



Society For Connective Tissues CMA J.E. Purkyně  
 & Society for Prosthetics and Orthotics CMA J.E. Purkyně  
 & Czech Society of Biomechanics  
 & Czech Medical Association J.E. Purkyně  
 & Medical University of Lublin  
 & Vincent Pol University in Lublin

**invite you for**

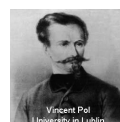
## **THE 16<sup>TH</sup> PRAGUE-LUBLIN-SYDNEY-ST. PETERSBURG SYMPOSIUM**

Disorders of growth and Defects of growth epiphysis

**GENETICS OF GROWTH SKELETAL DISORDERS / DIAGNOSTICS  
 AND COMPREHENSIVE TREATMENT**

**ORTHOPAEDIC ANTHROPOLOGY, BIOMECHANICS / VARIA  
 & WORKSHOP HAND SURGERY**

The Symposium will be held on 21<sup>st</sup> – 25<sup>th</sup> September 2014  
 in the Military University's Hospital, Lublin, Poland (Al. Racławickie 23)



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# SYMPOSIUM PROGRAMME

## SUNDAY, SEPTEMBER 21, 2014

Arrival of participants to Lublin, Poland. Accommodation in The HUSAR Hotel, Lublin (Spadochroniarzy Street 9, bystreet of Al. Raclawickie)

## MONDAY, SEPTEMBER 22, 2014

8.30 – 9.30 REGISTRATION OF PARTICIPANTS

9.30 ZBIGNIEW KĘDZIERSKI & MARIK IVO, MIKHAIL DUDIN & TOMASZ KARSKI  
OPENING OF THE SYMPOSIUM

75<sup>TH</sup> ANNIVERSARY OF **PROFESSOR TOMASZ KARSKI**  
& THE 65<sup>TH</sup> ANNIVERSARY OF **PROFESSOR MIKHAIL DUDIN**

10.00 – 14.00 MORNING SESSIONS

Note: In every session every lecture 20 min. (with discussion)

## SESSION I – **GENETICS OF GROWTH SKELETAL DISORDERS**

**Chairmen:** IVO MARIK, MILOSLAV KUKLIK

ZEMKOVA DANIELA<sup>1)</sup>, MARIK IVO<sup>2, 3)</sup> (PRAGUE, CZECH REPUBLIC)

**Development and growth of skeleton. Growth cartilage**

<sup>1)</sup> Pediatric Dpt., University Hospital Motol, Prague, Czech Republic

<sup>2)</sup> Ambulant Centre for Defects of Locomotor Apparatus, Prague, Czech Republic

<sup>3)</sup> Faculty of Medical Studies, West Bohemia University, Pilsner, Czech Republic

KUKLIK MILOSLAV (PRAGUE, CZECH REPUBLIC)

**Material tissue properties and mutagenesis: New diagnostic methods across syndromology, genetics and biomechanics**

Genetic department Olšanská 7, Prague, Czech Republic

Department of molecular endocrinology, Institute of Endocrinology, Prague, Czech Republic

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SMRČKA VACLAV<sup>1), 2)</sup>, MARIK IVO<sup>3), 5)</sup>, KUZELKA VITEZSLAV<sup>4)</sup> (PRAGUE, CZECH REPUBLIC)

**Congenital defects of the upper extremity – phylogenesis, ontogenesis, and tissue systems**

<sup>1)</sup> ESME I.L.C. & <sup>2)</sup> Plastic surgery Clinic, University Hospital Bulovka, Prague, Czech Republic

<sup>3)</sup> Ambulant Centre for Defects of Locomotor Apparatus, Prague, Czech Republic

<sup>4)</sup> Dpt. of anthropology, National Museum, Prague, Czech Republic

<sup>5)</sup> Faculty of Medical Studies, West Bohemia University, Pilsner, Czech Republic

