



European Paediatric Orthopaedic Society

Memories 2007-2016

Klaus Parsch

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EPOS

European Paediatric Orthopaedic
Society

Memories
2007-2016

Klaus Parsch

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Preface

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

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


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

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


Stuttgart, March 2017

Klaus Parsch

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



EPOS
EUROPEAN
PAEDIATRIC
ORTHOPAEDIC
SOCIETY




ifpos
international
federation
paediatric
orthopaedic
societies

EPOS | IFPOS

combined meeting

ONE DAY PRE-MEETING COURSE

WORLDWIDE CONGRESS OF PAEDIATRIC ORTHOPAEDICS



APRIL 11-14, 2007

Hilton Palace
SORRENTO | ITALY

CHAIRMAN | Nando de Sanctis

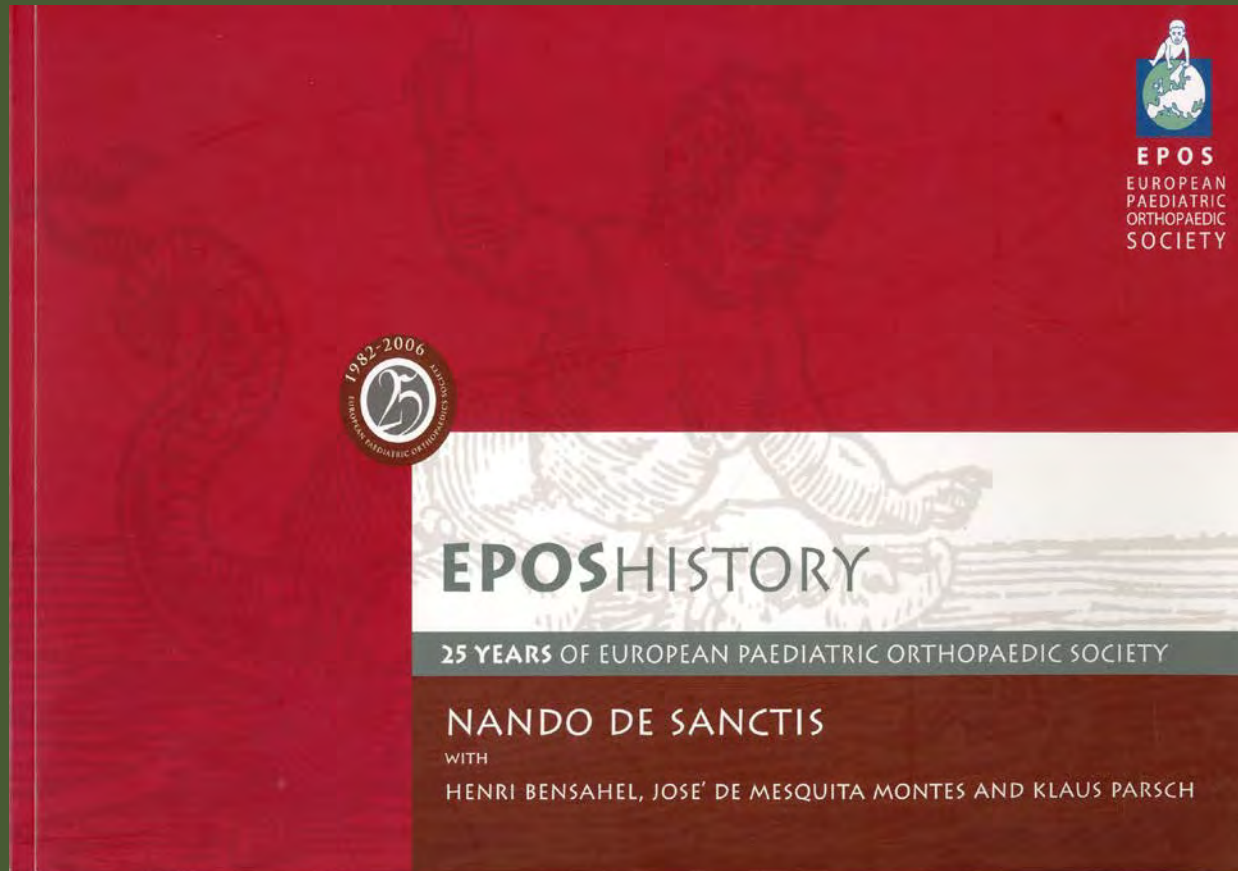


congress chairman
Nando de Sanctis



president Shlomo Wientroub

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



The first 25 years of EPOS were paid 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

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2nd Vice-President

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Prof. Pierre Lascombes

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Prof. Milan Kokavec
Prof. Muharrem Yazici
Prof. Manuel Cassiano Neves

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Prof. Fritz Hefti

Historian

Prof. Nando De Sanctis

EPOS News

Prof. Pavel Dungal

J.P.O.B

Prof. Henry Bensahel

Education

Prof. Franz Grill

IFPOS

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Vice-Chair

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Prof. Giovanni Peretti

Councillors

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Dr. Juan Couto
Prof. In Ho Choi
Prof. Toshio Fujii
Dr. Marek Synder
Prof. Shlomo Wientroub

Member at Large

Prof. Patricia Fucs

26th EPOS, 4th IFPOS Meeting Sorrento 2007

Opening Ceremony EPOS/IFPOS



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

Opening Ceremony

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

Concert of Neapolitan music

26th EPOS 4th IFPOS Meeting Sorrento 2007

Past, actual and future president of IFPOS



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

The International Federation of Pediatric Orthopaedic Societies (IFPOS)
had been founded by Henri Bensahel, Nando de Sanctis Morris Duhaime et al in 1998

26th EPOS 4th IFPOS Meeting Sorrento 2007
Thursday afternoon April 12th: Visit to Pompeji



Apollo as an archer
Bronze, 100 B.C.

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

26th EPOS 4th IFPOS Meeting Sorrento 2007

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-Calvè-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 Ponseti that in recognition of their services and scientific activity they received the Honor Medals Promaximis 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



Sigismund Column in front of King's Palace



EPOS president
Ernesto Ippolito

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

President:	Ernesto Ippolito	Italy
1st Vice-President:	Andre Kaelin	Switzerland
2nd Vice-President:	Dietrich Schlenzka	Finland
Past-President:	Shlomo Wientroub	Israel
General Secretary:	Pierre Lascombes	France
Treasurer:	Ruediger Krauspe	Germany
Councillors:	Jiri Chomiak	Czech Republic
	Jaroslav Czubak	Poland
	Deborah Eastwood	United Kingdom
	Milan Kokavec	Slovak Republic
	Muharrem Yazici	Turkey
Scientific Committee:	Fritz Hefti	Switzerland
Historian:	Nando De Sanctis	Italy
EPOS News:	Pavel Dungal	Czech Republic
JCOR	Henry Bensahel	France
	Shlomo Wientroub	Israel
Reading Committee:	Muharrem Yazici	Turkey
Education Committee:	Franz Grill	Austria
UEMS representative:	Gérard Bollini	France
EFORT representative:	Manuel Cassiano Neves	Portugal
	Rüdiger Krauspe	Germany

EPOS Reading Committee

Chairman:	M. Yazici	Turkey
Members:	A. Andreacchio	Italy
	R. Brunner	Switzerland
	J. Czubak	Poland
	D. Eastwood	United Kingdom
	M. El-Sobky	Egypt
	J. Lechevallier	France
	B. Moller-Madsen	Denmark
	G. Pagnotta	Italy
	J. Peltonen	Finland
	J. Poul	Czech Republic
	E. Segev	Israel
	W. Strobl	Austria
	T. Wirth	Germany
	R. Zeller	France

27th EPOS Meeting, Warsaw, 2008

Pre-meeting course Dega's Osteotomy



From left: Geraldo de Coulon, Marek Napiontek, Marek Jozwiak, Marek Synder, Jarek Czubak, Michael Millis, Dietrich Tönnis, Rüdiger Krauspe, Franz Grill, Scott Mubarak, Baxter Willis, Reinald Brunner

27th EPOS Meeting , Warsaw, 2008

Scientific session Hip in Adolescence, Cerebral Palsy

08.10 - 10.20 **Session 1. Hip in Adolescence**

Chairman: *Ernesto Ippolito*

Moderator: *Jaroslaw Czubak*

08.10 - 08.29 Plenary Lecture 1

Periacetabular osteotomy for adolescent hip dysplasia: Technical aspects and long-term follow-up

Moritz Tannast

08.30 - 08.49 Plenary Lecture 2

Surgical dislocation
Michael Millis

08.50 - 08.55 1. Endoscopy assisted periacetabular osteotomy. A cadaveric study*

Muharrem Inan

08.56 - 09.01 2. Ten year experience of periacetabular osteotomy in the treatment of hip dysplasia in adolescents**

Jaroslaw Czubak

09.02 - 09.09 Discussion

09.10 - 09.15 3. Long-term results of Bernese periacetabular osteotomy to treat acetabular dysplasia

*Michael Millis***

09.16 - 09.21 4. Changes in parameters describing gait in adolescents and young adults with dysplasia of the hip after Bernese periacetabular osteotomy.

*Szymon Pietrzak***

09.22 - 09.29 Discussion

10.50 - 13.00 **Session 2. Cerebral Palsy, Neuromuscular Disorders and Upper extremity**

Chairman: *Reinald Brunner*

Moderator: *Marek Jozwiak*

10.50 - 10.55 10. Botulinum toxin treatment of the biceps brachii muscle in children with cerebral palsy causes muscle tissue regeneration

Eva Pontén

10.56 - 11.01 11. Long-term use of Botulinum Toxin type a (Btx-A) in children with cerebral palsy: Treatment consistency

Guy Molenaers

11.02 - 11.09 Discussion

11.10 - 11.15 12. Distal rectus transfer in children with cerebral palsy does improvement persist long term?

*Freeman Miller***

11.16 - 11.21 13. Treatment of stiff knee gait in children with cerebral palsy

Ana Presedo

11.22 - 11.29 Discussion

11.30 - 11.35 14. Anthropometric measurements on growth of ambulant cerebral palsy children and adolescents

Manoussos Pentarakis, Dimitris Pasparakis

11.36 - 11.41 15. Results of orthopaedic surgery when the surgeons follow the gait analysis recommendations in children with cerebral palsy

Terje Terjesen

11.42 - 11.46 16. Effect of ankle foot orthoses on 3D trunk and pelvic motion during gait in children with cerebral palsy

Anja van Campenhout

11.47 - 11.58 Discussion

27th EPOS Meeting ,Warsaw, 2008

Scientific session: Hip in Adolescence



Ernesto Ippolito



Marek Napiontek



Jarek Czubak



Marek Synder



Michael Millis



Attentive audience

27th EPOS Meeting ,Warsaw, 2008

Cerebral Palsy



Henri Bensahel, Marek Napiontek



Marek Jozwiak



Reinald Brunner



Siegfried Stotz Freeman Miller



Geraldo de Culon



Scott Mubarak

27th EPOS Meeting ,Warsaw, 2008

Presidential Dinner in Lazienki Palace on the Water



Jarek Czubak in front of Lazienki Palace



String 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



Syrenka Mermaid

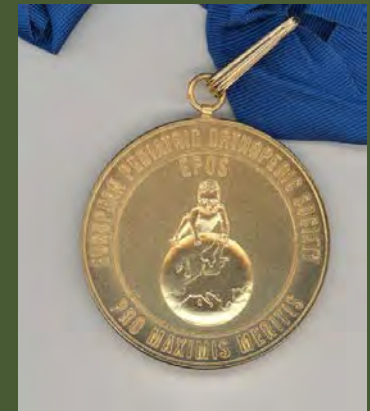


Palace of Culture and Science



Lazienki Palace on the water

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



Pro maximis meritis medal

Deborah Eastwood honour speech for Tony Catterall, Dietrich Tönnis honour speech by Rüdiger Krauspe

27th EPOS Meeting ,Warsaw, 2008

Polish Gala in Firleje

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.



Emilia and Marek Napiontek



Dietrich Tönnis tries the whip



Richard Bowen gets instructions

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,

A poster for the EPOS 28th Annual Meeting. The top left features the EPOS logo (European Paediatric Orthopaedic Society) and the text "EUROPEAN PAEDIATRIC ORTHOPAEDIC SOCIETY". To the right, a blue banner reads "SOCIAL PROGRAM". Below this, the text "28TH ANNUAL MEETING LISBOA PORTUGAL" is displayed. The main body of the poster is a photograph of the Torre de Belem in Lisbon, Portugal, at sunset. On the left side of the poster, there are several text boxes: "MAIN TOPIC: Children & Trauma", "PRE-MEETING COURSE: The Non-traumatic adolescent scoliosis, congenital, Neuromuscular, eurofibromatosis and Early Onset", and "INSTRUCTIONAL COURSE LECTURES: Hip Analysis, Hip Deformity". At the bottom left, it says "APRIL 1ST - 4TH 2009". At the bottom right, it says "All information on the 28th Annual Meeting is available at: www.epos.efort.org/lisboa2009".

EPOS president
André Kaelin

28th EPOS meeting Lisboa 2009

Pre-meeting course

Non-idiopathic early onset scoliosis



Muharrem Yazici



Manuel Cassiano Neves

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

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

Time	Title	Author
Introduction - Clinical Observations		
14:00 - 14:05	Welcome and overview of the Course	<i>Cassiano Neves</i>
14:05 - 14:20	Normal and abnormal spine growth	<i>Alain Dimeglio</i>
14:20 - 14:35	Clinical evaluation of early onset spine deformities	<i>Ruediger Krauspe</i>
14:35 - 14:50	Radiologic evaluation of early onset spine deformities	<i>Jorge Mineiro</i>
Clinical Approaches - Moderator: Andre Kaelin		
14:50 - 15:05	Congenital spine deformities	<i>Gerard Bollini</i>
15:05 - 15:20	Cerebral palsy	<i>Freeman Miller</i>
15:20 - 15:35	Myelomeningocele	<i>Ismat Ghanem</i>
15:35 - 15:50	Duchenne & Spine Muscular Atrophy	<i>Dietrich Schlenzka</i>
15:50 - 16:05	Other neuromuscular disorders with scoliosis	<i>Andre Kaelin</i>
16:05 - 16:20	Discussion	
16:20 - 16:45	COFFEE BREAK	
When and How to treat - Moderator : Steve Richards		
16:45 - 17:00	Casting, bracing and traction	<i>Charles Johnston</i>
17:00 - 17:15	Indication for non fusion techniques in non idiopathic scoliosis	<i>Charles Johnston</i>
17:15 - 17:30	Instrumentation difficulties	<i>Muharrem Yazici</i>
17:30 - 17:45	Growth modulation techniques	<i>Eric Wall</i>
17:45 - 18:00	Growing rod	<i>Muharrem Yazici</i>
18:00 - 18:15	VEPTR	<i>Fritz Hefti</i>
18:15 - 18:30	Discussion	



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

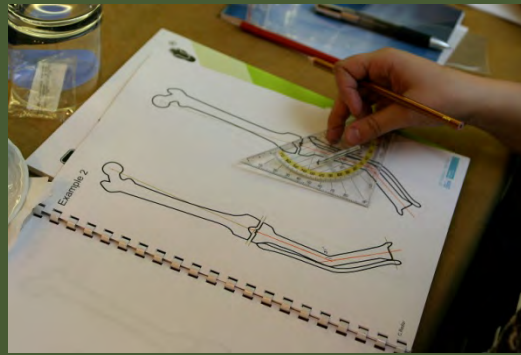
28th EPOS meeting Lisboa 2009

Instructional Course

Limb deformity preoperative planning



Rudolf Ganger



Walter Strobl



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 Goertler Krauspe Rüdiger Krauspe



Pavel Dungal, 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

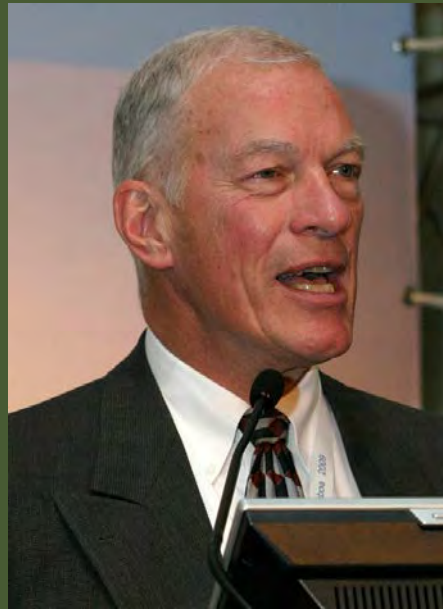


Eric Wall



Pentti Kallio

28th EPOS meeting Lisboa 2009
Presidential Guest Lecture
Colin Moseley, Los Angeles CA



André Kaelin Colin Moseley

“Decisions in the Dark“

28th EPOS meeting Lisboa 2009

Scientific Program Cerebral Palsy



Marek Jozwiak



Tomas Epeldegui

Reinald Brunner



Elke Viehweger



Gunnar Hägglund



Michael Vitale



Unni Narayanan



Vladimir Kenis



Moon Seok Park



Ignacio Martinez
Caballero

28th EPOS meeting Lisboa 2009

Scientific Program Clubfoot, Tumours

14.30–16.00 <i>Session 6. Foot and ankle & Clubfoot & Tumors</i>	
Chairman	Ernesto Ippolito (Italy)
Moderator	Steve Richards (United States)
14.30–14.40	54. Ponseti method versus French physiotherapy for initial treatment of idiopathic clubfoot deformity: A comparative study** Franck Chotel, Philippe Wicart, Roger Parot, Vincent Cunin, Raphael Seringe, Jérôme Berard (France)
14.40–14.50	55. Successful correction of arthrogryptic clubfoot with a modified Ponseti technique Salih Marangoz, Harold Van Bosse, Debra Sala, 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 Church, Julie Coplan, Ahmed Thabet, Durga Kowtharapu, Mohan Belthur, Roland Starr, 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 Katzman, Yaniv Keren (Israel)
15.10–15.20	58. Osteoid osteoma in patients younger than 18 years old José Luis Beguiristain, Julio Duart, Mikel San Julian (Spain)
15.20–15.30	59. Clinical and genetic outcome in patients with hereditary multiple exostoses (HME)** Bettina Westhoff, Marcus Jäger, Sebastian Portier, Barbara Leube, Brigitte Royer-Pokora, Rüdiger Krauspe (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 Jagermath, 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)



