

EPOS NEWSLETTER

European Paediatric Orthopaedic Society

OCTOBER 2013

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WELCOME TO THE SEPTEMBER-OCTOBER NEWSLETTER

By Ivan Hvid, Newsletter Editor, ihv.eposnews@gmail.com

Welcome to the september-october issue of the Newsletter

Autumn is creeping in on us and before we notice, it is Christmas and winter. And it is already time to make plans for April: Next years annual meeting will be in Bruges, Belgium, as hopefully, you already know.

And it is high time to get your papers ready for submission.

In this issue of the Newsletter there are greetings from our president, among other interesting issues reminding you of the deadline for submission of papers for the Bruges Congress. The treasurer is content to announce that online payment through the website is up and running and working well. So well, in fact, that you should try it if you haven't been there already! There is news from our fabulous educational committee, working hard as ever to keep us updated on almost everything. John Dimitriou sends his greetings from Athens with some memories of a very fine meeting there. There is an interesting report from the POSNA travelling fellows who appears to have had a lifetime experience in North America. And then there are the usual bits and pieces which I hope you'll also enjoy!

PRESIDENT'S ADDRESS



Dear Friends and Colleagues,

It seems no time at all since I accepted the role of President of our society on a sunny April day in Athens but time always seems to fly when you are busy and having fun. Both of those things are certainly true of this Presidential year.

Many of the activities of our Society are discussed in the articles within this newsletter and there is no need for me to repeat what they say. I do, however, want to take this opportunity to thank my colleagues on the Board, our colleagues in Torres-Pardo and in CAOS who are all working together to ensure that our Society is supported by an infra-structure appropriate to the 21st Century and this the 32nd year of our existence.

Our website is now 'up and running' and although we have faced some, inevitable, teething problems we have confidence that bit by bit these will be solved and that we will be able to extend the scope of our activities via the website and use this as a forum for our educational and scientific programmes.

The education programmes are continuing with the last part of the 2nd BAT trilogy due to take place in Vienna next month and the RCC in Lithuania in November. Several of the Board have just returned from a very successful BAT-Advanced course on Current Concepts in the Management of Paediatric Hip Disorders and I hope that this serves as a basis for further such courses.

The Board and I are very keen to involve as many members of the society in our activities as possible. Darko Anticevic has been recruiting members for the Reading Committee, Bjarne Moller-Madsen and Andreas Roposch are always on the look out for members who are keen to teach and/or to contribute to our research projects and perhaps graduates of the BAT trilogy might be interested in starting an EPOS group for the more junior members of the society? They could help keep our profile high on facebook and twitter!

With our Belgian local hosts, we are beginning to put the flesh on the bones of the Bruges meeting which will be held April 2nd-5th 2014. We are sure it will be a successful meeting and hope that you will all be submitting abstracts via our website: the closing date is 15th October 2013. ([HYPERLINK "http://www.epos2014.be"](http://www.epos2014.be) www.epos2014.be).

I hope you enjoy this newsletter and if you have any comments or questions concerning our Society or wish to contact me directly, please do so via my email address below.

Best wishes

Deborah Eastwood

President

d.m.eastwood@btinternet.com

REPORT ON THE 2013 EPOS POSNA TRAVELING FELLOWSHIP

The purpose of this brief report is to detail our experiences and scientific exchanges during our 3-week in North America. First of all we want to thank the European Paediatric Orthopaedic Society and Pediatric Orthopaedic Society of North America for the opportunity to participate in this Traveling Fellowship. It has been a privilege and an honour for us to be enrolled in this adventure, discuss different points of view about taking care of the children, and meet many colleagues and make new friends.

Wilmington, Delaware (April 21-23)

[Julio Duarte, Andrea Borgo, Camille Thevenin-Lemoine](#)

Departing from different points of Europe, we arrived late in Philadelphia on Sunday. Dr Mackenzie and his team received us at Alfred DuPont Hospital on Monday. The day started with the conference of the department where we had the opportunity to present our topics on induced membrane in bone reconstruction, metal levels in corrosion of spinal instrumentations, and the treatment of the resistant unicameral bone cyst. Later we went to the operating room and observed surgeries with Dr Mackenzie and Dr Thacker. In the afternoon, we were given a complete tour through the hospital showing us all their facilities, visited the clinic and the gait analysis lab. During the evening, we visited some beautiful places of Brandywine country and had dinner with the Alfred DuPont Institute team at Dr Mackenzie's house.