## **SESSION II – DIAGNOSTICS AND COMPREHENSIVE TREATMENT**

**Chairmen:** KARSKI TOMASZ, VACLAV SMRČKA

MARIK IVO<sup>1, 5)</sup>, MYSLIVEC RADEK<sup>2, 1)</sup>, MARIKOVA ALENA<sup>1)</sup>, ZEMKOVA DANIELA<sup>3, 1)</sup>, PETRASOVA SARKA<sup>1)</sup>, SMRČKA VACLAV<sup>4)</sup> (PRAGUE, CZECH REPUBLIC)

**Reconstructive surgery of rare upper limb congenital defects: 3 case reports**

<sup>1)</sup> Ambulant Centre for Defects of Locomotor Apparatus, Prague, Czech Republic

<sup>2)</sup> Othopaedic-Traumatologic Department, Regional Hospital Pribram, Czech Republic

<sup>3)</sup> Pediatric Dpt., University Hospital Motol, Prague, Czech Republic

<sup>4)</sup> ESME I.L.C., Prague, Czech Republic

<sup>5)</sup> Faculty of Medical Studies, West Bohemia University, Pilsner, Czech Republic

POPKO JANUSZ, KARPIŃSKI MICHAŁ, GUSZCZYN TOMASZ (BIAŁYSTOK, POLAND)

**Clinical value of neonatal screening for congenital dysplasia of the hip: 20 years evaluation of the effectiveness of ultrasound screening**

*Department of Pediatric Orthopedics and Traumatology Medical University of Bialystok, Poland*

KARSKI TOMASZ<sup>1)</sup>, KARSKI JACEK<sup>2)</sup>, KĘDZIERSKI ZBIGNIEW<sup>3)</sup> (LUBLIN, POLAND)

**“Imperfect hips” - clinical symptoms in two types of functional insufficiency with pain – after years with full signals of arthrosis**

<sup>1)</sup> Vincent Pol University in Lublin,

<sup>2)</sup> Medical University of Lublin,

<sup>3)</sup> Military Hospital in Lublin, Poland

YEFIMOV ALEKSANDR A., STRELNIKOV ALEKSANDR V., KLEYMENOV V.N. (KALININGRAD, RUSSIA)

**Anatomic and functional profile and index of therapeutic reactivity as a means of treatment and rehabilitation programme management**

*Federal State Institution Children's Orthopedic Sanatorium «Pionersk», Ministry of Health, Russia*

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## POSTER SESSION – GENETICS OF GROWTH SKELETAL DISORDERS

**Chairmen:** DUDIN MIKHAIL, KARSKI TOMASZ

**Speaker:** SHASHKO ALEKSEY

DUDIN MIKHAIL, KAZEMIRSKY V., TSVETKOV T., HADZHAEV B. (ST. PETERSBURG, RUSSIA)

### **The question of coxarthrosis early diagnosis in teenagers by “tensometry”**

*Children's Rehabilitation Center of Orthopedics and Traumatology „Ogonyok” St. Petersburg, Russia*

KHAIMINA TATIANA<sup>1)</sup>, AVALIANI TATIANA<sup>2)</sup>, KARPENKO MARINA<sup>2)</sup>, DUDIN MIKHAIL<sup>1)</sup> (SAINT-PETERSBURG, RUSSIA)

### **Features the right and left scoliosis**

<sup>1)</sup> *State Institution of Health Service Saint Petersburg Rehabilitative Centre of Pediatric Trauma and Orthopaedics “Ogonyok”, Saint-Petersburg, Russia*

<sup>2)</sup> *Institute of experimental medicine of the NorthWest Branch of the Russian Academy of Medical Sciences, Saint-Petersburg, Russia*

BITIYUKOV KONSTANTIN (SAINT-PETERSBURG, RUSSIA)

### **Scoliosis curve effect on external respiration**

*State Institution of Health Service Saint Petersburg Rehabilitative Centre of Pediatric Trauma and Orthopaedics “Ogonyok”. St. Petersburg, Russia*

RYBKA DINA, ARSENEV ALEKSEY, ARSENEVA MARINA (ST. PETERSBURG, RUSSIA)