Gaetano Pagnotta

Rüdiger Krauspe



José Herrera Soto



Deborah Eastwood



Christina Neila



Lorenz Büchler

28th EPOS meeting Lisboa 2009

Scientific Program Hip & Lower Extremity

08.50-09.00	68. Cruciate ligaments aplasia in patients with PFED Martin Ostadal, Jiri Chomiak, Monika Frydrychova, Pavel Dungal (Czech Republic)
09.00-09.10	69. Superhip procedure for reconstruction of the hip in congenital femoral deficiency Catharina Chiari, Monica Nogucira, Geoffrey Crandall, John Herzenberg, Shawn Standard, Dror Paley (United States)
09.10-09.20	70. Preliminary experience using Fassier-Duval telescopic intramedullary system in the treatment of osteogenesis imperfecta Thomas Wirth, Katrin Schelling (Germany)
09.20-09.30	71. Sheffield intra-medullary telescoping nail system for managing recurrent fractures and deformity problems in the long bones of the lower limbs in children** Riazuddin Mohammed, Christopher Bradish (United Kingdom)

09.30-09.40	72. Residual deformities following treatment of pseudarthrosis of tibia Chakravarthy U Dussa, Leonhard Doederlein (Germany)
09.40-09.50	73. Virtual surgery using 3D-CT images for preoperative planning of periacetabular osteotomy in hip dysplasia Soon Hyuck Lee, Sang Won Park (Korea)
09.50-10.00	74. Effect of innominate and varus-derotation osteotomy on acetabular development in developmental dysplasia of the hip** R. Andreas Roposch, G. Spence (United Kingdom), R. Hocking, John Wedge (Canada)



Martin Ostadal



Catharina Chiari



Thomas Wirth



Riazuddin Mohammed



Chakravarthy Dussa



Andreas Roposch

28th EPOS meeting Lisboa 2009

Scientific Program Upper extremity



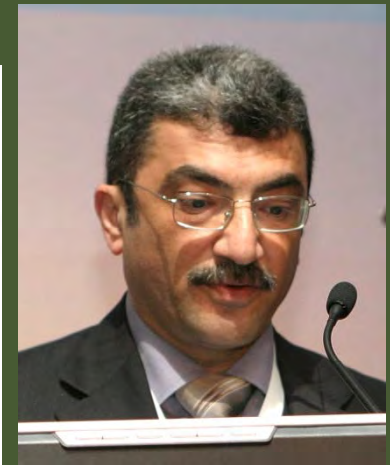
Pierre Lascombes

Bjarne Moeller-Madsen



Jérôme Sales de Gauzy

- | | |
|-------------|---|
| 11.00–11.10 | 48. Arthroscopic release for shoulder internal rotation contracture secondary to brachial plexus birth palsy
Abdelaziz Abid, Jean Kany, Franck Accadbled, Philippe Darodes, Gorka Knörr, Jérôme Sales De Gauzy, Jean Philippe Cahuzac (France) |
| 11.10–11.20 | 49. Results of modified Woodward operation for severe Sprengel's deformity
Alaaeldin A Ahmad (Palestinian Territory), Hugh Watts (United States) |



Alaaeldin 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



Coffe/tea & pastries
Pasteis de Belem



From right: Freeman Miller, Viktor Bialik, Gadi Bialik, Ivan Krajbich, Diana Holmes

29th EPOS meeting Zagreb, Croatia April 7th-10th 2010



Congress President
Darko Anticevic



The image shows the cover of the 'FINAL PROGRAM' for the 29th EPOS Annual Meeting. At the top, a young child is shown upside down against a blue sky. Below this, the text '29th EPOS ANNUAL MEETING' is prominently displayed in a white box with a blue border. Underneath, it says 'April 7-10, 2010, Hotel Westin, Zagreb, Croatia'. The central part of the cover features a photograph of Saint Markus Church in Zagreb, characterized by its colorful tiled roof. At the bottom, the text reads '29th European Paediatric Orthopaedic Society Annual Meeting', 'April 7-10, 2010, Hotel Westin, Zagreb, Croatia', 'Main topic: Upper extremity', and 'Pre-Meeting Course: Legg-Calvé-Perthes Disease - 100 years after'.

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

<p>14:00–14:05 Welcome and introduction D. Schlenzka, D. Anticevic</p> <p>14:05–15:50 Basic science, aetiology, prognosis Chairmen: Guy Fabry, Rudiger Krauspe</p> <p>14:05–14:25 Perthes disease - Pathology and indications for treatment Antony Catterall, UK</p> <p>14:25–14:40 Hypercoagulability in the aetiology of LCP disease Shlomo Wientroub, Israel</p> <p>14:40–14:55 Alteration of collagen metabolism in Perthes disease as an indicator for a systemic aetiology Bettina Westhoff, Germany</p> <p>14:55–15:10 Legg-Calve-Perthes disease and age Alain Diméglio, France</p> <p>15:10–15:25 Current state and directions in research of LCP Richard Bowen, USA</p> <p>15:25–15:50 Discussion</p> <p>15:50–16:20 Coffee break—refreshments</p>	<p>16:20–18:30 Choices of management Chairmen: Tony Catterall, Alain Dimeglio</p> <p>16:20–16:35 Treatment of LCP disease—is there a consensus? Fritz Hefti, Switzerland</p> <p>16:35–16:50 Proximal femoral varus osteotomy in the treatment of Perthes disease Terje Terjesen, Norway</p> <p>16:50–17:05 Salter osteotomy in Legg-Calvé-Perthes disease George H. Thompson, USA</p> <p>17:05–17:20 Advanced Containment Methods for Perthes Disease: Triple Acetabular Osteotomy Dennis R. Wenger, USA</p> <p>17:20–17:35 Management of the late pain - in the era of surgical dislocation of the hip Antony Herring, USA</p> <p>17:35–17:50 Perthes disease - Management of the older child Antony Catterall, UK</p> <p>17:50–18:20 Discussion</p> <p>18:20–18:30 Wrap-up—Alain Diméglio</p>
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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 Gennaro and family



Manoj Ramachandran, Menahem Singer



David Stary, Ladislav 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 Sackers 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



Chairman:
Dennis Wenger



Moderator:
Deborah Eastwood

Friday April 9

08.00–10.00 Session 4

DDH

Chairman Dennis R. Wenger, United States
Moderator Deborah Eastwood, United Kingdom

- 8.00–8.10 28. Variation in diagnostic criteria for developmental dysplasia of the hip among orthopaedic surgeons***
Andreas Roposch, Liang Q Liu, Fritz Hefti, 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 3–6 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 acetabuloplasty 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 Kotz (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 Alhallao, 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

Chairman Franz Grill, Austria
Moderator Rüdiger Krauspe, Germany

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

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

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

11.00–11.10 43. The use of bovine bone graft in pelvic osteotomies in children
Philip Henman, Jonathan Loughhead, 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 Lauge-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 Wiaert, Frederic Salmeron (France)

29th EPOS meeting Zagreb, 2010
Henri Bensahel Presidential Lecture
Kalevi Osterman, Helsinki, Finland



Kalevi Osterman



Introduction
Dietrich Schlenzka

„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 Sackers



Judith and Richard Bowen

29th EPOS meeting Zagreb, 2010 POSNA Travelling Fellows



Alexandre Arkader Los Angeles CA, past-president POSNA Perry Schoenecker, Christopher Jobst , 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 Sackers, Françoise Lascombes, Janice Thompson, George Thompson

29th EPOS meeting Zagreb, 2010 Presidential Dinner



Manuel Cassiano Neves Bjarne Moeller-Madsen



John Dormans Peter Waters



Edel and Klaus Parsch



Glyn Benson Jan van der Eijken

29th EPOS meeting Zagreb, 2010 Presidential Dinner



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



Francois Fassier,

Patricia Fucs



Glyn Benson, Catherine Bollini,
Françoise Lascombes, Bibi van der Eijken

29th EPOS meeting Zagreb, 2010
Pro Maximis Meritis
Sandro Dal Monte Bologna, Italy



Prof. Alessandro Dal Monte Istituto Rizzoli Bologna



Honour speech
Gaetano Pagnotta

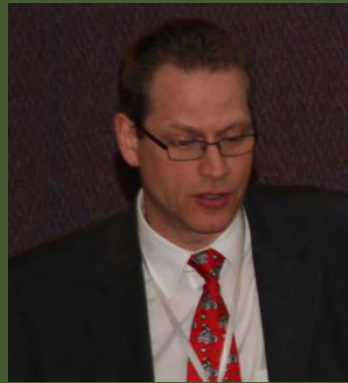


EPOS 1985 in Bologna

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

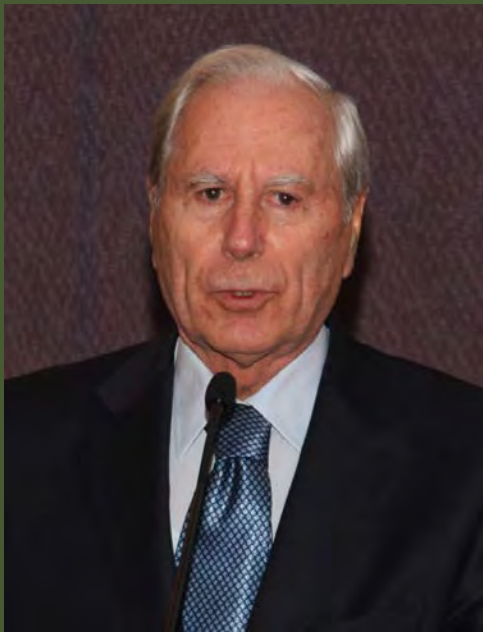


Jan van der Eijken , Onze Lieve Vrouwe Gasthuis
Amsterdam, The Netherlands



Honour Speech
Ralph Sackers

29th EPOS meeting Zagreb, 2010
Pro Maximis Meritis
Nando de Sanctis Napoli, Italy



Nando de Sanctis, Ospedale Santobono, Napoli



Ernesto Ippolito, Nando de Sanctis Franz Grill



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

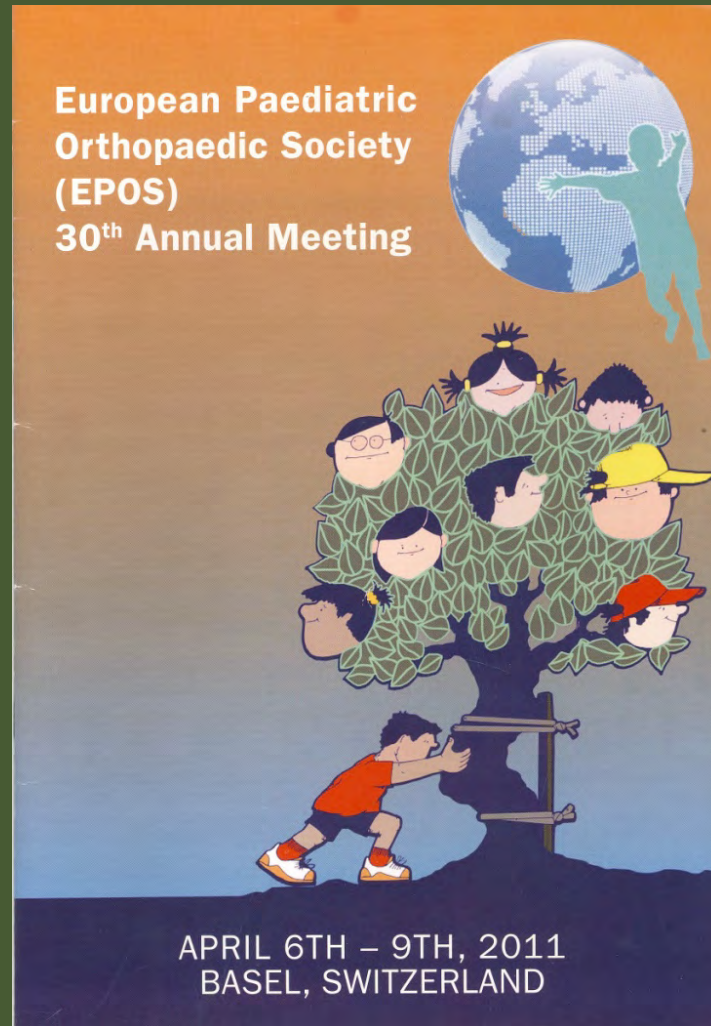


Nando de Sanctis, Ernesto Ippolito, Fabiola de Sanctis, Tomas Epeldegui, Alain Dimeglio, André Kaelin, John Dormans

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

EPOS ADVANCED COURSE

Overview in CP Concepts

Course program: Reinald Brunner

TUESDAY 05.04.2011

13h30-15h00 Gait in CP

Chair: Reinald Brunner

15h40-17h00 Functional Deformities in Walking CP Patients

Chair: Tim Theologis

17h05-18h00 Management of Spasticity: Neurological Treatment

Chair: Andrew Roberts

WEDNESDAY 06.04.2011

09h00-10h20 Hip Dislocation in CP

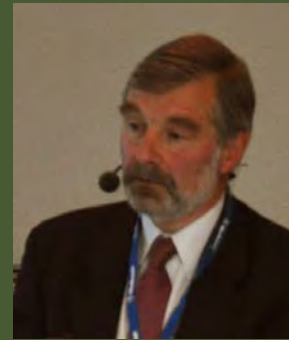
Chair: James Robb

10h50-12h00 Functional Deformities in Walking CP Patients

Chair: Tim Theologis



Reinald Brunner



James Robb



Mark Paterson



Gunnar Hägglund



Freeman Miller

30th EPOS meeting Basel, 2011
Pre-meeting course
Adolescent Idiopathic Scoliosis



Carol Hasler



Dror Ovadia



Muharrem Yazici



Alain Dimeglio



Pierre Lascombes



Daniel Studer



Rüdiger Krauspe

30th EPOS meeting, Basel 2011

Scientific program Clubfoot



Shlomo Wientroub



Stephanie Böhm



Stephen Richards

Time	SESSION 2: The Pediatric Foot - Clubfoot, Flatfoot	Authors
	Chairmen: Shlomo Wientroub (Israel), Stephanie Boehm (Switzerland)	
10 10h00	A new method for compliance measurement in the Ponseti method for treating idiopathic clubfoot by using a temperature data logger	Stephanie Boehm, Andrew Wainwright, Ana Ey Battle, Mark Gaston, Carol Hasler, Marc Sinclair
11 10h07	Transition from Surgery to Ponseti in the Management of Idiopathic Club Foot: 20 Years Experience	Atef A. Zaky Hanna, Maged R. Hanna, Mohammed El-Sobky, Yehia N.Tarraf
12 10h14	Ponseti Treatment for Non-Idiopathic Clubfeet has Modest Success	B.Stephens Richards, Shawne T.Faulks, Lori A.Karol, Karl A.Rathjen

30th EPOS meeting Basel, 2011

Scientific program Clubfoot



Mohammed El Sobky



Olivier Badelon



Maurizio de Pellegrin



Ernesto Ippolito



William Mackenzie



Perry Schoenecker

30th EPOS meeting, Basel 2011

Scientific program Vertical talus



Oliver Eberhardt



Ramanoudjame Mira

14	10h28	Treatment of vertical talus with the Dobbs method	O. Eberhardt, F. F. Fernandez, T. Wirth
15	10h35	Congenital convex foot (vertical talus): evaluation of surgical management	Ramanoudjame Mira, Seringe Raphaël, Glorion Christophe, Wicart Philippe.