On Tuesday, after the conference meeting we were invited to sign the "guest book", then visited the Nemours Mansion and Gardens, the mansion of Alfred DuPont, an American industrialist, financier and philanthropist who promoted the hospital. We joined the clinic with Dr Bowen and Dr Thacker and the operating room with Dr Mackenzie and Dr Shah. In the evening we had to leave for New York City.

[New York City, New York \(April 23-25\)](#)

We arrived to Penn Station and were taken to the restaurant to get dinner with the Hospital for Special Surgery team. On Wednesday, we attended the Pediatric Orthopedic Resident Conference, where Dr Levine gave us a lecture about the HSS history, and we attended the paediatric orthopaedic grand round. Later we were taken to The Center for Hip Preservation, with Dr Sink, and attended hip preservation surgery with arthroscopy and osteotomy, and afterwards chondral defect surgery of the knee with Dr Green. After lunch, we visited the gait analysis lab and attended the CP and Gait Analysis conference. We had the opportunity to take a short walk through Central Park and 5th Avenue. The day ended with an exciting baseball game with the Mets.

The next day began with scoliosis service conference, after which we presented and discussed our talks. Then we could participate in the pediatric sports medicine conference. After lunch we had an interesting discussion on the conference cases of limb deformity, and then we moved on to La Guardia Airport, from where we flew to our next destination, the city of Memphis.

[Memphis, Tennessee \(April 26-28\)](#)

Dr. Beaty picked us up at the airport and accompanied us to the hotel. On Friday we participated in the academic day of the Campbell Clinic Pediatric Orthopedic team. The morning session was held at LeBonheur Children's Hospital and the afternoon in the Campbell Foundation. The academic program was designed carefully. Each of our presentations was matched with the presentation and discussion of a related topic from the members of the staff, fellows and residents of the Campbell Clinic. The presentation by Dr. Terry Canale about "Physician Communication and E-mail in the office" was very interesting. We shared many experiences and different points of view on various topics of management of pediatric orthopedics.

At night we enjoyed an authentic Tennessee barbecue with the team of the Campbell Clinic at Dr.Sawyer's house. This was a lovely evening. Saturday morning, we had the opportunity to visit the city, and in the evening we enjoyed a basketball game of the Memphis Grizzlies that were competing in the NBA playoffs. We left Memphis with a good taste in our mouth.

Toronto, Ontario - CA (April 28 to may 5)

Our last stop was Toronto. On Monday morning early, we attended the orthopedic round, where we could share our experiences with the Hospital for Sick Children's team and international visitors who had come for the postnatal meeting. After the meeting, we visited the hospital and research lab with Dr. Hopyan, our guest. After the visit we went to the OR with Dr. Wedge and Dr. Zeller, and to the CP clinic with Dr. Narayanan. Late in the evening we had an interview with Dr. Alman, the head of service. On Tuesday, we attended different clinics of the service, and we had the opportunity to be with Dr. Wedge, Dr. Kelly, Dr. Zeller and Dr. Murnaghan. In the afternoon, we attended the Hip disorders conference. After that we moved to the Sheraton Centre Toronto Hotel, where we participated on the 2013 POSNA Annual Meeting.

The POSNA meeting started on Wednesday with the pre-course presented with the IFPOS group, about the "Care for the Young Patient with a Complex Orthopaedic Problem: A Global Perspective". The meeting had over 1000 attendees coming from 34 countries and the USA and Canada; and 18 exhibit companies. We were introduced to the POSNA members during the opening ceremony. The meeting consisted of 117 scientific papers, 25 posters, 75 e-posters, with 6 symposia sessions on Thursday afternoon and 5 subspecialty day symposia on Friday afternoon. The IFPOS had their own afternoon session on Thursday presenting 46 papers and 50 e-posters. After the meeting we flew back home after 14 very interesting days.