### **Age differences of ultrasound features of lower limbs germ zones in children**

*Children's Rehabilitation Center of Orthopedics and Traumatology „Ogonyok” St. Petersburg, Russia*

YEFIMOV A.A., GURINOVICH Y.V. (KALININGRAD, RUSSIA)

### **The results of the screening diagnosis of spinal pathology in children through mobile orthopaedic laboratory in Russia and Poland in the framework of international cooperation**

*Federal State Institution Children's Orthopedic Sanatorium «Pionersk», Ministry of Health, Russia*

KARSKI TOMASZ<sup>1)</sup>, KARSKI JACEK<sup>2)</sup> (LUBLIN, POLAND)

### **So called idiopathic scoliosis. Biomechanical aetiology. New classification.**

#### **Treatment and prophylaxis**

<sup>1)</sup> *Vincent Pol University in Lublin,*

<sup>2)</sup> *Medical University of Lublin, Poland*

FAMILY PHOTO OF PARTICIPANTS ON HOSPITAL'S STAIRS AND BEFORE HOSPITAL

LUNCH BREAK (Lunch in the HUSAR Hotel, 14.00)

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15.30 – 18.30 AFTERNOON SESSIONS

## SESSION III – **DIAGNOSTICS AND COMPREHENSIVE TREATMENT**

**Chairmen:** MIKHAIL DUDIN, IVO MARIK, MOHAMED ALAMELDIN

DUDIN MIKHAIL, PINCHUK DMITRY, PECHERSKY VIKTOR, AVALIANY TATYANA, KHAYMINA TATYANA  
(ST. PETERSBURG, RUSSIA)

### **Risk group of AIS is the key to its prophylaxis**

*Children's Rehabilitation Center of Orthopedics and Traumatology „Ogonyok” St. Petersburg, Russia*

AKIZHANOVA IRINA, KASSENOVA MADINA, SVETLICHNAYA SNEZHANNA (ALMATY, KAZAKHSTAN)

### **Echographic peculiarities of the growing zones of humerus, femur and tibia in different age of children**

*Department of radiological and functional diagnostics,, Institute of postgraduate education, Asfendiyarov Kazakh National Medical University, Almaty, Kazakhstan*

AKIZHANOVA IRINA, ARTYKBAYEVA A.R. (ALMATY, KAZAKHSTAN)

### **Ultrasound visualizations of pathomorphologic changes in joints of patients with rheumatic diseases**

*Department of radiology and functional diagnostics, Institute of postgraduate education, Asfendiyarov Kazakh National Medical University, Almaty, Kazakhstan*

MARIK IVO<sup>1, 3)</sup>, MARIKOVA ALENA<sup>1)</sup>, ZEMKOVA DANIELA<sup>1, 2)</sup>, MYSLIVEC RADEK<sup>1, 4)</sup>, KUKLIK MILOSLAV<sup>5)</sup>, SMRČKA VACLAV<sup>6)</sup>, KOZŁOWSKI KAZIMIERZ<sup>7)</sup> (PRAGUE, CZECH REPUBLIC, SYDNEY, AUSTRALIA)

### **Possibilities of comprehensive care for genetic skeletal disorders at present**

<sup>1)</sup> Ambulant Centre for defects of Locomotor apparatus, I.I.c., Prague, Czech Republic

<sup>2)</sup> Pediatric Dpt., University Hospital Motol, Prague, Czech Republic

<sup>3)</sup> Faculty of Medical Studies, West Bohemia University, Pilsner, Czech Republic

<sup>4)</sup> Othopaedic-Traumatologic Department, Regional Hospital Pribram, Czech Republic

<sup>5)</sup> Genetic department Olšanská 7, Prague, Czech Republic

<sup>6)</sup> ESME I.I.c., Prague, Czech Republic

<sup>7)</sup> Radiological Department of Westmead NSW 2145, Sydney, Australia

KOLESNICHENKO VERA, LITVINENKO KONSTANTIN, MA CONG (KHARKOV, UKRAINE)