30th EPOS meeting, Basel, 2011

Scientific program DDH

Time	SESSION 3: Developmental Dysplasia of the Hip	Authors
	Chairmen: Dennis Wenger (United States), Jean-Luc Jouve (France)	
20 14h00	Surgeons' Consistency in Rating Criteria for the Diagnosis of Developmental Dysplasia of the Hip was Poor	Andreas Roposch, Duvaraka Kulaveerasingam, Liang Q Liu
21 14h07	Hip dysplasia in children: MRI analysis of the acetabulum cartilaginous coverage	Pierre Journeau, Marc Legname, Laurence Mainard-Simard, Dimitri Popkov, Thierry Haumont, Pierre Lascombes
22 14h14	Reduced femoral head cover as risk factor for osteoarthritis in 45 years follow-up of late-detected hip dislocation	Terje Terjesen
23 14h21	Are Symptoms in Patients with Hip Dysplasia and Femoroacetabular Impingement associated with Findings in Magnetic Resonance Arthrography?	David Stelzener, Tallal C. Mamisch, Inge Kress, Stephan E. Domayer, Stefan Werlen, Michael B. Millis, Young-Jo Kim
24 14h28	Adolescent Athletes can Return to Previous Level of Athletic Activity Following Surgical Dislocation of the Hip	Eduardo N. Novais, Benton E. Heyworth, Young-Jo Kim, Michael B. Millis
25 14h35	Five Years follow-up after Albee procedure in an adolescent population	J-L. Jouve, B. Blondel, G. Armaganian, S. Parratte, F. Launay, G. Bollini
26 14h42	Treatment of decentered hip joints before and after sonographic newborn hip screening using the GRAF method – A comparative cohort study.	Tschauner Christian, Fürntrath Frank, Schwantzer Gerold, Berghold Andrea
27 14h49	Reproducibility of different screening classifications in ultrasonography of the newborn's hip	C.-D. Peterlein, K.-F. Schüttler, N. Timmesfeld, S. Fuchs-Winkelmann, M.D. Schofer



Dennis Wenger



Jean-Luc Jouve



Terje Terjesen



Michael Millis

30th EPOS meeting, Basel, 2011

Scientific programm DDH

Chairmen: Unni Narayanan (Canada), Christian Tschauner (Austria)	
Graf Type IIa Hips Needs More Consideration in Female Babies	Hakan Omeroglu, Remzi Caylak, Ulukan Inan, Nusret Kose
Reliability of a New Radiographic Classification of Developmental Hip Dysplasia	Charles.T.Price, Pablo Castanedo, Nick M.P. Clarke, Peter Cundy, Jose Herarro-Soto, Harish S.Hosalkar, James .R.Kasser, Scott .J.Mubarak, John H.Wedge, Unni G.Narayanan
Long Term Follow Up of Open Reduction Surgery for Developmental Dislocation of the Hip	James Roach
Correlation of femoral head coverage and Graf α angle in infants being screened for developmental dysplasia of the hip	C. Gunay, H. Atalar, H. Dogruel, O. Y. Yavuz, I. Uras, U. Sayli
Concentric Reduction of the Femoral Head in Childhood Hip Dysplasia: A Precise Definition Based on MR Imaging	Hui-Taek Kim, In-Bo Kim, Jong-Seo Lee
Do we need both static and dynamic USG to evaluate developmental dysplasia of the hip?	Neslihan Tasdelen, Nilay Soydan, Muharrem Inan, Fulya Ustunkan



Unni Narayanan



Christian Tschauner

30th EPOS meeting, Basel, 2011

Scientific program

pediatric foot, leg lengthening

FRIDAY 08.04.2011		08H00 - 18H00
Time	SESSION 4: The Pediatric Foot - Miscellaneous - Leg Lengthening	Authors
	Chairmen: Scott Mubarak (United States), Bruce Foster (Australia)	
34 08h00	Classification and Treatment of Talocalcaneal Coalitions	Scott J. Mubarak, George D. Gantsoudes, Joanna Roocroft, Dennis R. Wenger
35 08h07	Arthroscopic excision of the calcaneo navicular coalition: anatomical study and preliminary results	F. Accadbled, J. Knörr, J. Laborde, A. Abid, J. Sales de Gauzy
36 08h14	The split tibialis posterior tendon transfer for the correction of spastic equinovarus hind foot deformity.	M. Vlachou, A. Verykokakis, D. Dimitriadis
37 08h21	Medial column stabilization improves the result of calcaneal lengthening in cerebral palsy	Ken N. Kuo, Ting-Ming Wang, Che-Nan Huang, Kuan-Wen Wu, Shier-Chieh Huang
38 08h28	Correlation between Oxford Foot Model kinematics and Oxford Ankle Foot Questionnaire	J. Bates, J. McCahill, J. Stebbins, T. Theologis, C. Morris
39 08h35	Percutaneous distal metatarsal osteotomy for correction of adolescent hallux valgus.	Mark Eidelman, Alexander Katzman
40 08h42	Skew foot: clinical and radiological descriptions and critical analysis of treatment methods	Loriaut Philippe, Seringe Raphael, Glorion Christophe, Wicart Philippe
41 08h49	Polydactyly of the Foot: is Timing of Surgery Critical for Mid-term Outcome?	Kubat O, Šmigovec I, Đapić T, Antičević D



Scott Mubarak



Bruce Foster



Franz Grill



Gamal Hosny



Ken Kuo



Tim Theologis

30th EPOS meeting, Basel, 2011

Scientific program

DDH, SUFE, LCPD

Time	SESSION 5: DDH, SUFE, LCPD	Authors
	Chairmen: Peter Cundy (Australia), Fritz Hefti (Switzerland)	
46 10h20	Is Acetabular Growth in Severe DDH in Newborns Age-related?	M.De Pellegrin, C.Bonifacini, D.Moharamzadeh
47 10h27	Results of the Austrian Ultrasound Screening Program for developmental dysplasia of the hip	Thallinger, Ganger, Radler, Grill, R. Pospischill
48 10h34	Predicting Factors for the Development of Osteonecrosis after the Treatment of the Developmental Dislocated Hip	Renata Pospischill, Julia Weninger, Johannes Altenhuber, Franz Grill
49 10h41	The tamponade effect of unstable slipped capital femoral epiphysis.	Jose A. Herrera-Soto, Allison E. Crepeau, Mark Birnbaum, Jay Albright; Kelly L. Vander Have
50 10h48	Pincer Lesion in Post Slipped Capital Femoral Epiphysis	Jeremy P.Bauer, Dennis R.Roy
51 10h55	Early Experience with the Subcapital Re-Alignment Osteotomy via Surgical Hip Dislocation and Modified Fixation Technique for Severe SCFE: 24 Cases	Oliver Birke, Paul Gibbons, David G Little
52 11h02	Slipped Capital Femoral Epiphysis: Rising Rates with Obesity and Aboriginality in South Australia	Nguyen A, Ling J, Gomez B, Antoniou G, Sutherland LM, Cundy PJ
53 11h09	Abstract: Management of slipped upper femoral epiphysis: Results of a survey of the membership of the European Paediatric Orthopaedic Society.	R.J.A. Sonnega, J.A. van der Sluijs, A.Wainwright, A.Roposch, F.Hefti
54 11h16	Legg-Calvé-Perthes disease and risks for injuries and fractures	Yasmin D.Hailer, Scott M Montgomery, Anders Ekblom, Shahram Bahmanyar
55 11h23	Combined Bernese Periacetabular Osteotomy (PAO) and Surgical Hip Joint Dislocation (SHD) for Correction of Symptomatic Perthes-like Complex Hip Joint Deformity	Perry L.Schoenecker, Thomas Roy, Gail Pashos, John C.Clohisy
56 11h30	Increased Circulating Soluble Selectins, Reflecting Activated Platelets Associated with Activated Endothelium, in Legg- Calve-Perthes Disease	Vusal Ismayilov, Duygu Yazgan Aksoy, Nilgun Sayinalp, Ibrahim Celalettin Haznedaroğlu, Mumtaz Alpaslan Mehmet Cemalettin Aksoy



Peter Cundy



Fritz Hefti



Renata Pospischill



Perry Schoenecker



Zaid Al Aubaidi,



Shlomo Wientroub

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

30th EPOS meeting, Basel, 2011

Scientific program Knee

Time	SESSION 6: Knee	Authors
	Chairmen: Deborah Eastwood (United Kingdom), Carlo Camathias (Switzerland)	
57 14h15	Comparing Blount staples with 8-Plate in the treatment of Genu Varum and Genu Valgum: a retrospective Analysis	Jelinek EM, Bittersohl B., Martiny F., Scharfstädt A., Westhoff B., Krauspe R.
58 14h22	Congenital Dislocation of the Knee: A Protocol for Management Based on Degree of Knee Flexion	Tarek Hassan Abdelaziz, Shady Samir
59 14h29	Bioabsorbable lag screw fixation of knee osteochondritis dissecans in the skeletally immature.	Genning K, Festring J, Gaston MS, Camathias C
60 14h36	A Novel Osteotomy for Acute Correction of Severe Adolescent Blounts' Disease – Surgical technique and preliminary results	Kwong S.M, A. Chowdhary, Hui J.H.P
61 14h43	Habitual Patella Dislocation In Extension And Traumatic Patella Dislocation In Children And Adolescents ----- An Entity In Continuum?	James Hui; Mala Satku; Kenon Chua
62 11h50	Intercondylar Notch Dimensions and Growth Patterns in Young Pediatric Patients	Sommer Hammoud, Christopher K. Kepler, Frank Aversano, Hollis G. Potter, Daniel W. Green



Deborah Eastwood



James Hui

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



Guy Molenaers

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



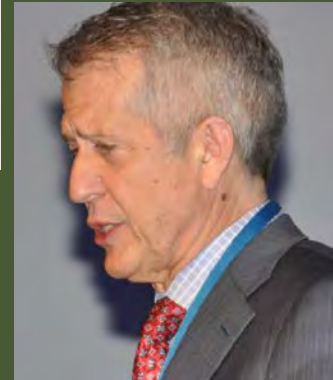
Erich Rutz

30th EPOS meeting, Basel 2011

Scientific program

Spine

SESSION 9: Spine	Authors
Chairmen: Dietrich Schlenzka (Finland), Dror Ovadia (Israel)	
Effect of Pedicle Screw Insertion on Pedicle and Canal Development in Young Children	Z. Deniz Olgun, Gokhan Demirkiran, Mehmet Ayvaz, Emre Karadeniz, Muharrem Yazici
Intraoperative triggered EMG for detection of pedicle breaches in high thoracic pedicle screws: Is it valid?	Jon Oda, Suken Shah, D. Raymond Knapp, Jonathan H. Phillips
How Much is Too Much? Higher Degrees of Curve Correction Correlate with Worsened Sagittal Balance	Vitali, Michael G, Jarrett, Oliver F, Hiroko Matsumoto, David P. Roye, Sutcato, Daniel J, Richards, B. Stephens, Emans, John B, Erickson, Mark A; Sanders, James O; Lenke, Lawrence G. W.G. Stuart Mackenzie, Hiroko Matsumoto, Jacqueline Corona, Chris Lee, Stephanie R. Cody, Lisa Covington, Lisa Saiman, John M. Flynn, David L. Skaggs, Michael G. Vitale
Surgical Site Infection Following Spinal Instrumentation for Scoliosis: Lessons Learned from An Analysis of 1352 Procedures at Three Centers	Cundy TP, Sutherland LM, Antoniou G, Freeman BJ, CUNDY PJ.
Serum Titanium Levels Following Paediatric Spinal Arthrodesis	Christina K Hardesty, Connie Pœ-Kochert, Jochen Son-Hing, George H Thompson
Incidence of Complete Spinal Instrumentation Removal Following Deformity Surgery: A 16 Year Retrospective Review	Anna Ey Battle, Imma Vilalta Vidal, Norberto Ventura Gómez
Surgical Treatment of Idiopathic Extension Contracture of the Ligamentum Nuchae.	Kenon Chua; James Hui; Wong Hee Kit; Daniel Goh; Lee Eng Hin
Long Term Follow Up of Pulmonary Function and Scoliosis in Patients with Duchenne's Muscular Dystrophy and Spinal Muscular Atrophy	Dietrich Schlenzka, Tuomas Jalanko, Ilkka Helenius, Ville Remes, Tommi Lamberg, Pekka Tervahartiala, Timo Yrjönen, Mikko Poussa
Operative treatment of isthmic spondylolisthesis in children up to the age of 12 years. A long-term, retrospective comparative study with matched cohorts.	Fabricant PD, Admoni S, Ipp L, Green DW, Widmann RF
Are Patients Participating in Sports After Posterior Spine fusion for Adolescent Idiopathic Scoliosis? Distal Level of Fusion Correlates With Postoperative Activity Level	Ovadia D., Eylon S, Wientroub S, Lebel D
Adolescent idiopathic scoliosis treated with Rigo system Cheneau brace - factors associated with success.	Daniel J. Miller, Omar F. Jameel, Frank J. Schwab, David P. Roye Jr, Michael G. Vitale
Factors Affecting Distal Junctional Kyphosis after Spinal Fusion for Adolescent Idiopathic Scoliosis	



David Roye



Peter Cundy



George Thompson

30th EPOS meeting, Basel, 2011 Presidential Dinner



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



Margarete Tönnis , artist with castanets, Lutz Jani
listening to the sound of castanet

30th EPOS meeting, Basel 2011 Conference Dinner



Location: Safranzunft

30th EPOS meeting, Basel 2011

Closing ceremony



Congress President Fritz Hefti says „Good bye“




Balthasar Streiff blows „Farewell“

31st EPOS meeting Helsinki Finland April 18th – 21st 2012

31st Annual Meeting
European Paediatric
Orthopaedic Society
President: Prof. Dr. R. Krauspe

18th – 21st April, 2012
Helsinki
Finland
Local Host: Prof. Dr. D. Schlenzka



EPOS
European Paediatric Orthopaedic Society

www.epos2012.org



Congress President
Dietrich Schlenzka



EPOS President
Rüdiger Krauspe

31st EPOS meeting Helsinki, 2012 Congress venue Grand Marina



31st EPOS meeting, Helsinki, 2012

Helsinki „Art nouveau“



Main railroad station



The three smiths



Garden restaurant



Shopping Center

31st EPOS meeting Helsinki 2012

EPOS BAT Advanced Course

PRE-MEETING COURSE

«MUSCULOSKELETAL TUMOURS IN CHILDREN»
WEDNESDAY 18th April, 13h00-18h30
 Marina Congress Center, Helsinki

BASICS

Chair: Pentti Kallio, Finland

13h00-13h05

Opening remarks Pentti Kallio, Finland

13h05- 13h20

Awareness and management of suspicious lesions Rüdiger Krauspe, Germany

13h20-13h40

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

13h40-13h55

Radiographic diagnosis & guided biopsies Seppo Koskinen, Finland

13h55-14h10

Histological classification, diagnosis & postsurgery assessment Tom Böbling, Finland

14h10-14h20

Discussion

MODALITIES OF SURGERY AND RECONSTRUCTION

Chair: Gérard Bollini, France

14h20-14h35

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

14h35-14h50

Spine tumour; resection and reconstruction Gérard Bollini, France

14h50-15h05

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

15h05-15h15

Discussion

15h15-15h45

Coffee break

15h45-16h00

Extremity reconstruction using endoprosthesis John Dormans, USA

16h00-16h15

Extremity reconstruction using allograft Rodolfo Capanna, Italy

16h15-16h30

Extremity Reconstruction using microvascular bone Erkki Tukiainen, Finland

16h30-16h45

Discussion

16h45-17h00

Extremity Amputations & Rotationplasty Ivan Krajbich, USA

17h00-17h15

Growing prosthesis Robert Grimer, UK

17h15-17h30

Discussion

17h30-17h45

Soft tissue sarcomas in the extremities Franck Chotel, France

17h45-18h00

Final discussion

EPOS BAT ADVANCED COURSE

«ARTHROGRYPOSIS MULTIPLEX CONGENITA – AN UPDATE»
WEDNESDAY, 18th April, 09h00-12h10
 Marina Congress Center, Helsinki

09h00-09h05

Introduction Bjarne Møller-Madsen, Denmark

THE CAUSES OF ARTHROGRYPOSIS, AMC

09h05-09h25

Amyoplasia and Distal AMC Eva Kimber, Sweden

09h25-09h45

AMC and Neuromuscular Disorders Jana Hoff, Norway

09h45-09h50

The Incidence of AMC in Europe Jana Hoff, Norway

THE MANAGEMENT OF AMC

09h50-10h10

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

10h10-10h40

Problems with the upper limb Ruth Lester, UK

10h40-11h00

Management of the hips Christopher Bradish, UK

11h00-11h20

Management of the knees Eva Ponten, Sweden

11h20-11h50

Management of the feet Bart Kowalczyk, Poland

11h50-12h10

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

EPOS Educational Committee 2012

31st EPOS meeting, Helsinki, 2012

Opening ceremony



Congress opening ceremony



Finnish national dancing group

31st EPOS meeting, Helsinki, 2012

Scientific program

Metabolic disease, Knee, SCFE

#	Time	Metabolic Bone Disease	Authors	Country
		Chairmen / Moderators: Darko Anticevic, Antonio Andreacchio		
49	17h00	Orthopaedic Manifestations of the 22q11.2-Deletion Syndrome	Dino Colo , Moyo C Kruyt, René C Castelein	Netherlands
50	17h07	Thoraco-Lumbar Kyphosis in Type 1 Mucopolysaccharidosis Children	Kariman Abelin-Genevois , Christophe Garin, Federico Solla, Vincent Cunin, Nathalie Guffon, Rémi Kohler	France
51	17h14	Interlocking Telescopic Rod in Osteogenesis Imperfecta (OI) – Indications and Pitfalls – About a 27 Patients and 21 Telescopic Rods Series	João Lameiras Campagnolo , Miguel Pinheiro, Manuel Cassiano Neves, Delfin Tavares	Portugal
52	17h21	Lower Limb Alignment in Hypophosphataemic Rickets: Outcome of Combined Medical and Surgical Management	Deborah Eastwood , Mark D Scally, Detlef Bockenhauer, Willian Van't Hoff	UK
17h28		Discussion - 12'		
#	Time	Knee / SCFE	Authors	Country
		Chairmen / Moderators: Manuel Cassiano-Neves, Thomas Wirth		
53	17h40	Congenital Knee Dislocation: From Prenatal Diagnosis and Immediate Treatment to Extensive Surgery	Nikolay Rumyantsev , Igor Kruglov	Russia
54	17h47	Long Term Outcome of Surgical Patella Realignment with a Modified Grammont Technique	Tanja Kraus , Surjit Lidder, Martin Svehlik, Frank Schneider, Stefan Tauber, Wolfgang E. Linhart	Austria
55	17h54	Age Related Differences in the MPFL Injury Pattern in TPD. Case Series of 50 Children and Adolescents with Surgical Verification	Jaroslav Felus , Bartlomiej Kowalczyk	Poland
56	18h01	Long Term Hip Function after Surgery for Slipped Capital Femoral Epiphysis Surgery - A 15 Year Follow up Study	Jamie Sutherland Brown , Peter David Henry Wall, Damian Griffin	UK
57	18h08	Persistent Growth after Prophylactic Single Screw Epiphysiodesis in Upper Femoral Epiphysis	Stefan Dierauer , Leonhard Ramseier, Hanspeter Huber, Lazaros Vlachopoulos	Switzerland



Thomas Wirth



Deborah Eastwood

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



Tomas and Casilda Epeldegui



Tony Catterall Ralph Sakkers

31st EPOS meeting, Helsinki, 2012 Presidential Dinner



Pentti Kallio, Peter Waters, Yrjänä Nietosvaara



Bjarne Moeller-Madsen, Ole Rahbeck



Kalevi Osterman



Polly Kuo, Irene Goerttler-Krauspe

31st EPOS meeting Helsinki, 2012 Presidential Dinner



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



Fritz and Christiane Hefti, Franz Grill, Muharrem Yazici,
Pentti Kallio Yrjänä Nietosvaara, Irene and Rüdiger Krauspe,
Reinhard Graf, Shlomo Wientroub