Wherever we were, everyone treated us in an exceptional way. We felt welcome in all the hospitals we have visited. We are convinced that we have participated in one of the most important experiences of our lives. We met many people and we have built the foundation for strong and fruitful friendships.



MEMORIES OF EPOS 2013



Dear Colleagues and Friends,

The 32nd Annual EPOS Meeting commenced the morning of Wednesday the 17th of April with the BAT educational program entitled "Genetic disorders of the skeleton. An update on diagnosis and management". The lecture theater was fully occupied mainly by young colleagues. The whole afternoon was devoted to the so-called Pre-meeting course on "Upper limb controversies in Paediatric Orthopaedics." The main big auditorium was over-occupied. The major clinical problems and controversies related to upper limb in children were fully analyzed by experts on the subject and the followed Q-A debate was very edifying.

Right after this session, the Opening ceremony started with addresses by Greek Orthopaedic Officials, and EFORT and IFPOS representatives. As the local Host, I had the opportunity to give an emotional short speech and refer to the 9th EPOS meeting which was held in Athens in 1990, 23 years ago by presenting some photos from the social events. Finally, our EPOS President addressed the Participants and the Mayor of Athens proceeded to the Official Opening of the meeting. An opening lecture followed by an expert archaeologist of The National Archaeological Museum on an interesting and very impressive topic: "The Antikythera shipwreck: The Mechanism", stimulating many colleagues and friends to visit the Museum and see all the related objects exhibited. After a short musical interval, the evening closed with the Welcome reception. The participants and invited friends socialized in cheerful groups, meeting old friends and making new ones in an amicable atmosphere. So, a very long day starting scientifically at 08:30am ended with joyful mood....after 22:00pm. What a long day!!!



The next day, Thursday the 18th, was occupied with free papers sessions, two lunch Symposia, and three specialized Symposia, with high levels of attendance until about 16:30pm. Straight after the end of the scientific program, most of the participants and guests participated to the special event of the visit to the Acropolis, the New Acropolis Museum and the arranged walking tour to the outskirts of the rock of the Acropolis (PLACA). After this "full" program of activities, the participants were "released" in the small picturesque streets of PLACA for shopping and dining in the lovely traditional Greek "TAVERNAS".

The entire Friday was devoted to scientific and administrative work. In the evening, we enjoyed the traditional Gala Dinner at ZAPEION (nearby an impressive old building constructed for the needs of the 1st New Olympic Games in 1896!!!).

The next day, Saturday the 20th, and last day of our Meeting, we had a special event and for the first time in the history of EPOS: The ACROPOLIS RUN!!!, starting at 07:00am from the venue place (The HILTON Hotel) and finishing to the Acropolis. It was really fantastic! The Athenians were very surprised watching a group of people of various age groups running to the Acropolis! Pierre Lascombes, Klaus Parsch, Andreas Roposch and myself, we played the role of the run Officials taking care of the keeping the rules of the run and presented the awards to the first three winners (which were olive wreaths known as "kotinos" as in the Old Olympics!).

Finally, the Official Ceremony of the EPOS Presidency transfer from Muharrem Yazici to Deborah Eastwood, the first Lady President, also took place. Thus, the lights of the 32nd EPOS Annual meeting faded out and those of the 33rd EPOS meeting are getting ready to rise in Bruges. Well, Bruges get ready, we are looking forward to coming next year!!



At last, I think that it is worthwhile to mention some statistical figures concerning the 32nd EPOS meeting:

EPOS: 571 Registered Participants (including EPOS members, Non-members, Trainees, Ac. Persons, etc)

BAT course: 74 Registered Participants

Gala Dinner: 169

EPOS Run: 58

Visit to the Acropolis, the Museum & Walking tour to PLACA: 532

Pre-meeting course: attended by the majority of the registered participants

And that was a brief summary of the historic 32nd Annual EPOS meeting that took place on the 17th to the 20th of April 2013 in Athens.

Best wishes,

The privileged and content local Host!

John (Ioannis) Dimitriou

President of the L.O.C.

EPOS EDUCATIONAL COMMITTEE

BAT Programme

Since the last EPOS NEWSLETTER, our Traumatology Course took place in Vienna from Wednesday March 13th - Friday 15th 2013.