### **Comparison of postural control in unilateral stance between healthy control and patients with lumbar disc herniation and degenerative lumbar spondylolisthesis before and after lumbar posterior fusion**

*SI “Sytenko Institute of Spine and Joint Pathology National Academy of Medical Sciences of Ukraine”, Kharkov, Ukraine*

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PUGACHEVA NATALYA (ST. PETERSBURG, RUSSIA)

**Conservative treatment effect on AIS progression**

*Children's Rehabilitation Center of Orthopedics and Traumatology „Ogonyok“ St. Petersburg, Russia*

ALAMELDIN MOHAMED (SOHAG, EGYPT)

**Anterior cervical discectomy for one- and two-level cervical disc disease: the effect of anterior plating**

*Sohag faculty of medicine, Sohag, Egypt*

## **TUESDAY, SEPTEMBER 23, 2014**

9.00 – 14.00 MORNING SESSIONS

Note: In every session every lecture 20 min. (with discussion)

### **SESSION IV – ORTHOPAEDIC ANTHROPOLOGY. BIOMECHANICS**

**Chairmen:** JACEK KARSKI, ALEKSEY SHASHKO

SHASHKO ALEKSEY, KURCHENKO SERGEY (ST. PETERSBURG, RUSSIA)

**Study of photodynamic impact on growth plates of long tubular bones in growing animals**

*Children's Rehabilitation Center of Orthopedics and Traumatology „Ogonyok“ St. Petersburg, Russia*

ARSENIYEV ALEKSEY, KHAYMINA TATYANA, DUDIN MIKHAIL (SAINT-PETERSBURG, RUSSIA)

**Asymmetrical limb growth in a patient with curtius syndrome: a case study**

*Children's Rehabilitation Center of Orthopedics and Traumatology „Ogonyok“ St. Petersburg, Russia*

KALAKUCKI JAROSŁAW, KARSKI JACEK, KANDZIERSKI GRZEGORZ (LUBLIN, POLAND)

**Temporary asymmetric blocking of growth plates in treatment of long bone axis and length disturbances in children.**

*Medical University of Lublin, Poland*

PETRASOVA SARKA<sup>1)</sup>, MYSLIVEC RADEK<sup>1, 3)</sup>, ZEMKOVA DANIELA<sup>1, 2)</sup>, MARIK IVO<sup>1, 4)</sup> (PRAGUE, CZECH REPUBLIC)

**Hemi-epiphysiodesis at the knee region: long-term results of Ambulant Centre for Defects of Locomotor Apparatus, Prague, CZ**

<sup>1)</sup> Ambulant Centre for Defects of Locomotor Apparatus; Prague; Czech Republic

<sup>2)</sup> Dept. of Paediatrics; University Hospital Motol; Prague; Czech Republic

<sup>3)</sup> Orthopaedic and Traumatology Department, Hospital Pribram, Czech Republic

<sup>4)</sup> Faculty of Medical Studies, West Bohemia University, Pilsner, Czech Republic

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KARSKI JACEK<sup>1)</sup>, KARSKI TOMASZ<sup>2)</sup>, KALAKUCKI JAROSŁAW<sup>1)</sup>, OKOŃSKI MAREK<sup>1)</sup> (LUBLIN, POLAND)

**“Syndrome of contractures and deformities” and its causal influence in dysplasia of hips, wry neck, Blount disease and so-called idiopathic scoliosis**

1) Medical University of Lublin

2) Vincent Pol University in Lublin, Poland

OKOŃSKI MAREK, KARSKI JACEK (LUBLIN, POLAND)

**Spastic hip - clinical and radiological development**

Medical University of Lublin, Poland

## **SESSION V – ORTHOPAEDIC ANTHROPOLOGY. BIOMECHANICS**

**Chairmen:** DMITRI TESA KOV, PYRC JAROSŁAW

TESAKOV DMITRY K., TESAKOVA D.D., BELETSKY A.V., GIGKO-MIKHASEVITCH N.O. (BELARUS, MINSK)