30th EPOS meeting, Helsinki, 2012 Presidential Dinner



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



Klaus Parsch, Glyn Benson, Tony Catterall, Barbara Mees



Yvonne Wirth, Thomas Wirth, Unni Narayanan,
Andreas Roposch, Mohammed el Sobky,
Ken and Polly Kuo

31st EPOS meeting, Helsinki, 2012 Presidential Dinner



Peter Waters, POSNA past president John Flynn, POSNA president - elect, Deborah Eastwood, EPOS president -elect, Rüdiger Krauspe, EPOS president, Carlo Milani, IFPOS president, Peter Newton, POSNA president , Alexandre Lourenco president Brazilian Paediatric Orthopaedic Society

31st EPOS meeting, Helsinki, 2012
Gala dinner April 20th



Ralph Sakkers, Barbara Mees, Annelie Weinberg, Anna and Dietrich Schlenzka,
Bjarne Moeller-Madsen, Irene and Rüdiger Krauspe, Unni Narayanan, Jarek Czubak

31st EPOS meeting, Helsinki, 2012
Gala dinner April 20th



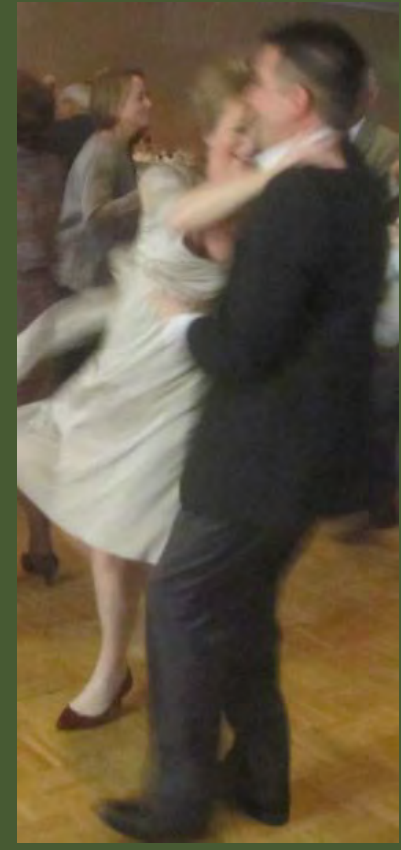
Christiane and Fritz Hefti



Eva Ponten and Unni Narayanan



Richard Bowen



Emilia and Marek Napiontek

31 st 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“

31 st EPOS meeting, Helsinki, 2012

John Sharrard best clinical science award 2012

Daniel Perry



Rüdiger Krauspe president, Deborah Eastwood chair of reading committee, Daniel Perry

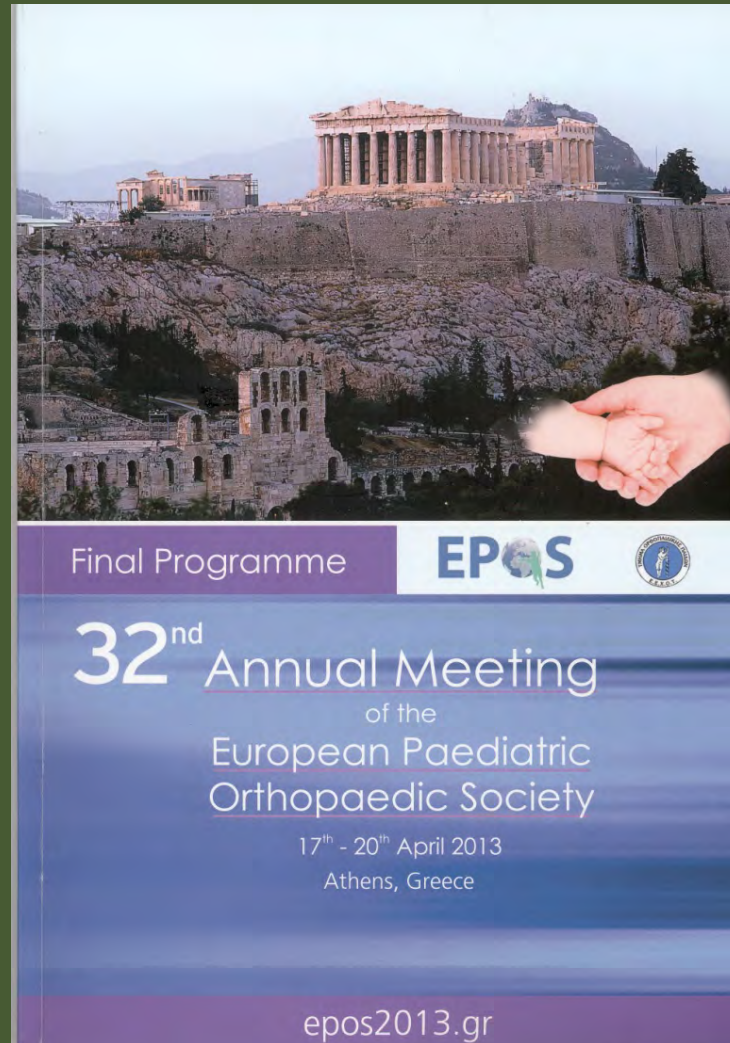
15h00 The Changing Epidemiology of Perthes Disease in Liverpool: An Analysis of 34 Years of Geographic and Temporal Trends.

Daniel Perry, Colin E Bruce, Daniel Pope, Peter Dangerfield, Mary Jane Platt, Andrew J Hall UK

32 nd EPOS meeting Athens, Greece April 17th – 20 th 2013



Congress President
Ioannis (John) Dimitriou



EPOS President
Muharrem Yazici

32 nd EPOS meeting Athens, 2013

EPOS Board 2013



president Muharrem Yazici president elect Deborah Eastwood general secretary Ralph Sackers treasurer Thomas Wirth

32 nd EPOS meeting, Athens, 2013
Scientific committee
Educational committee



Andreas Roposch



Bjarne Moeller-Madsen



Hakan Ömeroglu



Elhanan Bar-On

32 nd 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)
- **John Kyrios,** President of the College of the Greeks Orthopaedic Surgeons (KEOX)
- **Constantinos Malizos,** President of the Hellenic Association of Orthopaedic Surgery and Traumatology (HAOST)
- **Manuel Cassiano Neves,** Vice President of European Federation of National Associations of Orthopaedics and Traumatology (EFORT)
- **Carlo Milani,** President of International Federation of Paediatric Orthopaedic Societies (IFPOS)
- **John (Ioannis) Dimitriou,** President of the Local Organizing Committee
- **Muharrem Yazici,** EPOS President

Official Opening
Opening by Mr. **Yiorgos Kaminis,** Major of Athens

Wednesday, April 17, 2013



Dimitrios Pasparakis



John Kyrios



Constantinos Malizos



Manuel Cassiano Neves



Carlo Milani



John Dimitriou



Muharrem Yazici



Yiorgos Kaminis Major of Athens

32 nd EPOS meeting, Athens 2013

Welcome Reception



Shlomo and Galia Porat, Glyn and Michael Benson



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



William Cole, Mahzad Javid, Laure Cole, Hossein Shahcheraghi



Gérard Bollini Nando de Sanctis

32 nd 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



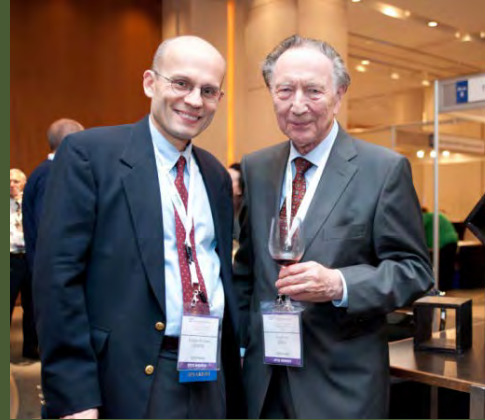
Stephanie Böhm , Eva Bengtsson Moström, Gunnar Hägglund

32 nd EPOS meeting, Athens, 2013

Welcome reception



Carol Hasler, Muharrem Yazici, Reinald Brunner



Walter Strobl, Siegfried Stotz



Dale Blasier, George and Janice Thompson



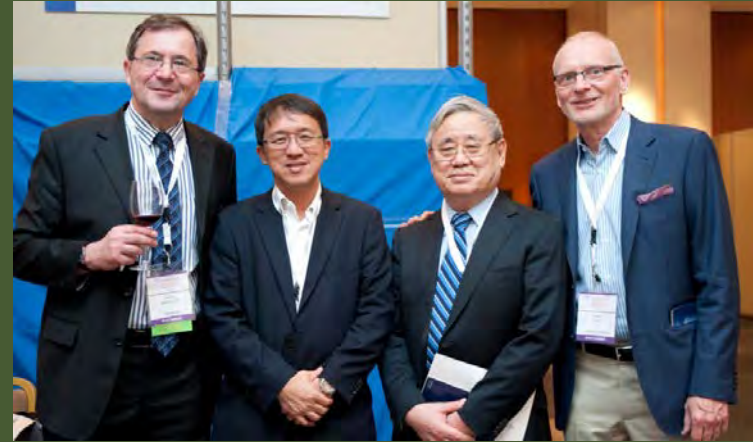
Chakra Dussa, Rachel Buckingham

32 nd EPOS meeting, Athens 2013

Welcome reception



Robert and Livia Elbaum, Nanni Allington, Renaud Rossilon



Darko Anticevic, James Hui, Ken Kuo, Dennis Roy



Ana Presedo, Federico Canavese, Katrin Schelling



Robert Elbaum, Riyad Dakwar



Giovanni di Gennaro, Vito Pavone

32 nd EPOS meeting Athens, 2013

Scientific session Basic science

SESSION I

"Basic Science"

Moderators:

Bjarne Møller-Madsen, Denmark **John (Jack) Flynn, USA**

OP1 "The influence of biodegradable magnesium implants on the growth plate"

(A.C.) **Tanja Kraus**, Stefan Fischerauer, Elisabeth Martinelli, Stefan Treichler, Karin Maria Pichler, Peter Uggowitzer, Annelie Weinberg
Medical University Graz, Graz, Austria

OP2 "Immunological response to biodegradable magnesium implants in vivo"

(A.C.) **Karin Maria Pichler**, Stefan Fischerauer, Peter Ferlic, Elisabeth Martinelli, Hans-Peter Brezinsek, Peter Uggowitzer, Annelie Weinberg
Department of Orthopedic Surgery, Graz, Austria

Discussion

OP3 "Guided femoral rotation growth in an animal model"

(A.C.) **Elhanan Bar-On**, Amir Arami, Amir Herman, Steven Velkes, Snir Heller
Schneider Children's Medical Center, Petach Tikvah, Israel

OP4 "Decreased expression of leptin receptor in ischemic femoral head of diet-induced obese rats"

(A.C.) **Jung Ryul Kim**, Byung-Hyun Park, Kyu Yun Jang
Chonbuk National University, Medical School, Republic of Korea

Discussion

OP5 "Thermal epiphysiodesis using radio frequency ablation, RFA in porcine model"

(A.C.) **Juan Manuel Shiguetomi-Medina**, Ole Rahbek, Hans Støedkilde-Joergensen, Bjarne Møller-Madsen
Department of Children's Orthopaedics, Aarhus, Denmark

OP6 "Effect of physiotherapy in subscapularis muscle in rat model of obstetric brachial plexus palsy"

(A.C.) **Francisco Soldado**, Jorge Knörr, Jorge Roman, Marcelo Cassacia, Cesar Fontecha, Jérôme Sales De Gauzy
Hôpital des Enfants CHU Toulouse, Toulouse, France

Discussion



John Flynn



Bjarne Moeller-Madsen



Tanja Kraus



Karin Maria Pichler



Elahan Bar-On



Juan Shiguetomi



Annelie Weinberg



Francisco Soldado

32 nd EPOS meeting , Athens, 2013

Scientific session DDH

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

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

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

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

Discussion

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

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



Deborah Eastwood



John Dimitriou



Andreas Roposch



Cristina Alves



Pasquale Farsetti



Maurizio de Pellegrin



Peter Cundy



Ismat Ghanem



Francisco Fernandez



Tohru Futami



Terje Terjesen

32 nd EPOS meeting, Athens, 2013

Scientific session Tumors / Metabolic

"Tumors/ Metabolic"

Moderators:

Rüdiger Krauspe, *Germany* Dimitrios Pasparakis, *Greece*

OP12 "Soft Tissue Sarcoma (STS) of Extremities in the growing age: retrospective analysis on orthopaedic treatment"

Cosimo Gigante, Giovanni Cecchetto, Elisa Bassi, Rita Alaggio, Giovanni Scarcello, Gianni Bisogno
Pediatric Orthopaedic Service Padua General Hospital, Padova, Italy

OP13 "Evaluation of pre-operative tumor necrosis by dynamic 3 D angio-MRI analysis. A series of 18 cases of osteosarcoma"

Clotilde Strugarek, Pierre Journeau, Laurence Mainard-Simard, Pierre Lascombes
Children's Hospital, Nancy, France

OP14 "Treatment of the hip in Multiple Hereditary Exostoses (MHE) by safe surgical dislocation"

Dror Paley, Dong Hoon Lee
Paley Advanced Limb Lengthening Institute, West Palm Beach, USA

Discussion

OP15 "Surgical treatment of active, aggressive or recurrent aneurysmal bone cysts in children"

Bülent Erol, Mert Topkar, Omer Sofulu, Emrah Caliskan, Mustafa Asansu
Marmara University, Istanbul, Turkey

OP16 "Cytogenetic translocation associated with locally recurrent aneurysmal bone cyst"

Barry Danino, Guy Rozner, Avi Or, Shlomo Wientroub, Jacob Bickles
Department of Pediatric Orthopaedics, Dana Children's Hospital, Tel-Aviv Sourasky Medical Center, and the Sackler Faculty of Medicine, Tel-Aviv University, Tel-Aviv, Israel



Rüdiger Krauspe



Dimitrios Pasparakis



Cosimo Gigante



Pierre Journeau



Dror Paley



Bülent Erol



Shlomo Wientroub

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Scientific session Foot & Ankle

SESSION IV

"Foot & Ankle"

Moderators:

Rüdiger Krauspe, Germany **Dimitrios Pasparakis, Greece**

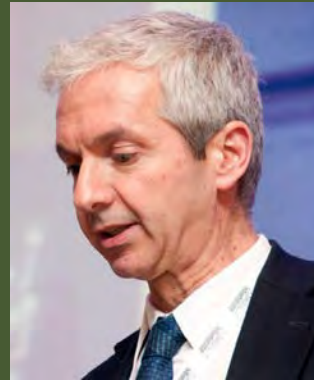
OP17 **"Marker-based foot posture assessment in children with flat feet"**
Timoleon Theologis, Catriona Kerr, Julie Stebbins, Amy Zavatsky
Nuffield Orthopaedic Centre, Oxford, UK

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

Discussion

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

OP20 **"Long-term functional outcomes of resected tarsal coalitions"**
Amir Khoshbin, Peggy Law, Liora Caspi, Derek Stephens, James Wright
SickKids Hospital, Toronto, Canada



Timoleon Theologis



Sandor Roth



Cristina Alves



James Wright

32 nd EPOS meeting, Athens, 2013

Specialized Symposium Clubfoot

SPECIALIZED SYMPOSIUM I

Session I

"A decade after rediscovering of Ponseti : Where are we?"

Chairmen:

Shlomo Wientroub, Israel **John E. Herzenberg, USA**

Speakers:

Shlomo Wientroub, Israel	Introduction
Jose Morcuende, USA	"The Ponseti method – details, tips and tricks"
Oliver Eberhardt, Germany	"Atypical clubfoot"
Stephanie Böhm, Switzerland	"Bracing protocol - new studies - new braces"
Jose Morcuende, USA	"My approach to early recurrence"
John E. Herzenberg, USA	"My approach to late recurrence"
Christophe Raab, Austria	"Evaluation of results and follow-up"
Naomi Davis, UK	"Operated feet and older patients-limits of the Ponseti method"
Yoram Hemo, Israel	"Evidence in the Ponseti method"

Discussion

16.00-16.30

Session II

"Dilemmas/ controversies in clubfoot treatment"

Chairmen:

Christophe Raab, Austria, José Morcuendo, USA

Speakers: **All faculty**

Topics of discussion:

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



José Morcuendo



Christoph Radler



William Mackenzie



Yoram Hemo



Oliver Eberhardt

32 nd EPOS meeting, Athens, 2013

Lunch workshop Rotational deformities

LUNCH WORKSHOP III

“Rotational deformities of the lower limb- Principles and surgical techniques”
“Non-accredited Workshop”
Sponsored by *Orthopaedics*

Moderator: **Rüdiger Krauspe**, *Germany*

Speakers:

Pierre Lascombes, *Switzerland* “Deformity assessment, CORA and principles of correction in the lower limb”

Manoj Ramachandran, *UK* “Rotational osteotomies of the femur and tibia and the miserable malalignment syndrome”

Walter Strobl, *Austria/Germany* “Deformities of the femur and tibia in CP children; assessment, functional relevance and corrective procedures”



Rüdiger Krauspe



Pierre Lascombes



Manoj Ramachandran



Walter Strobl

32 nd EPOS meeting, Athens, 2013

Specialized Symposium Spine deformities

SPECIALIZED SYMPOSIUM II

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

Chairmen:

Antonio Andreacchio, Italy **Jean-Luc Jouve, France**

Speakers:

Antonio Andreacchio, Italy

“Introduction”

Jean Dubousset, France

“Spine deformity: the sunrise of a new age? Something new about epidemiology, classification diagnosis”

William MacKenzie, USA

“Clinical examination: tips and tricks”

Brice Illhareborde, France

“Place of new imaging supports: importance of sagittal balance and 3D reconstruction”

Dietrich Schlenzka, Finland

“Our knowledge in long term follow up with pediatric deviations. Consequences with our daily practice”

Muharrem Yazici, Turkey

“Is brace still up to date? When shift from conservative to surgical treatment ?”

Gérard Bollini, France

“Surgical treatment. Which surgery and which conditions?”