It was a pleasure to welcome 99 participants from 31 countries. The Faculty once again gave excellent lectures and provoked discussion, both educational activities were rated highly in our post-course evaluation form filled in by an active and stimulating audience. The enthusiasm was also shared on the social media sites such as Facebook.

The next BAT Course, BAT II on Disorders of the Upper limb, Disorders of the Knee, Musculoskeletal Infections and Spine will take place in October; again in Vienna, at the Speisinger Hospital with our local host, Prof Franz Grill

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Advanced Courses

EPOS BAT Advanced Course

“Current Concepts in the Management of Paediatric Hip Disorders”

4th – 5th September 2013

In Izmir, Turkey our local host and organiser Professor Hakan Omeroglu ran a very successful course for 120 participants from throughout Europe and Asia. The course was supported by TOTBID. The EPOS Educational Committee wants to thank them for their commitment and the Committee is highly appreciative of the support from the National Society of Turkey.



Upcoming Course



Regional Core Curriculum Courses

Following the success of the first two CCCs that took place (back to back) in February 2013 in Pristina, Kosovo and Tirana, Albania, and in response to the participants evaluation of these two courses, we have fine-tuned the programme and extended the faculty a little and are now all set for the next two courses. These have been organized by Elhanan Bar-On MD, MPH :

1. Kaunas, Lithuania on November 14th-15th2013, Local host Jolita Gingautiene MD
2. Tuzla, Bosnia on February 28th-March 1st2014, Local host Boris Bacic MD

EPOS Tutorials.

The Programme for the 2014 tutorials will be presented in next newsletter by Professor Joel Lechevallier.

With my best wishes

B Møller-Madsen

SHORT UPDATE ON MEMBERSHIP PAYMENT FROM THE TREASURER

Short update on membership payment from the Treasurer

Since July EPOS could offer the web based method of payment of the membership dues by using the members account on the EPOS web page. Every member whose E-mail address is valid and known to the Society has received the login password in order to be able to access the personal account on the EPOS web page. You enter your personal account by clicking on the button "member's area" on the top right of the page. You will then find the button "financial status", and by opening the window, you are able to see what your current financial status is.

If you have not paid your annual fees yet, you can click on the button which is applicable to your member status and pay your membership fee 2013 via Paypal or credit card. The Paypal method of payment appears to represent the easiest way to conduct the financial transaction.

Although currently about 80 members have paid their annual dues by this method, we are still missing the membership fees of most of the members for 2013. There seem to be different reasons for this situation. Some members may not have received the password. Some members may have failed to login to the member's area and some may still plan to pay within the coming weeks. If you did not receive a password, we like to invite you to let us know. We will then take care to send the password out to you. I like to ask everyone to go ahead and pay for being member of this wonderful Society because we offer many interesting activities to the paediatric orthopaedic community, which all need a sound financial basis to be successfully carried out. Despite intensive pleas for paying old membership fees from recent years the campaign which was launched during the Athen's annual meeting was much more successful than any other attempt to trace those members who did not pay for years. This initiative will and must go on with all consequences for those members who continue to refuse to pay the membership fees. Everyone can now use the web based payment system for balancing his account and show his strong interest in the Society and its activities.

Thomas Wirth

JOURNAL ARTICLES OF POTENTIAL INTEREST FOR YOU



Here are some articles that I particularly appreciated, published since the last issue of the Newsletter. This obviously is a highly subjective and individual choice of mine. I included links to the home pages of these journals for easy browsing.

In the future, I invite you to inform me on particularly important or innovative recent original papers that you come across in these or other journals. Please submit your motivated suggestion to ihv.eposnews@gmail.com

Acta Orthop

<http://www.actaorthop.org>

Meling T, Harboe K, Enokson CH, Aarflot M, Arthursson AJ, Søreide K. Reliable classification of children's fractures according to the comprehensive classification of long bone fractures by Müller. Acta Orthop 2013; 84: 207-12

Noh H, Park S-S. Predictive factors for residual equinovarus deformity following Ponseti treatment and percutaneous Achilles tenotomy for idiopathic clubfoot. Acta Orthop 2013; 84: 213-7