**Radiological features of bone growth of the pelvis and spine in patients with idiopathic scoliosis**

Republic Scientific-Research Center of traumatology and orthopedic surgery Belarus, Minsk

CERNY PAVEL<sup>1, 3)</sup>, MARIK IVO<sup>2, 3)</sup>, PALLOVA IVETA<sup>1)</sup> (PRAGUE, CZECH REPUBLIC)

**The radiographic method for evaluation of axial vertebral rotation – presentation of the new method**

<sup>1)</sup> ORTOTIKA I.I.c., Prague, Czech Republic

<sup>2)</sup> Ambulant Centre for Defects of Locomotor Apparatus I.I.c., Prague, Czech Republic

<sup>3)</sup> Faculty of Medical Studies, West Bohemia University, Pilsner, Czech Republic

DOMAŃSKI KRZYSZTOF, KWIATKOWSKI MICHAŁ, POPKO JANUSZ (BIALYSTOK, POLAND)

**Effect of bracing on the quality of life of adolescents with idiopathic scoliosis**

Department of Pediatric Orthopaedics and Traumatology, Medical University of Białystok, Poland

PYRC JAROSŁAW (DRESDEN, GERMANY)

**Biomechanics of proximal femur due to pertrochanteric fracture**

**How important are accurate reduction and implant placing by treatment of proximal femur fractures**

Centre of orthopaedic and trauma surgery, University Carl Gustav Carus, Dresden, Germany

KARSKI JACEK, OKOŃSKI MAREK (LUBLIN, POLAND)

**Sinus tarsi – key in the treatment of flat feet**

Medical University of Lublin, Poland

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## 15.30 – 18.30 AFTERNOON SESSIONS

### SESSION VI – BIOMECHANICS

**Chairmen:** MIROSLAV PETRTYL, JANA PARIZKOVA

PETRTYL MIROSLAV<sup>1)</sup>, DENK FRANTISEK<sup>1)</sup>, MARIK IVO<sup>2, 3)</sup> (PRAGUE, CZECH REPUBLIC)

#### **Acceleration of new bone formation in callus**

<sup>1)</sup> *Laboratory of Biomechanics and Biomaterial Engineering, Faculty of Civ. Engineering, Czech Technical University in Prague, Czech Republic*

<sup>2)</sup> *Ambulant Centre for Defects of Locomotor Apparatus, Prague, Czech Republic*

<sup>3)</sup> *Faculty of Medical Studies, West Bohemia University, Pilsner, Czech Republic*

MYSLIVEC RADEK<sup>1, 3)</sup>, MARIK IVO<sup>1, 4)</sup>, PETRASOVA SARKA<sup>1)</sup>, ZEMKOVA DANIELA<sup>1, 2)</sup>, MARIKOVA ALENA<sup>1)</sup>  
(PRAGUE, CZECH REPUBLIC)

#### **Radiographic assessment of lengthening callus strength: comparison of achondroplasia and unilateral hypoplasia**

<sup>1)</sup> *Ambulant Centre for Defects of Locomotor Apparatus, Prague, Czech Republic*

<sup>2)</sup> *Paediatric Department, University Hospital Motol, Prague, Czech Republic*

<sup>3)</sup> *Othopaedic-Traumatologic Department, Regional Hospital Pilsbram, Czech Republic*

<sup>4)</sup> *Faculty of Medical Studies, West Bohemia University, Pilsner, Czech Republic*

### SESSION VII – VARIA

**Chairmen:** JANA PARIZKOVA, MIROSLAV PETRTYL

SEDLAK PETR<sup>1)</sup>, PARÍZKOVÁ JANA<sup>2)</sup>, VIGNEROVÁ JANA<sup>3)</sup>, DANIŠ ROBERT<sup>1)</sup>, DVORÁKOVÁ HANA<sup>4)</sup>  
(PRAGUE, CZECH REPUBLIC)