Peter Newton, USA

“Safety in spinal deformity surgery”

Jean-Luc Jouve, France

Discussion

Conclusion



Jean-Luc Jouvé



Antonio Andreacchio



Jean Dubousset



William Mackenzie



Brice Illhareborde



Dietrich Schlenzka



Gérard Bollini

32 nd EPOS meeting, Athens 2013

Scientific session Controversies in adolescent hip surgery

SPECIALIZED SYMPOSIUM III

"Controversies in adolescent hip surgery"

Chairmen:

Andreas Roposch, UK **Thomas Wirth, Germany**

Speakers:

Andreas Roposch, UK

"Welcome and Introduction"

Thomas Wirth, Germany

14.35-15.10

Session I

"The deformed femoral head in healed legg-perthes disease"

John O' Hara, UK

"Does impingement increase the risk for premature arthritis and how should it be treated?"

Klaus Siebenrock, Switzerland

"Is there a role for operative correction of Coxa Magna and femoral head extrusion?"

Questions

15.10-15.40

Session II

"Asymptomatic Hip Dysplasia in adolescence"

Andreas Roposch, UK

"Indication and rationale for osteotomy"

Thomas Wirth, Germany

"Limitations of osteotomy and consideration of alternative options"

Questions

15.40-16.30

Session III

"Does slipped capital femoral epiphysis always lead to impingement and do we need to treat any mild impingement-prone deformity?"

Gunnar Häggglund, Sweden

"Possibilities and limitations of spontaneous remodelling in SCFE"

Ernest Sink, USA

"Rationale and indication for corrective surgery in hips with residual deformity"

Questions & Cases



Andreas Roposch



Thomas Wirth



Klaus Siebenrock



John O'Hara



Gunnar Häggglund



Ernest Sink

32 nd EPOS meeting, Athens, 2013

Scientific session Hip / Lower Extremity

Moderators:

Ralph Sakkers, *The Netherlands* Hakan Ömeroğlu, *Turkey*

"Modified imhauser osteotomy with an open femoral neck osteoplast - a case series"

Navi Bali, James Harrison, Cristopher Edward Bache
Birmingham Childrens Hospital, Birmingham, UK

"Subcapital re-alignment procedure for severe SCFE with intra-operative monitoring of femoral head perfusion and post-operative bone scan: 45 consecutive cases"

Oliver Birke, Kyle James, Paul Gibbons, David Little
The Children's Hospital at Westmead, Sydney, Australia

"Treatment of severe slipped capital femoral epiphysis via the Ganz surgical hip dislocation and anatomical reduction. A prospective study of 28 consecutive patients"

Anthony P. Cooper, James Fernandes, Geraint Davies, Sanjeev Madan
Sheffield Children's Hospital, Sheffield, UK

"Estimation of the recovery of physiologic genu varum with linear mixed model"

Moon Seok Park, Kyoung Min Lee, Ki Hyuk Sung, Seung Yeol Lee, Young Choi, Bekhzad Akhmedov, Sang Hyeong Lee, Dae Gyu Kwon, In Ho Choi, Tae-Joon Cho, Won Joon Yoo, Chin Youb Chung
Seoul National University Bundang Hospital, Seoul, South Korea

"The relationship between angular knee deformity and degenerative disease of the hip and knee"

Raymond Weiwen Liu, Jonathan Streit, Colin Lasko, Ademola Ajuwon, Daniel Cooperman
Case Western Reserve University, Cleveland, USA

Discussion:

"Can BMP2 combined with the SUPERhip procedure lead to ossification of the unossified femoral neck and lower recurrence of coxa vara in severe congenital femoral deficiency?"

Dror Paley, Matthew Harris, Catharina Chiari
Paley Advanced Limb Lengthening Institute, West Palm Beach, USA

"Comparison of outcomes and complications of hip arthroscopy for mixed hip disorders between adolescents and adults: a prospective cohort study"

Manoj Ramachandran, Pramod Achan, Martin Gottliebssen, Bjarne Møller-Madsen
The Royal London and St Bartholomew's Hospitals, Barts Health NHS Trust, London, UK



Ralph Sakkers



Hakan Ömeroğlu



Edward Bache



Oliver Birke



Anthony Cooper



Moon Seok Park



Raymond Weiwen Liu



Dror Paley



Manoj Ramachandran

32 nd EPOS meeting, Athens, 2013

Scientific session Legg-Calvé-Perthes

Moderators:

Franck Accadbled, *France* Elhanan Bar-On, *Israel*

OP28 (A.C.) **“Early dysplastic acetabular changes have a prognostic significance in Legg-Calvé-Perthes Disease”**

Stefan Huhnstock, Svein Svenningsen, Are Hugo Pripp, Terje Terjesen, Ola Wiig
Oslo University Hospital, Oslo, Norway

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

Discussion

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

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

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



Elhanan Bar-On



Franck Accadbled



Stefan Huhnstock



Won Joon Yoo



Vito Potenza



Anthony Stans

32 nd EPOS meeting, Athens 2013

Scientific session Clubfoot

"Clubfoot"

Moderators:

Gaetano Pagnotta, *Italy* Marek Synder, *Poland*

"A prospective determination of environmental factors associated with Clubfoot"

Emily Dodwell, Petter Risoe, James Wright
Hospital for Special Surgery, New York, USA

"A MRI volumetric study for leg muscles in congenital clubfoot"

Pasquale Farsetti, Fernando De Maio, Massimiliano Dragoni,
Vito Potenza, Ernesto Ippolito
University of Rome Tor Vergata, Rome, Italy

"Club foot family history – effects on severity, treatment, and outcome"

Yoram Hemo, Lior Shabtai, Eitan Segev, Ariella Yavor, Shlomo Wientroub
Dana Children's Hospital, Tel Aviv, Israel

Discussion

"The predictive value of feet radiology on the need for additional surgery and functional outcome in clubfeet treated according to Ponseti protocol"

Eitan Segev, Lior Shabtai, Ariella Yavor, Shlomo Wientroub, Yoram Hemo
Dana Children's Hospital, Orthopaedic Department, Tel Aviv, Israel



Gaetano Pagnotta



Marek Synder



Emily Dodwell



Pasquale Farsetti



Yoram Hemo



Eitan Segev

32 nd 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

Discussion

"Results and evolution of the Ponseti Method in 400 consecutive patients with idiopathic clubfoot"

Anna Ey Batlle, Paula Minguez, Imma Vilalta, Melisa Stitzman, Norberto Ventura
Hospital Sant Joan de Déu, Barcelona, Spain

"Ponseti Protocol for idiopathic club feet: Predictors for success or failure"

Lior Shabtai, Yoram Hemo, Eitan Segev, Ariella Yavor, Sholomo Wientroub
Dana Children's Hospital, Tel Aviv, Israel

"The Prognosis Based Score (PBS) – A clinical assessment tool for the recurrent clubfoot"

Shafique Pirani, Stephanie Böhm, Marc Sinclair, Richard Mathias, Kerstin Bosch, Dieter Rosenbaum, Edward Naddumba
University of British Columbia, Vancouver, Canada

"Long-term retrospective review of idiopathic clubfoot treated with posterior medial-lateral release"

Luciano S. Dias, Lawrence Hsu, Vineeta Swaroop
Rehabilitation Institute of Chicago/Children's Memorial Hospital, Chicago, USA

"How the Ponseti idea has influenced the treatment of arthrogryposis clubfeet?"

Bartłomiej Kowalczyk, Tadeusz Lejman, Jaroslaw Felus
University Children's Hospital of Krakow, Krakow, Poland

"Atypical Clubfoot- treatment challenges and solutions. A ten years experience"

Miroslav Zhivkov
University Hospital "Saint Anna", Sofia, Bulgaria



Yael Gelfer



Anna Ey Batlle



Stephanie Böhm



Luciano Dias



Bartłomiej Kowalczyk



Miroslav Zhivkov

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

32 nd EPOS meeting Athens, 2013

Scientific session Limb reconstruction

SESSION VIII

"Upper extremity/Limb reconstruction I"

Moderators:

Moderators:

Jiri Chomiak, Czech Republic



Jiri Chomiak



Francisco Soldado

5 "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

6 "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

7 "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

8 "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



Svetlana Trofimova



Giovanni di Gennaro



Dimitri Popkov

32 nd EPOS meeting Athens, 2013

Scientific session Limb reconstruction

“Limb lengthening by remote controlled magnetical nail”

Micha Langendoerfer, Oliver Eberhardt, Thomas Wirth
Olgahospital, Stuttgart, Germany

Discussion

“Knee subluxation in lower limb lengthening”

Gamal Ahmed Hosny
Benha Faculty of Medicine, Benha, Egypt



Micha Langendörfer Gamal Ahmed Hosny

“Limb lengthening by remote controlled magnetical nail”

Micha Langendoerfer, 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

32 nd EPOS meeting Athens, 2013

Scientific session Spine I

"Spine I"

Moderators:

Renaud Rossillon, Belgium

3 "Convex instrumented hemiepiphysiodesis 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

4 "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, Palidoro, Rome, Italy

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

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

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



Renaud Rossillon



Leonardo Oggiano



Christophe Vidal



Kariman Abelin Genevois



Ali Karatas Fuat

32 nd EPOS meeting Athens, 2013

Scientific session Spine II

"Spine II"

Moderators:

Muharrem Yazici, Turkey **Carol Hasler**, Switzerland

OP59 "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

OP60 "Effects of growing instrumentation on endothoracic deformity in early-onset scoliosis utilizing the spinal penetration index"
Charles E Johnston, Ryan Muchow, Anna McClung
Texas Scottish Rite Hospital for Children, Dallas, USA

OP61 "Repeat expansions of growth retaining implants for early onset spine deformities lead to increasing bacterial colonization"
Carol Hasler, Andrej Trampuz, Daniel Studer, Christian Plaass
University Children's Hospital, Basel, Switzerland

Discussion

OP62 "Cervical lordosis in fetal spine : fake or reality?"
Elie Choufani, Jean Luc Jouve, Vincent Pomeroy, Gérard Bollini, Kathia Chaumoitre, Michel Panuel
Timone Children Hospital of Marseille, Marseille, France

OP63 "Rigid internal fixation for occipito-cervical arthrodesis in young children A retrospective study in 14 patients"
Thierry Odent, Rony Boughosn, Jean-Paul Padovani, Michel Zerah, Christophe Glorion
Université Paris Descartes - Sorbonne Paris Cité - Service d'Orthopédie pédiatrique - Hôpital Necker - Enfants Malades, Paris, France

Discussion

OP64 "Assessment of curve flexibility in adolescent idiopathic scoliosis using EOS stereoradiography"
Caroline Hirsch, Brice Ilharreborde, Alain Tanguy, Keyvan Mazda
Pediatric Orthopedic Department, Robert Debré Hospital, APHP, Université Paris Diderot, Paris, France

OP65 "Outcomes of bracing in juvenile idiopathic scoliosis until skeletal maturity or surgery"
Amir Khoshbin, Liora Caspi, Sandra Donaldson, Derek Stephens, Trevor Da Silva, Catherine Bradley, James Wright
SickKids Hospital, Toronto, Canada



Muharrem Yazici



Carol Hasler



Thierry Odent



Elie Choufani



Caroline Hirsch



James Wright

32 nd EPOS meeting, Athens, 2013

Scientific programm Neuromuscular/CP

Neuromuscular/ Cerebral palsy

Moderation

Jaroslav Czubak Poland Deborah Eastwood United Kingdom

"Kyphectomy in children with Myelomeningocele"

Hakan Basar, Mustafa Erkan Inanmaz, Hacı Bayram Tosun, Cengiz Isik, Kamil Cagri Kose
Sakarya University, Sakarya, Turkey

"Long-term functional outcomes of operative vs. non-operative spina bifida scoliosis"

Amir Khoshbin, Lilian Wong, Peggy Law, Liora Caspi, Derek Stephens, James Wright
SickKids Hospital, Toronto, Canada

Discussion

"Combined medical and lateral hamstring versus isolated medial hamstring lengthening surgery"

Enda Gerard Kelly, Michael Walsh, Damien Kiernan, Rory O'Sullivan, Timothy O'Brien
Central Remedial Clinic, Dublin, Ireland

"Crouch gait changes after planovalgus foot deformity correction in ambulatory children with cerebral palsy"

Muayad Kadhim, Freeman Miller, Laurens Holmes
Nemours, Alfred I duPont Hospital for Children, Willmington, 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



Jaroslav Czubak



Deborah Eastwood



Hakan Basar



Enda Gerard Kelly



Freeman Miller



Line Pedersen Kjeldgaard



Ana Presedo

32 nd EPOS meeting, Athens, 2013

Scientific session Trauma / Sport injuries

SESSION XI

"Trauma/Sport Injuries"

Moderators:

Pierre Lascombes, *Switzerland* Manuel Cassiano-Neves, *Portugal*

OP66 "Home pain management practices in children following extremity fractures. Is intervention useful?"
Omer Or, Yaffa Zisk, Naum Simanovsky, Vladimir Goldman, Avi Panski, Ron Lamdan
Hadassah Hebrew University Medical Center, Jerusalem, Israel

OP67 "Percutaneous pin removal in children in the outpatient setting - is analgesia necessary?"
(A.C.)
Kevin Lim Boon Leong, Sara Tan, Sharifah Nazrah Syed Abdullah, Ling Ling Ong, Mee Leng Wong
KK Women's & Children's Hospital, Singapore, Singapore

Discussion

OP68 "Post-traumatic forearm nonunion in children"
Giovanni Di Gennaro, Alessandro Martinelli, Costantina Racano, Marina Magnani, Onofrio Donzelli
Istituto Ortopedico Rizzoli, Bologna, Italy

OP69 "A novel treatment for osteochondritis dissecans of the knee: Introducing the "doorstop phenomenon"
Carlo Camathias, Erich Rutz, Reinald Brunner, Mark Gaston
University Children's Hospital Basel, Switzerland



Pierre Lascombes



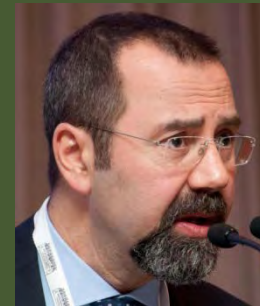
Manuel Cassiano Neves



Omer Or



Kevin Lim Boon Leong



Giovanni di Gennaro



Carlo Camathias

32 nd EPOS meeting, Athens 2013 Presidential Dinner



Aleksandra and Marek Synder



Manuel Cassiano Neves, Shlomo Wientroub



Fritz Hefti, Carol Hasler



Dennis Roy, Jiri Chomiak

32 nd 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

32 nd EPOS meeting, Athens, 2013 Presidential Dinner



Deborah Eastwood John Dimitriou



Klaus Siebenrock, Andreas Roposch



Christoph Radler, Cristina Alves



Terje Terjesen, Jarek Czubak

32 nd 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 Goertler Krauspe

32nd EPOS meeting Athens, 2013
Pro Maximis Meritis
Alain Dimeglio, Montpellier, France



Honour speech
Federico
Canavese



Muharrem Yazici Alain Dimeglio



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

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



singers / entertainers



André Kaelin, Ken Kuo, Freeman Miller



Nanni Allington, Judith and Richard Bowen



Manuel Cassiano Neves, Irene Goertler Krauspe

32 nd EPOS meeting, Athens, 2013 Gala Dinner at Zapeion



Muharrem Yazici John Dimiriou



Greek-Turkish Sirtaki



Belgian-German-French-Danish-Polish Round Dance

32 nd EPOS meeting, Athens, 2013 Gala Dinner at Zapeion



William and Martha Mackenzie



Ivan Krajbich and Diane Holmes



Alain and Valerie Dimeglio



Charly Johnston, Ernest Sink

33 rd 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

32 nd EPOS meeting, Athens, 2013 EPOS Foundation Acropolis Charity Run



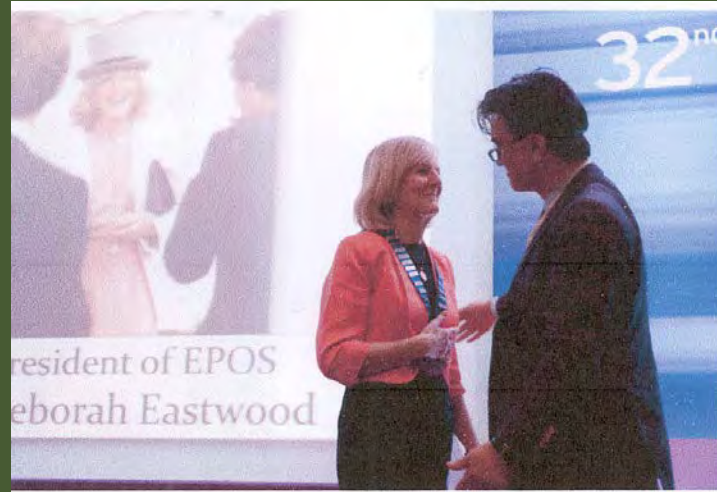
58 charity runners

32 nd 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

33 rd EPOS meeting Bruges, Belgium April 2nd – 5th 2014



**Frank
Plasschaert**



**Renaud
Rossillon**

Congress chairmen,



**Nanni
Allington**

Congress chairwoman

The image shows the cover of the program for the 33rd Annual Meeting of the European Paediatric Orthopaedic Society (EPOS) in Bruges, Belgium, from April 2nd to 5th, 2014. The cover features a blue background with the word 'PROGRAMME' in a small white box at the top right. The main title is '33rd Annual Meeting of the European Paediatric Orthopaedic Society' in white text. Below the title is a photograph of the Bruges city square at dusk, with the Belfry tower illuminated. The EPOS logo, which includes a globe and the text 'European Paediatric Orthopaedic Society', is positioned to the right of a photograph of a young child's face. At the bottom, the text reads 'Bruges Belgium 2nd-5th April 2014' and the website addresses 'www.epos.org | www.epos2014.be'.



