernesto Ippolito

Congress chairman
Gaetano Pagnotta

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

Vatican

Fontana di Trevi

Forum Romanum
35th EPOS meeting Rome, 2016
EPOS Executive Board 2016

Officer
Bjarne Møller-Madsen, Denmark
President (2015-2016)
Manuel Cassiano Neves, Portugal
Vice-President
Darko Anticevic, Croatia
2nd Vice President
Ralph Sakkers, The Netherlands
General Secretary (2012-2017)
Thomas Wirth, Germany
Treasurer (2012-2016)
Rudolf Ganger, Austria
Treasurer-elect (2016)

Scientific Committee
Cristina Alves, Portugal
Chair (2015-2018)

Educational Committee
Hakan Ömeroglu, Turkey
Chair (2014-2017)

Nomination Committee
Muharrem Yazıcı, Turkey
Chair (2015-2016)

Reading Committee
Darko Anticevic, Croatia
Chair (2013-2017)

Website Committee
Federico Canavese, France
Chair (2015-2017)

EPOS Task Force
Nicholas Clarke, United Kingdom
Chair

Historian
Klaus Parsch, Germany

EPOS News
Stephanie Böhmer, Sweden

JCO
Fritz Hefti, Switzerland
Editor
Shlomo Wientroub, Israel
Editor
Deborah Eastwood, United Kingdom
EPOS representative at JCO

EPOS Foundation Committee
Pierre Lascombes, Switzerland
Chair

EPOS Local Organising Committee
Gaetano Pagnotta
Ernesto Ippolito
35th EPOS meeting Rome, 2016
Opening ceremony

president Bjarne Moeller-Madsen
35 th 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, Etiopathogenesis
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. Häggland

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

Ernesto Ippolito
Melinda Witbreuk
Oliver Birke
Ilaria Tresoldi
Michael Millis
Rüdiger Krauspe
35 th EPOS meeting Rome 2017
Audience with Pope Francis April 6th 2016

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

Pope Francis

Holy Father accepting present from Gaetano Pagnotta
In prima linea: Mr & Mrs. Pagnotta, Epeldegui and Parsch
35th EPOS meeting Rome
Private Visit to Sistine Chapel April 8th 2016
35th EPOS meeting Rome 2016
Gala Dinner in Terraza degli Aranci

Julio de Pablos, Ernesto Ippolito, Anna Maria Ippolito, Manuel Cassiano Neves, Jelena Vrohvac, Jim McCarthy, Christy McCarthy
35th EPOS meeting Rome, 2016

Pro maximis meritis

Terje Terjesen, Oslo, Norway

Terje Terjesen

Ivan Hvid

Honour speech

Terje Terjesen, Bjarne Moeller-Madsen
35th 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 Pollet, Ralph Sakkas, Erik Beek, Cuno Uiterwaal, Michiel van de Sande, Melinda Witteveen, Adriaan Mostert, Arnold Besselaar, René Castelein
Sophia's Children's Hospital, Department of Orthopaedic Surgery, Erasmus Medical Center, Rotterdam, Netherlands
Wilhelmina Children’s Hospital, Utrecht, Netherlands
University Medical Center, Utrecht, Netherlands
VU Medical Center, Amsterdam, Netherlands
Isala Hospital, Zwolle, Netherlands
Catharina 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 Carbajo3, Pere Soler Palacín3,
Aurora Fernández Polo1, María Jesús Melià Grimal4, Ramon Martí Seves5,
Juan José González López2, Marla Nieves Larrosa Escartin6
1Hospital Universitary Vall d’Hebron, Barcelona, Spain
2Hospital Vall d’Hebron, Barcelona, Spain
3Vall 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
35th EPOS meeting Rome, 2016
Closing remarks

President Bjarne Moeller-Madsen thanking Ernesto Ippolito and Gaetano Pagnotta
EPOS President 2017  Manuel Cassiano Neves and POSNA President 2017 Jim McCarthy
EPOS meetings 1982 - 2017
## EPOS General Secretary

<table>
<thead>
<tr>
<th>Years</th>
<th>Name</th>
<th>Nationality</th>
</tr>
</thead>
<tbody>
<tr>
<td>1982-1987</td>
<td>Henri Bensahel</td>
<td>France</td>
</tr>
<tr>
<td>1987-1993</td>
<td>Alain Dimeglio</td>
<td>France</td>
</tr>
<tr>
<td>1993-1995</td>
<td>Jan van der Eijken</td>
<td>The Netherlands</td>
</tr>
<tr>
<td>1995-1999</td>
<td>Viktor Bialik</td>
<td>Israel</td>
</tr>
<tr>
<td>1999-2002</td>
<td>Guy Fabry</td>
<td>Belgium</td>
</tr>
<tr>
<td>2002-2006</td>
<td>Tomas Epeldegui</td>
<td>Spain</td>
</tr>
<tr>
<td>2006-2011</td>
<td>Pierre Lascombes</td>
<td>France</td>
</tr>
<tr>
<td>2012-2017</td>
<td>Ralph Sakkers</td>
<td>The Netherlands</td>
</tr>
</tbody>
</table>