#### **Changes of body composition and motor abilities of preschool children during last five decades**

<sup>1)</sup> *Department. of Anthropology and Human Genetics, Faculty of Science, Charles University in Prague, Prague, Czech Republic*

<sup>2)</sup> *Obesity Management Centre, Institute of Endocrinology, Prague, Czech Republic*

<sup>3)</sup> *The National Institute of Public Health, Prague, Czech Republic*

<sup>4)</sup> *Faculty of Education, Charles University in Prague, Prague, Czech Republic*

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MICHAŁ KARPIŃSKI<sup>1)</sup>, GALICKA A.<sup>2)</sup>, MILEWSKI R.<sup>3)</sup>, POPKO JANUSZ<sup>1)</sup> (BIAŁYSTOK, POLAND)

**Risk factors of low-energy fractures in children from mixed rural and urban Podlasie region**

<sup>1)</sup> Department of Pediatric Orthopedics and Traumatology

<sup>2)</sup> Department of Medical Chemistry

<sup>3)</sup> Department of Statistics and Medical Informatics, Medical University of Białystok, Poland

PAŘÍZKOVÁ JANA (PRAGUE, CZECH REPUBLIC)

**Bone fractures in obese children and adolescents**

*Obesity Management Centre, Institute of endocrinology, Prague, Czech Republic*

CSENGE SZEVERENYI (DEBRECEN HUNGARY)

**Historical review of clubfoot treatment**

*Department of Orthopaedic Surgery, University of Debrecen, Clinical Center, Debrecen, Hungary*

WAMSER-KRASZNAI WALTRUD, KRASZNAI PETÚR (FRANKFURT AM MAIN, GERMANY)

**Symptoms of disease on antique figures?**

*DE- Butzbach / Frankfurt am Main*

ROMANOWSKI RICHARD (MALMOE, SWEDEN)

**Evidence Based Intermittent Pneumatic Compression (EBIPC) method**

*Rehabilitation Praxis. Malmoe, Sweden*

23<sup>rd</sup> SEPTEMBER (TUESDAY) Banquet in HUSAR Hotel. Beginning at 19.30

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## WEDNESDAY, SEPTEMBER 24, 2014

8.45 – 12.00 MORNING SESSIONS

Note: In every session every lecture 20 min. (with discussion)

### SESSION VIII – VARIA

**Chairmen:** ZBIGNIEW KĘDZIERSKI, IVO MARIK

OCHEN PAUL<sup>1), 2)</sup> (UGANDA)

**Challenges for treating and managing disabilities in Uganda (20 min.)**

<sup>1)</sup> Afaayo Child Health education and Rehabilitation Unit (ACHERU), Mukono, Uganda

<sup>2)</sup> Bachelor of Science Physiotherapy student, University of Vincent Pol, Lublin- Poland

NEFF GEORG (BERLIN, GERMANY)

**Orthopaedics, Prosthetics and Orthotics in the Third World Countries (45 min.)**

*Berlin, Germany*

10.00 – 12.00 WORKSHOP HAND SURGERY

### APPLICATION DURING THE SYMPOSIUM REGISTRATION

**Chairmen:** KARSKI JACEK

**Lecturer:** SMRCKA VACLAV (PRAGUE, CZECH REPUBLIC)

*ESME I.I.c. & Plastic surgery Clinic, University Hospital Bulovka, Prague, Czech Republic*

#### **Titles of lectures:**

1. Flexor Tendon Repair
2. Extensor Tendon Repair (with Mallet Finger, Swan-neck Deformity and Boutonnière Deformity)
3. Skin Loss Defects and Replantation
4. Carpal Tunnel Syndrome/Release,
5. Tendinitis
6. Dupuytren's Disease.

EXCURSION TO KOZŁÓWKA BY BUS AT 12.00.

Visiting of two museums Maybe it will not be possible!

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On back journey lunch / dinner at DWÓR ANNA (16.00 – 19.00).