**Deborah
Eastwood**

EPOS president

33 rd EPOS meeting Bruges, 2014

EPOS Executive Board

33rd EPOS Annual Meeting

Preliminary Programme

Wednesday 02/04/2014

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

Thursday 03/04/2014

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

Friday 04/04/2014

- 08:00-18:30 **Scientific Sessions**
- 20:00-23:00 **Gala Dinner**

Saturday 05/04/2014

- 08:30-12:15 **Scientific Sessions**
- 12:30-13:00 **Closing Ceremony**



Bruges in relation to Brussels

EPOS Executive Board

President	Deborah Eastwood	UNITED KINGDOM
1st Vice-President	Pierre Lascombes	SWITZERLAND
2nd Vice-President	Bjarne Møller-Madsen	DENMARK
Past President	Muharrem Yazici	TURKEY
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Treasurer	Thomas Wirth	GERMANY
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Nomination Committee	Tomas Epeldegui	SPAIN
Reading Committee	Darko Anticevic	CROATIA
Scientific Committee	Andreas Roposch	UNITED KINGDOM
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EPOS News	Ivan Hvid	DENMARK
JCO	Fritz Hefti Shlomo Wientroub	SWITZERLAND ISRAEL
EFORT Representative	Rüdiger Krauspe	GERMANY
UEMS Representative	Rüdiger Krauspe	GERMANY
IFPOS Representative	Nando de Sanctis	ITALY

EPOS Local Organising Committee

Nanni Allington
Frank Plasschaert
Renaud Rossillon

33 rd EPOS meeting Bruges, 2014

BAT Advanced Course

Session 1:

Synopsis of imaging techniques for the paediatric musculoskeletal system

Moderator: Karen Rosendahl, Bergen, Norway

- 08:30 - 08:45 Is plain radiography still the primary imaging method?
What new techniques are available?
Karen Rosendahl, Bergen, Norway
- 08:45 - 08:55 Does EOS meet our expectations in daily clinical practice?
An orthopaedic point of view
Keyvan Mazda, 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 Pospischill, Vienna, Austria
- 09:20 - 09:50 DXA, bone SPECT/CT & PET/CT of the paediatric musculoskeletal system
Tim Van den Wyngaert, Edegem, Belgium
- 09:50 - 10:00 CT imaging: is there still a role?
Karen Rosendahl, Bergen, Norway
- 10:00 - 10:20 MRI and MR-Arthrography: what information can we gain?
Ustun Aydingoz, Ankara, Turkey
- 10:20 - 10:35 Biochemical sensitive MRI of cartilage
Rüdiger Krauspe (Christoph Zilkens, 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 Aydingoz, Ankara, Turkey
- 11:55 - 12:05 How to use the C-arm or O-arm imaging systems in the operating theatre?
Pierre Journeau (Laurence Mainard-Simard), Nancy, France
- 12:05 - 12:20 Radiation exposure: issues of concern for the radiologist and for the patient
Karen Rosendahl, Bergen, Norway
- 12:20 - 12:35 Is there a tendency to use imaging unnecessarily in daily practice?
What are the costs and can we prevent them?
Ustun Aydingoz, Ankara, Turkey
- 12:35 - 12:55 Discussion
- 12:55 - 13:00 Closing remarks
Hakan Omeroglu, Eskisehir, Turkey

33 rd 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?
Valerie 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 |

33 rd EPOS meeting Bruges, 2014 Welcome reception at the Belfry April 2nd



The Belfry (Belfort van Brugge)



33 rd EPOS meeting Bruges, 2014

Welcome reception at the Belfry April 2nd



President Deborah Eastwood Frank Plasschaert



Nanni Allington Renaud Rossillon



Nick Clarke, Muharrem Yazici, Peter Newton

33 rd EPOS meeting Bruges, 2014

Welcome reception at the Belfry April 2nd



Magicien and music man Reinier Sijpkens



Deborah Eastwood Frank Plasschaert



Frank Plasschaert



Irene and Ismat Ghanem Gerard Bollini

33 rd EPOS meeting Bruges, 2014

Welcome reception at the Belfry April 2nd



Ivan Hvid, Edel and Klaus Parsch



Andrzej Sionek, Marek Synder



Michael Benson Mario Lampropulos

33 rd EPOS meeting Bruges, 2014 Concert Hall Auditorium Scientific program



33 rd EPOS meeting Bruges, 2014

Scientific programme April 3rd

Clinical Science - Prize Papers

Moderators:

Thomas Wirth, Stuttgart, Germany

Andreas Roposch, London, UK

OP7 / 09:00 - 09:10

Supracondylar fractures with isolated anterior interosseous nerve injuries: are they urgent cases?

Kody K. Barrett¹, David L Skaggs¹, Jeffrey R. Sawyer², Lindsay Andras¹, Alice Moisan², Christine Goodbody³, 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 Farhang¹, Ronak Desai¹, John H Wilber¹, Daniel R Cooperman², Raymond W Liu¹

1. Case Western Reserve University, Cleveland, United States

2. Yale University School of Medicine, New Haven, United States

OP9 / 09:20 - 09:30

Predictive significance of baclofen test for GMFCS level 3-4 children with cerebral palsy before selective dorsal rhizotomy

Vladimir Kenis

The Turner Institute For Children's Orthopaedics, Saint-Petersburg, Russia

OP10 / 09:30 - 09:40

The Ponseti method is superior to surgical treatment in idiopathic clubfoot – prospective randomized long-term trial

Martin Švehlík, Gehardt 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 Choufani, Gerard Bollini, Jean-Luc Jouve

Aix-Marseille University, Marseille, France

OP12 / 09:50 - 10:00

Characterisation of hip morphology in children with Mucopolysaccharidosis Type 1/2

Markus Baker, Elizabeth Ashby, Deborah Eastwood

Great Ormond Street for Children, London, United Kingdom

33 rd 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-Ryong Song
Korea University Rare Diseases Institute, Seoul, Korea

OP54 / 11:30 - 11:40

Is there a correlation between the interscrew angle and the joint orientation angles after hemiepiphysiodesis with the Eight plate?

Salih Marangoz¹, Kadir Buyukdogan¹, Sevilay Karahan²
1. Hacettepe University, Faculty of Medicine, Department of Orthopaedic Surgery, Ankara, Turkey
2. Hacettepe University, Faculty of Medicine, Department of Biostatistics, Ankara, Turkey

OP55 / 11:40 - 11:50

Femoral Lengthening with a motorized intramedullary nail - A matched pair comparison with Ilizarov external lengthening

Joachim Horn, Harald Steen
Oslo University Hospital, Rikshospitalet, Oslo, Norway

OP56 / 11:50 - 12:00

Congenital absent tibia

Gamal Ahmed Hosny
Benha Faculty of medicine, Cairo, Egypt

OP57 / 12:00 - 12:10

How precise is the PRECISE® - a comparison between a new magnetic external motorized controlled lengthening device, and the not-available-anymore mechanical ISKD® - some implant associated problems are resolved, other problems are new

Frank M Schiedel
Muenster University Hospital, Muenster, Germany

OP58 / 12:10 - 12:20

Treatment of adolescent Blount's disease using a Taylor Spatial Frame with and without fibular osteotomy: Is there any difference?

Ofer Zaks, Alexander Katzman, Mark Eidelman
Rambam Hospital, Haifa, Israel

OP59 / 12:20 - 12:30

Tibial hemimelia rarely needs amputation

Mahzad Javid, Gholam Hossain Shahcheraghi
Namazee hospital, Shiraz, Iran

33 rd EPOS meeting Bruges, 2014

Scientific programme April 5th

Upper Extremity Trauma & Tumors

Moderators:

Nanni Allington, Liège, Belgium

Hakan Omeroglu, Eskisehir, Turkey

OP74 / 11:25 - 11:35

The effect of social deprivation on paediatric fractures

Rishikesan Ramaesh, Nick Clements, Louise Rennie, Mark S Gaston
Royal Hospital for Sick Children, Edinburgh, United Kingdom

OP75 / 11:35 - 11:45

Remodeling of severe residual angulation of distal radius fractures in children: quantitative data on the speed of remodeling.

Kimberly Jeroense, Fleur Joor, Christien Sleenboom, 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 L 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, Antoine Samba¹, Bruno Pereira²
1. Department of Pediatric Surgery, CHU Estaing, Clermont Ferrand, France
2. Biostatistics unit, DRCL. 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 Scholtes¹, John Ham¹, Konrad Mader²
1. Onze Lieve Vrouwe Gasthuis, Amsterdam, The Netherlands
2. Sentralsykehuset, FøRde, Norway

33 rd EPOS meeting Bruges, 2014

Guests from all over the world



George Thompson

Peter Armstrong



Freeman Miller



Michael Sussman

33 rd 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

33 rd 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 Dungal, Gérard Bollini, Tomas Epeldegui

33 rd EPOS meeting Bruges, 2014
Presidential Guest Lecture
Muharrem Yazici, Ankara, Turkey



“Paediatric Orthopaedics: A bridge between countries, cultures and continents“

33 rd EPOS meeting Bruges

Presidential Guest Lecture

PRESIDENTIAL GUEST LECTURE



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



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

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

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

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

33 rd EPOS meeting Bruges, 2014
Gala Dinner Provincial Hof April 4th



Provincial Hof

33 rd 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

33 rd EPOS meeting Bruges, 2014
Pro maximis meritis
Shlomo Wientroub Tel Aviv, Israel



Shlomo Wientroub



Shlomo Wientroub,

Deborah Eastwood, honour speech: Franz Grill

33 rd EPOS meeting Bruges, 2014
Pro maximis meritis
Fritz Hefti Basel, Switzerland



Fritz Hefti



Fritz Hefti

Deborah Eastwood

Rüdiger Krauspe

33 rd EPOS meeting Bruges, 2014 EPOS Foundation Charity Run



André Kaelin EPOS Foundation
Frank Plasschaert, Renaud Rossillon



Saturday April 5th 7:45 a.m.



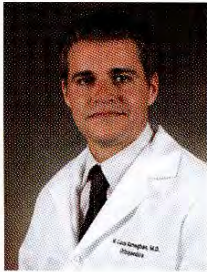
EPOS Foundation logo

33 rd EPOS meeting Bruges, 2014

POSNA Fellows visiting Europe 2014



Matthew Halanski



Michael Lucas Murnaghan



M Wade Shrader

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!

33 rd EPOS meeting Bruges

Predrag Klisic Best Basic Science Paper 2014



Darko Anticevic

Hanspeter Huber

Deborah Eastwood

OP17 / 11:10 - 11:20

Age-dependent normal values for bony, cartilaginous and labral coverage in the pediatric hip measured on MRI

Hanspeter Huber¹, Laurence Mainard-Simard², Pierre Lascombes³, Jean-Baptiste Meyer², Renaud Fay², Pierre Journeau²

1. University Children's Hospital, Zurich, Switzerland

2. Children's Hospital of Nancy, Nancy, France

3. Division of Pediatric Orthopaedics, University of Geneva, Geneva, Switzerland

33 rd EPOS meeting Bruges, 2014

John Sharrard Best Clinical Science Paper 2014



Elizabeth Ashby

Deborah Eastwood

OP12 / 09:50 - 10:00

Characterisation of hip morphology in children with Mucopolysaccharidosis Type 1/2

Markus Baker, Elizabeth Ashby, Deborah Eastwood

Great Ormond Street for Children, London, United Kingdom

33 rd EPOS meeting Bruges, 2014 Jürgen Baumann Best poster 2014



Deborah Eastwood Camille Thevenin-Lemoine

PP19 Reconstruction using induced membrane technique after segmental bone resection of primitive malignant bone tumours in children

Camille Thevenin-Lemoine, Pierre Mary, Manon Bachy, Franck Fitoussi, Raphael Vialle
Hôpital Trousseau, Paris, France

33 rd EPOS meeting Bruges, 2014
Presidential Transfer
Deborah Eastwood to Pierre Lascombes



Pierre Lascombes

Deborah Eastwood

34 th EPOS meeting Marseille, France April 15th – 18th 2015



local host
Gérard Bollini



local host
Jean Luc Jouve

The poster features three circular images: a night view of a coastal city with a lighthouse, a tropical beach with turquoise water, and a harbor with many sailboats. The text on the poster reads: "34th EPOS Annual Meeting Marseille | France April 15th – 18th 2015". At the bottom right is the EPOS logo, which includes a globe and the text "EPOS European Paediatric Orthopaedic Society". A vertical column of colorful circles (grey, yellow, green, blue, red, grey, black) is on the right side of the poster.

EPOS president:
Pierre Lascombes

34 th EPOS meeting Marseille, 2015

President's Welcome Message

President's Welcome Message



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 compliments our scientific programme: historic venues and new ideas. In 2015, EPOS invite IFPOS for a scientific and social common activities.

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

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

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

I do hope that you find the science stimulating and the meeting enjoyable!
With best wishes,

A handwritten signature in black ink that reads "Pierre Lascombes". The signature is written in a cursive, slightly slanted style.

Pierre Lascombes

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



Marseille overlooked by Nôtre Dame de la Garde



“Le Viex Port“ “Old Harbour“



Harbour

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



Le Pharo Congress Center



IFPOS president Ken Kuo, EPOS president Pierre Lascombes

34 th EPOS meeting Marseille, 2015

EPOS IFPOS Combined meeting

Humanitarian Effort in Pediatric Orthopaedics

EPOS IFPOS Combined meeting Humanitarian Effort in Paediatric Orthopaedics		Part II: Specific Paediatric Skeletal Muscular Conditions	
08:30 - 08:40		Moderators: William Mackenzie, Wilmington, Delaware, United States Ashok Johari, Mumbai, India	
Opening remarks Ken N. Kuo, Taipei, Taiwan Pierre Lascombes, Geneva, Switzerland		10:40 - 10:50	Bone and joint infections Judy Agular, Manila, Philippines
08:40 - 10:10		10:50 - 11:00	Pott's disease André Kaelin, Geneva, Switzerland
Part I: Organization Moderators: Gerard Bollini, Marseille, France André Kaelin, Geneva, Switzerland		11:00 - 11:10	Poliomyelitis Benjamin Joseph, Manipal, India
08:40 - 09:00	What do we expect from you, point of view a charitable organization? Bernard Sabrier, Geneva, Switzerland	11:10 - 11:20	Pediatric Orthopedic Trauma: overview and challenges Jamil F. Soni, Paraná, Brazil
09:00 - 09:20	Médicins du Monde Bernard Granjon, Marseille, France	11:20 - 11:30	Discussion
09:20 - 09:30	POSNA, COUR and Beyond Sanjeev Sabharwal, New Jersey, USA	11:30 - 11:40	Humanitarian Effort in Paediatric Orthopaedics Shafique Pirani, Vancouver, Canada
09:30 - 09:40	Deleterious effects of a long term humanitary action Jean-Luc Jouve, Marseille, France	11:40 - 11:50	DDH: Surgical treatment after walking age Maher Ben Ghachem, La Soukra, Tunisia
09:40 - 09:50	The challenges of teaching pediatric orthopedics in developing countries Pablo Castañeda, Mexico City, Mexico	11:50 - 12:00	Myanmar experience scoliosis Jérôme Sales de Gauzy, Toulouse Cedex, France
09:50 - 10:00	Pediatric Orthopedic Needs and Response in Disasters Elhanan Bar-On, Petah Tikva, Israel	12:00 - 12:10	What do we expect from you as recipient? Saw Aik, Kuala Lumpur, Malaysia
10:00 - 10:10	Discussion	12:10 - 12:20	Discussion
		12:20 - 12:30	Wrap-up, conclusion Pierre Lascombes, Genève, Switzerland, Ken N. Kuo, Taipei, Taiwan

34 th EPOS meeting Marseille, 2015

Premeeting EPOS advanced course

Pre Meeting EPOS Advanced Course

Moderators:

Manuel Cassiano-Neves, Lisboa, Portugal
Dror Paley, West Palm Beach, Florida, United States

Progress in long bone corrections and long leg lengthening

13:30 - 13:35	Opening remarks Pierre Lascombes, Geneva, Switzerland, Hakan Omeroglu, Eskisehir, Turkey
13:35 - 14:15	Growth Modulation
13:35 - 13:45	Mechanism and reversibility of modulation (basic science) Bjarne Møller-Madsen, Aarhus C, Denmark
13:45 - 13:55	Limits of corrections (growth modulation versus lengthening procedures) Peter Stevens, Salt Lake City, United States
13:55 - 14:05	Perspective of 2D - 3D corrections Elhanan Bar On, Petah Tikva, Israel
14:05 - 14:15	Discussion
14:15 - 14:25	<i>1. Bone lengthening procedures: biology</i>
14:15 - 14:25	Biology of lengthening - growth factors - stem cells - platelets Ivan Hvid, Oslo, Norway
14:25 - 15:15	<i>2. Bone lengthening procedures: techniques</i>
14:25 - 14:35	Updates in computerized deformity evaluation and preoperative planning Eitan Segev, Tel Aviv, Israel
14:35 - 14:45	Hexapodal fixators: indications for pins versus K wires, and olives Micha Langendorfer, Stuttgart, Germany
14:45 - 14:55	The role of flexible intramedullary nails in bone lengthening Dimitri Popkov, Kurgan, Russia
14:55 - 15:05	Intramedullary lengthening nails: can we also correct deformities? Andreas Krieg, Basel, Switzerland
15:05 - 15:15	Discussion

15:15 - 15:55 *3. Bone lengthening: specific indications*

15:15 - 15:25 Bridging joints, soft tissue releases, physiotherapy
Franck Launay, Marseille, France

15:25 - 15:35 Unstable knee
Rudolf Ganger, Vienna, Austria

15:35 - 15:45 Treatment of foot deformities in tibia hemimelia
Dror Paley, West Palm Beach, Florida, United States

Pre Meeting EPOS Arwessel Course

Moderators:

Franz Grill, Wien, Austria
Pierre Lascombes, Geneva, Switzerland

16:25 - 16:35 Lengthening of the humerus: management of proximal humeral
Gamal Hosny, Cairo, Egypt

16:35 - 16:45 Forearm lengthening: management of elbow and wrist
Franck Launay, Marseille, France

16:45 - 16:55 Achondroplasia: limits of bilateral lengthening procedures
Robert Roedl, Münster, Germany

