

## Programme



invite you for

### **The 12<sup>th</sup> Prague-Sydney-Lublin Symposium**

Topic: **Biomechanical and Biochemical Approach to Diagnostics and Treatment of Locomotor Apparatus Disorders**

The Symposium is launched within the framework *Bone and Joint Decade 2000 - 2010* and belongs to education actions integrated into the life training system of physicians (according to professional statute No. 16 of the Czech Medical Association)



### **Programme - Friday 1, October 2010**

13.30 – 14.00 registration of participants

**14.00 – 16.00 chairmen: J. Hyánek, I. Mařík, E. Strouhal**

Mařík I. *Opening of the Symposium*

Blahoš J, Hudáková O. Appreciation of honorary guests of the Symposium Professor George P. Lyritis (University of Athens, Greece) and Professor Mohamed AlamEldin (Sohag University, Egypt)

Blahoš J. To history of calcitonin discovery (20 min.)

Lyritis GP (ATHENS, GREECE). Osteoporotic vertebral fractures in males (20 min.)

AlamEldin M (SOHAG, EGYPT). Comprehensive treatment of spinal tuberculosis (20 min.)

COFFEE BREAK

**16.30 – 17.30 chairmen: J. Kolář, F. Maršík, M. Petrtyl**

Mařík I, Kuklík M, Maříková A, Hudáková O, Kozłowski K. Classification of congenital defects of skeleton and International nomenclature of constitutional skeletal disorders – application in clinical praxis (15 min.)

Kuklík M, Kutinová M, Handzel J. Hyperodontia (15 min.)

Všetička J, Gattnarová Z, Mařík I, Kozłowski K. Ultrasound diagnosis of severe mesomelic dysplasia in two fetuses (15 min.)

Strouhal E, Němečková A, Kolář J. Skulls with large lytic defects with sclerotic borders (15 min.)

Mařík I, Kuklík M, Myslivec R, Zemková D, Cerný P, Petrášová Š, Maříková A, Hudáková O, Kozłowski K. Diagnostics of skeletal dysplasias and biomechanical aspects of treatment (poster)

Petrášová, Zemková D, Myslivec R, Mařík I. Angular Deformities Correction around the Knee Joint at Children (poster)

**18.00 Symposium Dinner**

**P r o g r a m m e - Saturday 2, October 2010**

8.30 – 9.00 registration of participants

**9.00 – 10.00 chairmen: I. Mařík, J. Kolář, T. Karski**

Kříž V, Majerová V. Biomechanics of individual spine segments (20 min.)

Karski T, Kandzierski G, Karski J, Kalakucki J (LUBLIN, POLAND) *Plexus brachial obstetrical paresis* – methods and results of orthopaedic - rehabilitation management in Lublin Paediatric Orthopaedic and Rehabilitation Department. Danger of the ‘modern’ mis-therapy”(20 min.)

Karski J, Karski T, Kalakucki J, Długosz M (LUBLIN, POLAND). *Cerebral palsy* – problems of diagnosis and treatment. Lublin RAO method in treatment (20 min.)

COFFEE BREAK

**10.30 – 12.30 chairmen: J. Hyánek, P. Novosad, L. Šenolt**

Hudcová B, Zemková D; Duchanová L; Novosad P. Osteoporosis and ageing: anthropometric study - continuous results (15 min.)

Čamborová P, Novosad P. Paediatric bone and asthma (15 min.)

Novosad P, Fojtík P, Hrdý P, Cibulková P, Bóday A. Genetic check up VDR, ESR1 and LRP5 of patients from Osteological Centre Zlín, frequency of their disorders and observed relations to basic osteological parameters (20 min.)

Hrdý P, Novosad P, Fojtík P, Cibulková P, Bóday A. Genetic cases. Some patients from a genetic project mapping genetic defects (VDR, ESR1 and LRP5) in eastern Moravia probands (15 min.)

Šenolt L. Adipocytokins in pathogenesis of rheumatoid diseases (20 min.)

Braun M. Modern analytical approaches to determination of connective tissue degradation biomarkers (20 min.)

### **13.30 – 15.00 chairmen: M. Petrtýl, J. Hyánek, M. Kuklík**

Smrčka V, Marcsik A, Svenssonová M. The dietary trends, diseases and social status in the Migration Period (15 min.)

Charvát J, Mařík I. Stomatological treatment in a male patient with Hajdu-Cheney syndrome (15 min.)

Denk F, Jíra A, Petrtýl M. Effect of bioligand binding fields on the biocompatibility of the implant (15 min.)

Lísal J, Petrtýl M, Sedláček R. Experimental verification of biomechanical properties of articular cartilage (15 min.)

Petrtýl M., Sejkotová J., Danešová J., Forstová K. Configurations of collagen fibres in peripheral zone of articular cartilage in tibia (20 min.)

### **COFFEE BREAK**

### **15.30 – 17.00 chairmen: J. Čulík, M Petrtýl, M. Kuklík**

Myslivec R, Mařík I, Maříková A, Zemková D. Post-lengthening peripheral drift of diaphysis observed 6 months and later after device removal (15 min.)

J. Schwabová J, Zahálka F, Komárek V, Malý T, Hraský P, Gryc T, Zumrová A. Postural stability tests for objectification of clinical condition at patients with ataxia (15 min.)

Polyzos Ch. The objective relationship of abnormal posture and locomotion in scoliosis (15 min.)

Černý P. Hallux valgus – correction by orthosis and a new type of insoles (15 min.)

Čulík J. Intelligent leg prosthesis (15 min.)

Petrtýl M. & Mařík I. *Assessment and conclusion of the Symposium*

Lectures and text slides in English, time in round brackets covers discussion to paper.

**The Symposium**

will be held on 1<sup>st</sup> – 2<sup>nd</sup> October 2010

at The Domus medica, Sokolská 31, 120 26 Prague 2, Czech Republic

Conference fee 300 Czech crowns will be paid during registration

Participants will receive the journal Locomotor System 3+4/2010 with programme, abstracts of lectures and Certificate of Attendance

Organiser: **Assoc. Prof. Ivo Marik, MD, PhD**

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