## **UNCEREMONIOUS CLOSING OF THE SYMPOSIUM**

About 19.30 back travel to Lublin / Hotel.

## **NOTES FOR ALL PARTICIPANTS**

Lectures and text slides will be presented in English. Time of the individual lectures contains time for discussion – about 20 min! A list of lectures (posters) and chairmen of sessions can be changed!

**Conference fee 10 Euros will be paid during registration. Payment for Banquet in HUSAR Hotel approximately 44 Euros and for Dinner / Supper in Dwor Anna approximately 20 € also paid during registration. Accommodation in Hotels everybody pays independently.**

Abstracts of lectures will be published (electronic edition) in the Supplement of the journal Locomotor System 3–4/2014 (<http://www.pojivo.cz/en/newsletter>).

Participants will receive the Symposium programme and Certificate of Attendance

## **THURSDAY, SEPTEMBER 25, 2014 – DEPARTURE**

### **ADDITIONAL INFORMATION**

The HUSAR Hotel is located within a walking distance from the Symposium venue (8–10 minutes on foot, approx. 350 meters)

The cost of the stay in the Husar Hotel is: Double room – 22 € / Single room – 31 €

Coffee & tea during Symposium in the Hospital

### **Secretary of the Symposium**

**Associate Professor Ivo Marik, MD, PhD.**

Prague, Czech Republic, E-mail: [ambul\\_centrum@volny.cz](mailto:ambul_centrum@volny.cz)

&

**Jacek Karski MD PhD.**

Lublin, Poland, E-mail: [jkarski@vp.pl](mailto:jkarski@vp.pl)

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Speech of welcome to

# **The 16<sup>th</sup> Prague-Lublin-Sydney-St Petersburg Symposium – Disorders of growth and Defects of growth epiphysis**

Prague, September 22, 2014

**Ladies and Gentlemen, Dear Colleagues**

It is my great pleasure to welcome you all at the 16<sup>th</sup> Symposium Prague-Lublin-Sydney-St Petersburg taking place on the days between the 21<sup>st</sup> and the 25<sup>th</sup> of September 2014, here in Lublin.

It is an honor for us to host the participants of the Symposium, which is an important event for orthopedics in Europe.

I am very happy and proud that it is taking place right now and right here in Lublin in our Hospital.

I would like to thank the members of the Scientific Committee for preparing and now participating in the Symposium. Many thanks to the authors for their contributions and numerous works prepared for the Symposium.

Two organizers of the Symposium should be greeted especially warm and these are:

- Professor Ivo Marik with his team from Prague
- Professor Michail Dunin with his team from St. Petersburg

Welcome to all our guests from Czech Republic, Russia, Hungary, Germany, Kazakhstan, Ukraine, Egypt, Sweden, Uganda, and Poland.

I hope that the hospitable atmosphere of the Symposium in Lublin will stimulate the exchange of specialist knowledge during the sessions as well as allow to relax and enjoy the stay in our city.

Colonel Zbigniew Kędzierski MD, PhD

Commandant of the 1<sup>st</sup> Military Clinical Hospital  
with Polyclinic in Lublin, Poland

**Ladies and gentlemen, dear colleagues,**

I and my team from St. Petersburg Children's Rehabilitation Center of Orthopedics and Traumatology "Ogonyok" are heartily glad to congratulate all the participants of the 16<sup>th</sup> Prague-Lublin-Sydney-St. Petersburg Symposium with a new meeting in the welcoming Lublin.

We are very pleased that after our memorable meeting with Professor Tomasz Karski in Poznan at the Congress IRSSD 2012 you took us in your community. I hope that you still have a good impression of the XV Prague-Lublin-Sydney Symposium at St. Petersburg, where there was a discussion on various aspects of the musculoskeletal system problems.

I, as participant of many international symposia and congresses in orthopedics, want to emphasize that only in interdisciplinary cooperation we could achieve success in our ancient profession – medicine. I hope that the new exchange of views and opinions would serve as an impetus to creative research for all the participants of the Symposium.