## EPOS Treasurer

<table>
<thead>
<tr>
<th>Years</th>
<th>Name</th>
<th>Nationality</th>
</tr>
</thead>
<tbody>
<tr>
<td>1982-1987</td>
<td>Dietrich Tönnis</td>
<td>Germany</td>
</tr>
<tr>
<td>1987-1998</td>
<td>André Kaelin</td>
<td>Switzerland</td>
</tr>
<tr>
<td>1993-1999</td>
<td>Erica Lamprecht</td>
<td>Switzerland</td>
</tr>
<tr>
<td>1999-2004</td>
<td>Giovanni Peretti</td>
<td>Italy</td>
</tr>
<tr>
<td>2005-2009</td>
<td>Rüdiger Krauspe</td>
<td>Germany</td>
</tr>
<tr>
<td>2009-2012</td>
<td>Gaetano Pagnotta</td>
<td>Italy</td>
</tr>
<tr>
<td>2012-2015</td>
<td>Thomas Wirth</td>
<td>Germany</td>
</tr>
<tr>
<td>2016-</td>
<td>Dror Ovadia</td>
<td>Israel</td>
</tr>
</tbody>
</table>

## Educational Committee

<table>
<thead>
<tr>
<th>Years</th>
<th>Chairman</th>
<th>Nationality</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004 – 2008</td>
<td>Franz Grill</td>
<td></td>
</tr>
<tr>
<td>2009 – 2014</td>
<td>Bjarne Moeller-Madsen</td>
<td></td>
</tr>
<tr>
<td>2015 – 2017</td>
<td>Hakan Ömeroglu</td>
<td></td>
</tr>
</tbody>
</table>
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).
Marie Curie International Instructional Courses of Paediatric Orthopaedics 2007-2009

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>
</tr>
</thead>
<tbody>
<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>
</tr>
<tr>
<td>(Springer-Schlößl)</td>
<td></td>
<td></td>
</tr>
<tr>
<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 (Dietrich Schlenzka)</td>
</tr>
<tr>
<td>(Orton Hospital)</td>
<td></td>
<td></td>
</tr>
<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 congenital and neuromuscular spine deformities trauma part III (Gérard Bollini)</td>
</tr>
<tr>
<td>(Timone Hospital)</td>
<td></td>
<td></td>
</tr>
<tr>
<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>tumors, bone dysplasia, metabolic diseases, musculoskeletal infections, trauma part IV (Shlomo Wientroub)</td>
</tr>
<tr>
<td>(Ma’ale Hachamisha Kibbutz Hotel)</td>
<td></td>
<td></td>
</tr>
</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
Marseille 2009

Gérard Bollini
Dietrich Schlenzka
Jean Luc Jouve

Michael Goldberg
Fritz Hefti, Benjamin Joseph
Franz Grill
Shlomo Wientroub
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
Second row: Manoj Ramachandran, Muharrem Yazici, Dror Ovadia, Ignacio Sanpera, Hakan Ömeroglu, Andreas Kranzl
First row: Pierre Lascombès, Bjarne Moeller-Madsen, Thomas Wirth, Gaetano Pagnotta, Guy Molenaers
3rd EPOS-EFORT BAT
Instructional Course Trilogy Basic II
Oct. 7th-9th 2015
First part of the 4th EPOS-EFORT BAT Instructional Course Trilogy was held between 16 and 18 March 2016 in Vienna Orthopaedic Hospital Spetsing. The first part (Basic I course) included lectures, debates, techniques, workshops, case presentations concerning basic knowledge, hip and foot disorders, LLD and lower limb deformity. The course was fully booked and registration was closed on 24 February 2016. 151 participants from 31 countries attended the course. Attendees according to their countries were shown below:

- Poland 20
- Portugal 19
- Romania 13
- Greece, Spain, Austria 11
- Turkey 8
- Ukraine 7
- Italy 6
- Sweden, Belgium, Netherlands 5
- Germany, Norway 4
- Slovakia, Finland, Estonia, Denmark, Israel 2
- Singapore, Serbia, Lithuania, Ireland, Hungary, Croatia, Egypt, Switzerland, Brazil, Bulgaria, Armenia, UK 1

There were 14 faculty members from 11 countries. The faculty members were: A. Andreacchio, D. Anticevic, C. Alves, S. Böhm, M. Cassiano Neves, J. Czubak, F. Hefti, R. Ganger, P. Lascombes, H. Ömeroglu, B. Molier-Madsen, M. Ramachandran, A. Reposch, R. Sakkers.

It was initially decided to publish electronic course syllabus including the bulleted summaries of the lectures and it was distributed to the attendees prior to the course.

Twelve case presentations were made by the participants and the best case presenter was certified and awarded. Prof. Fritz Hefti gave the latest edition of his textbook to the best case presenter.

At the end of this course 128 orthopaedic surgeons or residents from 30 countries completed the core curriculum education by attending basic I, basic II and trauma courses between 2011 and 2016 and were eligible to receive the trilogy diploma.

- Greece 16
- Portugal 14
- Italy 12
- Poland 10
- Romania 8
- Spain, Turkey 7
- Croatia, Ukraine 5
- Denmark, Estonia, Germany, Netherlands, Russia 4
- Austria, Sweden 3
- France, Hungary, Slovakia, UAE 2
- Bulgaria, Czech Republic, Ireland, Israel, Jordan, Lithuania, Norway, Serbia, Switzerland, UK 1
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 committe 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