16:55 - 17:05 Cosmetic lengthening: what are the indications?
Dror Paley, West Palm Beach, Florida, United States

17:05 - 17:15 Cosmetic lengthening: what are the limits?
Francesco Guerreschi, Grosseto, Italy

17:15 - 17:25 Discussion

17:25 - 17:55 *4. Complications and long term follow up*

17:25 - 17:35 Pin site infection to osteomyelitis: from prevention to treatment
Dimitri Ceroni, Geneva, Switzerland

17:35 - 17:45 Growth after lengthening procedures
Pierre Journeau, Vandoeuvre Lès Nancy, France

17:45 - 17:55 Indications for amputation or rotation plasty
Ralph Sakkers, Utrecht, The Netherlands

17:55 - 18:05 *5. Perspective: growth, genetics, and medical treatments*
Deborah Eastwood, London, United Kingdom

18:05 - 18:15 Discussion

18:15 - 18:30 Conclusion

34 th EPOS meeting Marseille, 2015

Welcome reception April 15th



G rard Bollini, Muharrem Yazici



Andrea Micaglo, Giampaolo Trivella



Late afternoon view from Palais du Pharo guests flocking in for reception

34 th EPOS meeting Marseille, 2015

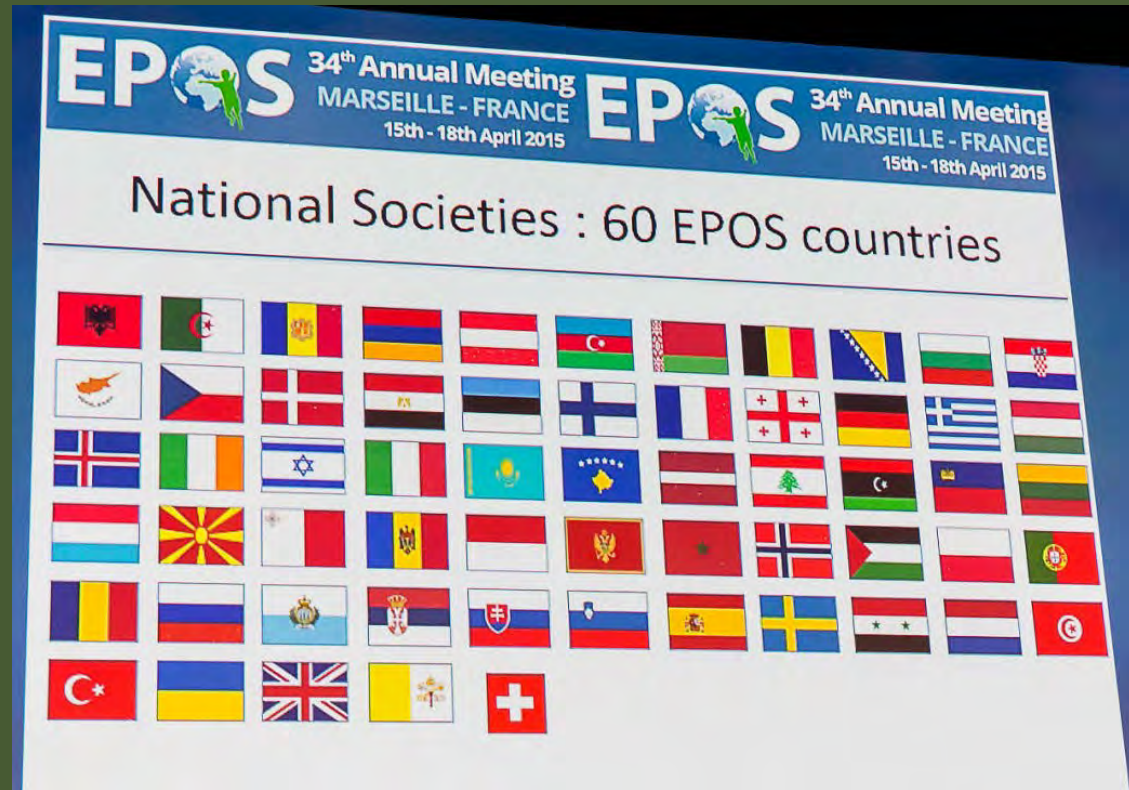
Welcome ceremony April 15th



Gérard Bollini



Elke Viehweger



National societies of 60 EPOS countries

34 th 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

34 th 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

34 th 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



Gregory Mencio



Gregory Mencio POSNA President 2015 greeting EPOS/IFPOS

34 th 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

34 th EPOS meeting Marseille, 2015

Welcome reception April 15th



Andrea Borgo Italy, Federico Canavese France, Igor Smigovec Croatia,
Vito Pavone Italy, Neritan Borici Albania, Cosimo Gigante, Italy

34 th EPOS meeting Marseille, 2015 Presidential Dinner at the PERON April 16th



34 th 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

34 th EPOS meeting Marseille, 2015 Presidential Dinner at the PERON April 16th



Michael Sussman Shlomo Wientroub



Gregory Mencio, Deborah Eastwood, Lori Karol



Ignacio Sampera, Thomas Wirth, Ralph Sackers



Alain Dimeglio Jean Dubousset, Pierre Lascombes

34 th EPOS meeting Marseille, 2015

Young EPOS April 15th



34 th EPOS meeting Marseille 2015

Scientific session Thursday April 16th

Foot and Ankle, SCFE

Scientific session: Foot & Ankle + Cerebral palsy

Moderators:

Bjarne Møller-Madsen, Aarhus C, Denmark

Manuel Cassiano Neves, Lisboa, Portugal

OP75 / 09:02 - 09:08

Treatment of Calcaneal Apophysitis: a Pragmatic Therapeutic Randomized Clinical Trial

Candidate for Clinical paper award

Johannes Wiegerinck¹, Peter AA Struijs²

1. Academic Medical Center, Amsterdam, Netherlands

2. AMC Amsterdam, Amsterdam, Netherlands

OP8 / 09:08 - 09:14

Arthroscopic Talocalcaneal Coalition Resection in Children

Jorge Knorr¹, Francisco Soldado¹, Paula Diaz-Gallardo¹, Jerome Sales de Gauzy²

1. Hospital Sant Joan de Déu, Barcelona, Spain

2. Hôpital des Enfants Toulouse, Toulouse, France

OP9 / 09:14 - 09:20

Resection of Navicular Bone as an Option in the Operative Treatment of Severe and Contracted Neurogenic Equinovalgus Feet

Chakravarthy U Dussa¹, Leonhard Doederlein¹

1. Orthopaedische Kinderklinik, Aschau, Germany

OP10 / 09:20 - 09:26

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

Sang Gyo Seo¹, In Ho Choi², Yeon Soo Kim², Dong Yeon Lee², Won Joon Yoo¹, Tae-Joon Cho²

1. SNU Children's Hospital, Seoul, Korea

2. SNUCH, Seoul, Korea

OP17 / 10:56 - 11:02

Histopathology of human Slipped Capital Femoral Epiphysis physes

Melinda Wittbreuk¹

1. VUmc, Amsterdam, Netherlands

OP18 / 11:02 - 11:08

Pelvic Incidence and Acetabular Version in Slipped Capital Femoral Epiphysis

Jeremy Gebhart¹, Michael Boh², Douglas Weinberg¹, Daniel Cooperman³, Raymond Liu¹

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 Broom¹, Lindsay Andras¹, Kody Barrett¹, Rachel Goldstein¹, Herman Luther², Nicholas Fletcher³, Robert Runner³, Christine Bowman³, David Skaggs¹

1. Children's Hospital Los Angeles, Los Angeles, United States

2. Boston Children's Hospital, Boston, United States

3. Children's Healthcare Atlanta, Atlanta, United States

OP20 / 11:14 - 11:20

The "skinny" SCFE

Rachel Goldstein¹, Erin Dawicki², Alexander Broom¹, Kody Barrett¹, Nicholas Fletcher³, Robert Runner³, Christine Bowman³, Lindsay Andras¹, Michael Millis²

1. Children's Hospital LA, Los Angeles, United States

2. Boston Children's Hospital, Boston, United States

3. Children's Hospital of Atlanta, Atlanta, United States

34 th EPOS meeting Marseille 2015

Scientific session Friday April 17th

DDH; Spine

Scientific session: DDH

Moderators:

Nicholas Clarke, Southampton, United Kingdom
Andreas Roposch, London, United Kingdom

OP41 / 08:00 - 08:06

Efficacy of Selective Ultrasound Hip Screening in Developmental Dysplasia of the Hip Based on Traditional Risk Factors

Clare Taylor¹, Nadia Sciberras², James Metcalfe², Rima Vaikute², Benjamin Holroyd²

1. Plymouth Hospitals NHS Trust., Plymouth, United Kingdom
2. Plymouth Hospitals NHS Trust, Plymouth, United Kingdom

OP42 / 08:06 - 08:12

A Combine Technique Of A Multi Images Hip Sonography - Better Understanding Of Hip Physiology.

Blazej Pruszczyński¹, Marek Synder¹

1. Medical University of Lodz, Lodz, Poland

OP43 / 08:12 - 08:18

Pavlik Harness Treatment Has Tendency To Fail Considerably Over 4 Months of Age and in Dislocated Hips in Developmental Dysplasia of the Hip

Hakan Ömeroglu¹, Nusret Köse¹, Anil Akceylan¹

1. Eskisehir Osmangazi University, Eskisehir, Turkey

08:18 - 08:26 AUDITORIUM

Discussion

OP44 / 08:26 - 08:32

Can Anterior Hip Ultrasound Reliably Assess Hip Reduction In A Spica Cast?

Oliver Birke¹, Justine St George¹, Viktoria Leon¹, David Bradshaw¹, David Little¹

1. Westmead Children's Hospital, Sydney, Australia

OP45 / 08:32 - 08:38

Is an AP Pelvis X-Ray Enough to Judge Adequacy Of Hip Reduction In Spica Cast?

Cristina Alves¹, Federico Canavese², David Lebel³, Walter Truong⁴, Emily Dodwell⁵

1. Hospital Pediátrico - Chuc, Epe, Coimbra, Portugal
2. CHU Estaing, Clermont Ferrand, France
3. Dana-Dwek Children's Hospital, Tel-Aviv, Israel
4. Gillette Children's Hospital, Minneapolis, United States
5. Hospital for Special Surgery, New York, United States

OP46 / 08:38 - 08:44

Acetabular Remodeling And Role Of Osteotomy After Closed Reduction Of Developmental Dysplasia Of The Hip
Candidate for Clinical paper award

Tae-Joon Cho¹, Chang Ho Shin¹, Joon Ho Kim¹, Moon Seok Park², Won Joon Yoo¹, Chin Youb Chung³, In Ho Choi¹

1. Seoul Nat Univ Children's Hosp, Seoul, Korea

2. Seoul Nat Univ Bundang Hosp, Seongnam, Korea

3. Seoul Nat Univ Bundang Hosp, Seoul, Korea

08:44 - 08:52 AUDITORIUM

Discussion

08:52 - 09:45 AUDITORIUM

Scientific session: Spine Part I

Moderators:

Gérard Bollini, Marseille, France
Carol-Claudius Hasler, Basel, Switzerland

OP47 / 08:52 - 08:58

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

Candidate for Clinical paper award

Sébastien Pesenti¹, Benjamin Blondel¹, Emilie Peltier¹, Christian Morin², Jérôme Sales de Gauzy⁴, Stéphane Wolff⁵, Antoine Chalopin⁶, Jean-Luc Jouve⁶

1. Timone enfants, Marseille, France
2. Timone, Marseille, France
3. Institut Calot, Berck sur Mer, France
4. Hôpital des Enfants, Toulouse, France
5. Hôpital Saint Joseph, Paris, France
6. Hôpital d'Enfants, Nantes, France

OP48 / 08:58 - 09:04

Hydration Properties Of The Lumbar Intervertebral Discs In AIS After Surgical Correction: Five Years Follow-Up And Comparison With An Age-Matched Control Group

Kariman Abelin-Genevois¹, Eva Politorszk², Erik Estivaleres³, Jerome Briot³, Pascal Swider³, Jerome Sales de Gauzy⁴

1. Hôpital Femme Mère Enfant, Lyon, France
2. Hôpital d'Enfants Brabois, Nancy, France
3. Laboratory of Biomechanics, Toulouse, France
4. Hopital des enfants Purpan, Toulouse, France

OP49 / 09:04 - 09:10

Static and dynamic evaluation of idiopathic scoliosis in the post-operative period.

Eva Polirsztok¹, Vincent Pomeroy², Sebastien Pesenti², Guillaume Authier², Kim Bin³, Elke Viehweger², Jean-Luc Jouve²

1. Children's hospital, Nancy, France
2. La Timone Enfants, Marseille, France
3. La Timone Enfants, Marseille, France

34 th EPOS meeting Marseille 2015

Scientific session Saturday April 18th

Upper extremity, infections LCP tumours

Scientific session: Upper extremity + Musculoskeletal infections

Moderators:

Marek Synder, Łódź, Poland
Ernesto Ippolito, Roma, Italy

OP82 / 08:00 - 08:06

Prophylactic Simple Resection Of Ulnar Tumor For Deformities Of The Forearm In Multiple Osteochondromas

Mitsuaki Morita¹, Makoto Kamegaya¹, Takashi Saisu¹, Yuko Segawa¹, Jun Kakizaki¹, Reiko Tanaka¹

1. Chiba Pediatric Orthop. Group, Chiba, Japan

OP83 / 08:06 - 08:12

Evaluation Of The Results Ulnar Lengthening For Correction Of Forearm Deformity In Multiple Hereditary Exostosis.

Preliminary Results

Amin Abdelrazek Ahmed¹

1. Alexandria University, Alexandria, Egypt

OP84 / 08:12 - 08:18

Radiographic Criteria for Undergoing an Ulnar Shortening Osteotomy in Madelung Deformity: A Long-Term Experience from a Single Institution

Sebastian Farr¹, Leslie A. Kalish², Donald S. Bae², Peter M. Waters²

1. Orthopedic Hospital Speising, Vienna, Austria
2. Children's Hospital Boston, Boston, United States

08:18 - 08:28 AUDITORIUM

Discussion

OP85 / 08:28 - 08:34

Vertical Scapular Osteotomy in Congenital High Scapula.

Tarek Abdelaziz¹

1. Ain Shams University, Cairo, Egypt

OP86 / 08:34 - 08:40

The Choice Of Donor Site For Reconstruction Of Elbow Flexion In Patients With Amyoplasia

Oiga Agranovich¹, Alexey Baidurashvili²

1. The Turner Institute, St.-Petersburg, Pushkin, Russian Federation
2. The Turner Scientific and Research Institute for Children's, St.-Petersburg, Russian Federation

OP87 / 08:40 - 08:46

Is There A Role For Conservative Treatment In Pediatric Trigger Thumb? A Systematic Review

Sebastian Farr¹, Rudolf Ganger¹, Werner Girsch¹

1. Orthopedic Hospital Speising, Vienna, Austria

Scientific session: LCP; Tumours + Innovative

Moderators:

Hakan Ömeroglu, Eskisehir, Turkey
Jean-Luc Jouve, Marseille, France

OP90 / 10:40 - 10:46

Assessment of Femoral Head Revascularization in Legg-Calvé-Perthes Disease (LCPD) Using Serial Perfusion MRI

Harry Kim¹, Jamie Burgess¹, Paul Gudmundsson¹, Alec Thoveson¹, Molly Dempsey¹, ChanHee Jo¹

1. Texas Scottish Rite Hospital, Dallas, United States

OP91 / 10:46 - 10:52

Outcome After Combined Pelvic And Femoral Osteotomy In Patients With Legg-Calvé-Perthes Disease

Martin Rupprecht¹, Sandra Breyer¹, Nadine Mosow¹, Karsten Ridderbusch¹, Ralf Stücker¹

1. Altonaer Children's Hospital, Hamburg, Germany

OP92 / 10:52 - 10:58

Is Quality of Life Altered in LCPD-Patients after Intense Surgery?