Sincerely yours

**Professor Mikhail Dudin**

Director of Children's Rehabilitation Center of Orthopedics  
and Traumatology "Ogonyok" St. Petersburg, Russia

## **Dear Ladies and Gentlemen, dear Participants and Friends of the 16<sup>th</sup> Prague-Lublin-Sydney-St. Petersburg Symposium**

I am honoured to welcome you at this 16th Scientific International Orthopaedic Meeting. It was and it is possible thanks to Professor Ivo Marik from Prague – thanks to his open-mindedness and willingness to review tendencies and interdisciplinary problems in research and treatment of musculoskeletal disorders especially from the point of orthopaedic surgery, rehabilitation, orthopaedic prosthetics and biomechanics view, as well as his endeavour to learn and to teach mutually.

I met my friend Professor Ivo Marik in Bratislava in Cervenansky Days, many years ago (1997/1998). After my lectures about spine disorders Professor Marik come to me and ask for a more detailed explanation of my lecture. That is how our friendly meetings in field of orthopaedics started. Since then the permanent and fruitful cooperation between Prague – Lublin has been going on.

I wish all orthopaedic surgeons to be as open and active and searching for the truth in science as Professor Ivo Marik. We all should remember the words of Hippocrates: “There are in fact two things; science and opinion. The former begets knowledge, the latter – ignorance”.

I wish all participants of this Symposium to stay really connected with knowledge and science. I wish you all to have interesting presentations and successful discussions, as well as pleasant stay in Lublin. You all, from all countries, are our friends, you all are welcome in Lublin.

**Prof. Tomasz Karski MD PhD**

Former head of the Paediatric Orthopaedic and Rehabilitation Department  
of Medical University in Lublin (1995–2009)

Actually: Professor Lecturer in Vincent Pol University in Lublin

## **Dear participants, my dear colleagues,**

As a founder and one of the organizers of the Symposium I would like cordially to welcome you at this international event that is also held on the opportunity of anniversaries of Professor Tomasz Karski, MD, PhD and Professor Mikhail Dudin, MD, DSc. I am very pleased that from the bilateral Symposium Prague-Sydney in the year 1998 the Symposium has gradually spread to the Prague-Lublin-Sydney and the Prague – Lublin- Sydney-St. Petersburg Symposium. According to the programme this year we can look forward to outstanding lectures of colleagues from Australia, Belarus, Czech Republic, Egypt, Germany, Hungary, Kazakhstan, Poland, Russia, Sweden, Uganda, Ukraine, i.e. representatives of 12 nations.

My warm thanks belong to all organizers and mainly to the General Director Dr. Zbigniew Kedzierski MD, Mgr. Beata Slowinska from Military University's Hospital and Lady Secretary - Mrs. Halinka Wolyniec in Lublin, last but not least then to Professor Tomasz Karski MD, PhD, Jacek Karski MD, PhD and their family team. I believe that we all spend together three days which amplified our experience and knowledge in the comprehensive care and treatment of disabled patients. I am sure that we enjoy not only from new scientific information, but we can look forward to social occasions due to kind hospitality of the Lublin organizers.

Let me a reminiscence of a few famous persons who significantly inspired me to carry the torch of the Prague-Lublin-Sydney-St. Petersburg Symposium.

Associate Professor Ivo Marik, MD, PhD, FABI

See photos below

1. Professor Kazimierz Kozłowski, Poznań, 2010
2. Professor Michael Bellemore, Praha, 2007
3. Professor Tomasz Karski, Lublin, 2007
4. Professor Mikhail Dudin, St. Petersburg, 2013

I sincerely wish the great success to the 16<sup>th</sup> Prague-Lublin-Sydney-St Petersburg Symposium and I consider the Symposium to be open.



Professor Kazimierz Kozłowski (right), Poznań, 2010



Professor Michael Bellemore (right), Plzeň, 2014



Professor Tomasz Karski, Sarbinowo, 2012



Professor Mikhail Dudin (left), St. Petersburg, 2013