Clin Orthop Rel Res

<http://www.springer.com/medicine/orthopedics/journal/11999>

Leopold SS. Duplicate submission and dual publication: What is so wrong with them? Clin Orthop Rel Res 2013; 471: 1401-2

Sankar WN, Novais EN, Lee C, Al-Omari AA, Choi PD, Shore BJ. What are the risks of prophylactic pinning to prevent contralateral slipped capital femoral epiphysis? Clin Orthop Rel Res 2013; 471: 2118-23

Abdelgawad AA, Sieg RN, Laughlin MD, Shunia J, Kanlic EM. Submuscular bridge plating for complex pediatric femur fractures is reliable. Clin Orthop Rel Res 2013; 471: 2797-2808

J Bone Jt Surg Am

<http://jbjs.org>

Wang T-M, Wu K-W, Shih S-F, Huang S-C, Kuo KN. Outcomes of open reduction for developmental dysplasia of the hip: Does bilateral dysplasia have a poorer outcome? J Bone Jt Surg Am 2013; 95: 1081-6

Ceroni D, Martin XE, Delhumeau C, Farpour-Lambert NJ, Coulon GD, Dubois-Ferrière V, Rizzoli R. Recovery of decreased bone mineral mass after lower-limb fractures in adolescents. J Bone Jt Surg Am 2013; 95:1037-43
Firth GB, Passmore E, Sangeux M, Thomason P, Rodda J, Donath S, Selber P, Graham HK. Multilevel surgery for equinus gait in children with spastic diplegic cerebral palsy. J Bone Jt Surg Am 2013; 95: 931-8
2012; 94-A: E142 1-10

Bone Joint J<http://www.bjj.boneandjoint.org.uk>

Valentini MB, Farsetti P, Martinelli O, Laurito A, Ippolito E. The value of ultrasonic diagnosis in the management of vascular complications of supracondylar fractures of the humerus in children. *Bone Joint J* 2013; 95: 694-8

Lee SC, Shim JS, Seo SW, Lim KS, Ko KR. The accuracy of current methods in determining the timing of epiphysiodesis. *Bone Joint J* 2013; 95: 993-1000

JCO<http://www.springer.com/medicine/orthopedics/journal/11832>

Kanj WW, Gunderson MA, Carrigan RB, Sankar WN. Acute compartment syndrome of the upper extremity in children: Diagnosis, management, and outcomes. *J Child Orthop* 2013; 7: 225-33

Chow W, Neghandi R, Kuong E, To M. Management pitfalls of fractured neck of femur in osteogenesis imperfecta. *J Child Orthop* 2013; 7: 195-203

J Pediatric Orthop<http://journals.lww.com/pedorthopaedics/pages/default.aspx>

Stewart D, Cheema A, Szalay EA. Dual 8-plate technique is not as effective as ablation for epiphysiodesis about the knee. *J Pediatr Orthop* 2013 (Epub ahead of print)

J Am Acad Orthop Surg<http://www.jaaos.org>

Birch J. Blount disease. *J Am Acad Orthop Surg* 2013; 21: 408-18

Wuerz TH, Gurd DP. Pediatric physeal ankle fractures. *J Am Acad Orthop Surg* 2013; 21: 234-44

PICTURE QUIZ

In the last issue of the Newsletter, there was an x-ray of a young man suffering from severe idiopathic juvenile arthritis, and treated with bisphosphonate over a long period of time. The new bone produced was more dense than the older bone, thus providing a radiological marker of the newer bone.

The picture nicely illustrates the growth pattern of the proximal femur: there is one continuous growth plate running from beneath the femoral head, through the postero-superior aspect of the femoral neck, ending underneath the greater trochanteric apophysis. Therefore, all femoral neck fractures in children involve the growth plate, and may lead to growth disturbance. Another consequence is that early arrest of the growth plate laterally beneath the greater trochanter, be it induced or accidental, will lead to proximal femoral valgus.

Here's another picture to think about:

This 9 year old was referred because of an awkward running-style and a tendency for muscular fatigue. What's wrong?



33rd

ANNUAL MEETING OF THE
EUROPEAN PAEDIATRIC ORTHOPAEDIC SOCIETY

2nd - 5th April 2014



Bruges · Belgium

EPOS

European Paediatric Orthopaedic Society

www.epos.org