Bettina Westhoff¹, Nina-Kristin Palmen², Dietmar Rosenthal², Christoph Zilkens¹, Ruediger Krauspe¹

1. Dept. of Orthopaedics, Düsseldorf, Germany
2. Dept. of Neurology, Düsseldorf, Germany

OP93 / 10:58 - 11:04

Legg-Calvé-Perthes Disease (LCPD) Produces Significant Elevation of Pro-inflammatory Cytokine Interleukin-6 (IL-6) in the Synovial Fluid and Chronic Hip Synovitis

Nobuhiro Karniya¹, Ryosuke Yamaguchi¹, Naga Suresh Adapala², Elena Chen², David Neal², Jack O'Brien², Alec

Thoveson¹, Paul Gudmundsson¹, Case Brabham¹, Hicham Drissi², **Harry Kim**¹

1. Texas Scottish Rite Hospital, Dallas, United States
2. UT Southwestern Medical Center, Dallas, United States
3. UCONN health center, Farmington, United States

11:04 - 11:12 AUDITORIUM

Discussion

OP94 / 11:12 - 11:18

Long-Term Outcome Following Lower Limb Salvage with Massive Bone Allograft and Intramedullary Free Fibula (Capanna Technique) In Paediatric and Adolescent Patients

Anthony Stans¹, Matthew Houdek¹, Eric Wagner¹, Franklin Sim¹, Steven Moran¹

1. Mayo Clinic, Rochester, United States

Saturday April 18

Saturday April 18

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34 th EPOS meeting Marseille, 2015 Gala Dinner Palais du Pharo



Palais du Pharo



Congress Chairman Gérard Bollini



Congress Chairman Jean Luc Jouve

34 th 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)

34 th 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

34 th EPOS meeting Marseille, 2015 Gala Dinner Palais du Pharo



President thanking Jean Luc Jouvetalking to incoming president Bjarne Moeller-Madsen



Anne and Bjarne Moeller-Madsen, Pierre Lascombes applauding and..... dancing with his wife Françoise

34 th EPOS meeting Marseille, 2015 Gala Dinner Palais du Pharo



Alain Dimeglio, Fritz and Christane Hefti, Valerie Dimeglio



Napoleon III



ball room

34 th EPOS meeting Marseille, 2015
Pro maximis meritis
Gérard Bollini, Marseille, France



Gérard Bollini



Honour speech
Pierre Lascombes

34 th 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 Sébastien Pesenti,

OP47 / 08:52 - 08:58

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

Candidate for Clinical paper award

Sébastien Pesenti¹, Benjamin Blondel², Emilie Peltier¹, Christian Morin³, Jérôme Sales de Gauzy⁴, Stéphane Wolff⁵, Antoine Chalopin⁶, Jean-Luc Jouve¹

From: Timone Enfants, Marseille, France

1. Timone enfants, Marseille, France
2. Timone, Marseille, France
3. Institut Calot, Berck sur Mer, France
4. Hôpital des Enfants, Toulouse, France
5. Hôpital Saint Joseph, Paris, France
6. Hôpital d'Enfants, Nantes, France

34 th EPOS meeting Marseille, 2015 Klasic Best Basic Science Paper Prize



David Little



Tegan Cheng, co-author holding Klasic Award

OP26 / 14:37 - 14:43

A Combination of Sclerostin Antibody and Zoledronic Acid Treatment Outperforms either Treatment alone in a Mouse Model of Osteogenesis Imperfecta

Candidate for Clinical paper award

David Little¹, Lauren Peacock¹, Kathy Mikulec¹, Michaela Kneissel², Ina Kramer², Tegan Cheng¹, Aaron Schindeler¹, Craig Munns¹

1. Children's Hospital Westmead, Westmead, Australia

2. Novartis Pharma, Basel, Switzerland

34 th EPOS meeting Marseille, 2015

Jürgen Baumann Best Poster Prize 2015



Christian Oye



Darko Anticevic announcing Jürgen Baumann Best Paper Poster Award

PP8 Risk Factors for Developing Dysplasia of the Femoral Trochlea in Newborns

Christian Øye¹, Ketil Jarl Holen¹, Olav Andreas Foss¹

1. University Hosp. of Trondheim, Trondheim, Norway

34 th EPOS meeting Marseille, 2015
Presidency Transfer
Pierre Lascombes to Bjarne Moeller-Madsen



Bjarne Moeller-Madsen

Pierre Lascombes

35 th 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

35 th EPOS meeting Rome, 2016

EPOS Executive Board 2016

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Bjarne Møller-Madsen, Denmark
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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)

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Educational Committee

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Nomination Committee

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Nicholas Clarke, United Kingdom
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Klaus Parsch, Germany

EPOS News

Stephanie Böhm, 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

35 th 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

35 th EPOS meeting Rome, 2016

Opening ceremony



Singer actress Maddalena Crippa



Bjarne Moeller-Madsen, Nando de Sanctis, Gaetano Pagnotta,
Renato Facchini, Antonio Andreacchi, Pierre Lascombes,
Jelena Vrohvac, Manuel Cassiano Neves



Maddalena Crippa Bjarne Moeller-Madsen Gaetano Pagnotta

35 th EPOS meeting Rome, 2016

EPOS BAT Educational Program Advanced course

13:30 – 18:00 | Section 4
 EPOS BAT Educational Programme Advanced course “SCFE – An Update on Pathogenesis, Clinical Aspects and Management”
 Moderators: R. Krauspe, S. Weinstein

13:30 – 13:35

Welcome and Introduction
 E. Ippolito

13:35 – 13:45

Epidemiology, Etio-patogenesis
 M. Witbreuk

13:45 – 14:00

Macro-pathology and Biomechanics
 O. Birke

14:00 – 14:10

Histopathology
 I. Tresoldi, E. Ippolito

14:10 – 14:25

Clinic, Diagnosis and Classification
 M. Millis

14:25 – 14:35

Imaging Modalities
 C. Zilkens

15:30 – 15:40

In situ pinning. Contralateral pinning
 G. Häggglund

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



Pope Francis



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



Holy Father accepting present from Gaetano Pagnotta
In prima linea: Mr & Mrs. Pagnotta, Epeldegui and Parsch

35 th EPOS meeting Rome

Private Visit to Sistine Chapel April 8th 2016



35 th 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

35 th EPOS meeting Rome, 2016
Pro maximis meritis
Terje Terjesen, Oslo, Norway



Terje Terjesen



Ivan Hvid
Honour speech

Terje Terjesen Bjarne Moeller-Madsen

35 th EPOS meeting Rome 2016
Presidential Guest Lecture
Klaus Parsch, Stuttgart, Germany



Klaus and Edel Parsch, Bjarne Moeller-Madsen

“Children’s Fractures 2016 – an update“

35 th EPOS meeting Rome, 2016

John Sharrard Best Clinical Science Award



Darko Anticevic, Virginie Pollet, Bjarne Moeller Madsen

OP43 / 08:00 – 08:05

Abduction Bracing versus Natural History in Hip Dysplasia: Multicenter Randomized Controlled Trial

Virginie Pollet¹, Ralph Sakkers², Erik Beek³, Cuno Uiterwaal³, Michiel van de Sande³, Melinda Witbreuk⁴, Adriaan Mostert⁵, Arnold Besselaar³, René Castelein³

¹Sophia's Children's Hospital, Department of Orthopaedic Surgery, Erasmus Medical Center, Rotterdam, Netherlands

²Wilhelmina Children's Hospital, Utrecht, Netherlands

³University Medical Center, Utrecht, Netherlands

⁴VU Medical Center, Amsterdam, Netherlands

⁵Isala Hospital, Zwolle, Netherlands

⁶Catharina Hospital, Eindhoven, Netherlands

35 th EPOS meeting Rome 2016

Predrag Klisic Best Basic Science Award



Darko Anticevic, Cesar G Fontecha, Bjarne Moeller-Madsen

OP9 / 09:27 – 09:32

Bone Antibiotic Bioavailability in Skeletally Immature Animal. A Pharmacokinetic Study

Cesar G Fontecha¹, Juan Antonio Porcel Vázquez², Carla Gilabert Carbajo², Pere Soler Palacín², Aurora Fernández Polo², María Jesús Melià Grimal³, Ramon Martí Seves⁴, Juan José González López², María Nieves Larrosa Escartín²

¹Hospital Universitary Vall d'Hebron, Barcelona, Spain

²Hospital Vall d'Hebron, Barcelona, Spain

³Vall Hebron Institute Research, Barcelona, Spain

⁴Vall Hebron Institute Research, Barcelona, Spain

35 th 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 Farrington¹

¹Hospital Virgen del Rocío, Seville, Spain

35 th EPOS meeting Rome, 2016

Closing remarks



President Bjarne Moeller-Madsen thanking Ernesto Ippolito and Gaetano Pagnotta

35 th EPOS meeting Rome 2016 EPOSNA Presidents Barcelona 2017



EPOS President 2017 Manuel Cassiano Neves and POSNA President 2017 Jim McCarthy

35 th EPOS meeting Rome 2016 Presidential Transfer



Bjarne Moeller-Madsen

Manuel Cassiano Neves

EPOS meetings 1982 - 2017



EPOS General Secretary

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

EPOS Treasurer

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

Educational Committee

Chairman

2004 – 2008	Franz Grill
2009 – 2014	Bjarne Moeller-Madsen
2015 – 2017	Hakan Ömeroglu

Marie Curie International Instructional Courses of Paediatric Orthopaedics 2007-2009

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 subspecialties 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

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

Participation Rules, mandatory prerequisites:

- Physician with special interest in paediatric orthopaedics/trauma
- Between one and ten years of clinical/research experience since graduation
- Good command of English language

Marie Curie International Instructional Courses of Paediatric Orthopaedics 2007-2009 Venue, Chairman



Vienna, Springer-Schlössl



Franz Grill



Helsinki ORTON Orthopaedic Hospital



Dietrich Schlenzka



Marseille, Timone Hospital



Gérard Bollini



Ma'ale Hachamisha, Kibbutz Hhotel



Shlomo Wientroub

Marie Curie International Instructional Courses of Paediatric Orthopaedics 2007-2009 Vienna 2007



Reinhard Graf about hip ultrasound



Ernesto Ippolito demonstrating Ponseti cast



Michael Benson and the pelvis



Shlomo Wientroub during US hip examination

Marie Curie International Instructional Courses of Paediatric Orthopaedics 2007-2009 Vienna 2007



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



21 ladies participating

Marie Curie International Instructional Courses of Paediatric Orthopaedics 2007-2009

Helsinki
2008



Hip examination in prone position



Emergency room situation



Spine instrumentation hands on

Marie Curie International Instructional Courses of Paediatric Orthopaedics 2007-2009 Helsinki 2008 dinner cruise



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



July 27th - August 1st 2008 ORTON Orthopaedic Hospital Helsinki Course Chairman Dietrich Schlenzka

Marie Curie International Instructional Courses of Paediatric Orthopaedics 2007-2009 Marseille 2009



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 2007-2009 Marseille 2009



June 20th – June 25th 2009 Hôpital de la Timone Enfants Marseille, course chairman Gérard Bollini

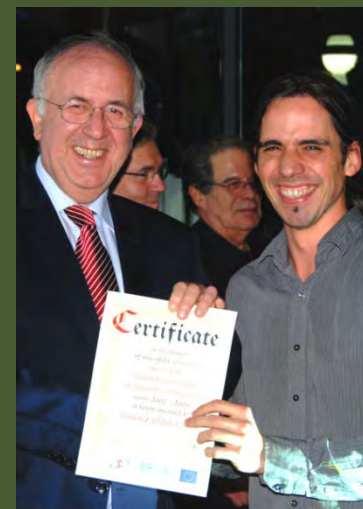
Marie Curie International Instructional Courses of Paediatric Orthopaedics Tel Aviv 2009



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 Pedatric 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 NEWSLETTER

EPOS EDUCATIONAL COMMITTEE



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.

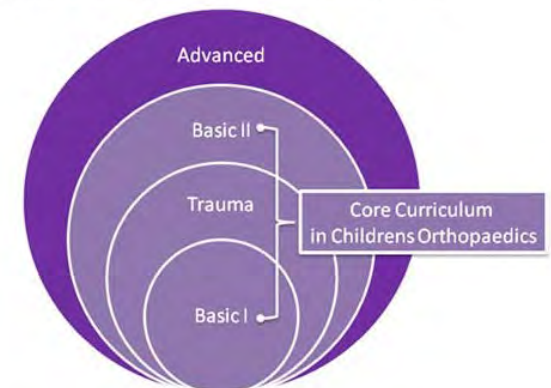
EPOS Scholarship

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.



BAT Courses in Vienna Springer Schloß

Educational Programme in Childrens Orthopaedics

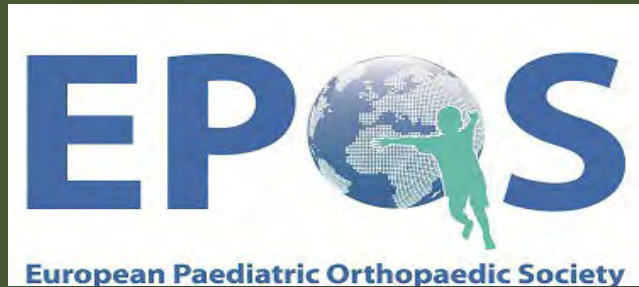


From EPOS Newsletter December 2012

3rd EPOS-EFORT BAT

Instructional Course Trilogy Pediatric trauma

March 2015



**3rd EPOS-EFORT BAT
INSTRUCTIONAL COURSE
TRILOGY**

Part II; Paediatric trauma
11-13 March 2015
Orthopaedic Hospital Speising,
Vienna, Austria

3rd EPOS-EFORT BAT Instructional Course Trilogy Basic II 2015

3rd EPOS-EFORT BAT INSTRUCTIONAL COURSE TRILOGY



Part III; Paediatric Orthopaedics Basic II

7-9 October 2015, Vienna, Austria



Rudolf
Ganger



Hakan
Ömeroglu



Bjarne
Møller-Madsen

Course directors 2015

- Disorders of the Upper limb
- Disorders of the Knee
- Bone and Joint Infections
- Bone Tumors
- Neuromuscular Disorders
- Disorders of the Spine
- Master Techniques
- Controversial Issues
- Case Discussions
- Workshops

3rd EPOS-EFORT BAT Instructional Course Trilogy Basic II Oct. 2015



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

3rd EPOS-EFORT BAT Instructional Course Trilogy Basic II Oct. 7th-9th 2015



4th EPOS-EFORT BAT

EPOS BAT Basic Course I



Hakan Ömeroglu
Educational Committee, Chair

First part of the 4th EPOS-EFORT BAT Instructional Course Trilogy was held between 16 and 18 March 2016 in Vienna Orthopaedic Hospital Speising. 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.Moller-Madsen, M.Ramachandran, A.Roposch, 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.

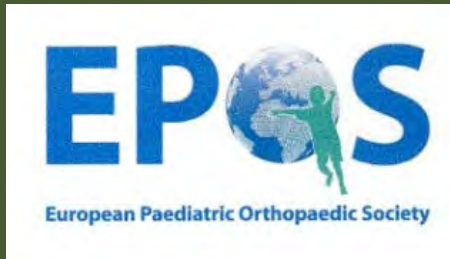
At the end of this course 128 orthopaedic surgeons or residents from 30 countries completed the core curriculum education by attending basic I, basic II and trauma courses between 2011 and 2016 and were eligible to receive the trilogy diploma

• 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

1. Objectives

- i. To promote high quality collaborative (multi national) research across members of EPOS by directly setting up and leading such research through a single member or a team of members of the Committee.
- ii. To promote research education for established surgeons and orthopaedic trainees by conducting educational events during EPOS Annual Meetings and BAT Courses (the latter in collaboration with the Education Committee).
- iii. To establish, and continuously develop, the infrastructure needed in order to facilitate the above two goals.
- iv. To represent all scientific affairs of the Society by representations on EPOS Board and Reading Committee and by voting for research awards; poster prize; EPOS research grants; EPOS fellowships, etc.

Scientific Committee

Chairman/woman

1997 – 2004

Ernesto Ippolito

2004 - 2009

Fritz Hefti

2009 – 2012

Andrew Wainwright

2012 – 2015

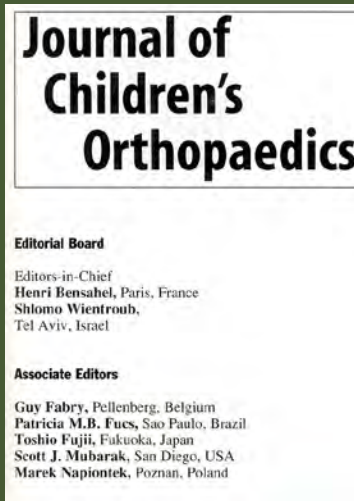
Andreas Roposch

2015 – 2018

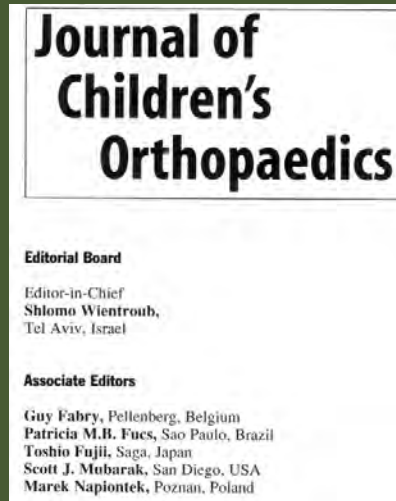
Cristina Alves

Journal of Children's Orthopaedics

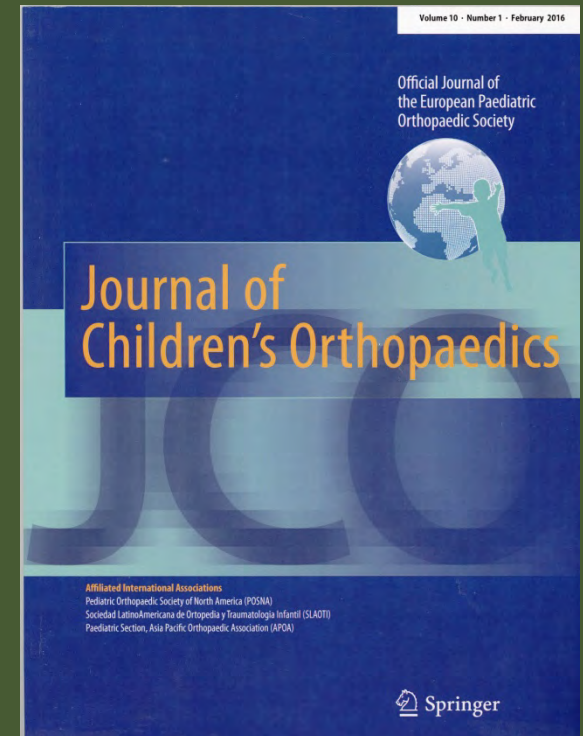
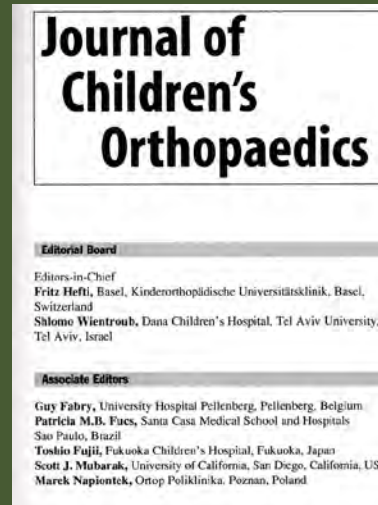
2007



2010



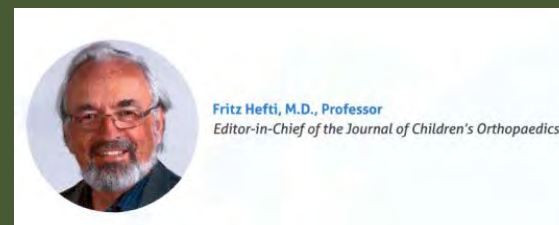
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Plan for the future:

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.

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Stuttgart, March 2017

Klaus Parsch

