



THE 18TH PRAGUE-LUBLIN-SYDNEY-ST. PETERSBURG SYMPOSIUM

Congenital and acquired disorders of growing skeleton

21ST – 25TH September 2016 | Zwierzyniec (guest house "Zacisze"), District Zamość | Poland







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

invite you for

THE 18TH PRAGUE-LUBLIN-SYDNEY-ST. PETERSBURG SYMPOSIUM

interdisciplinary approach to
CONGENITAL AND ACQUIRED DISORDERS OF GROWING SKELETON

The Symposium will be held under the auspices of

Professor Tomasz Karski, MD, PhD

Emeritus chief of the Pediatric Orthopedic and Rehabilitation Department of Medical University in Lublin, Poland

The Symposium will be held in Zwierzyniec (guest house "Zacisze"), District Zamość, Poland,
21st–25th September 2016



Speech of welcome to

The 18th Prague-Lublin-Sydney-St. Petersburg Symposium – Congenital and acquired disorders of growing skeleton

Dear Friends, Colleagues, and all Participants of the 18th Symposium in Zwierzyniec

We are all – working in the field of orthopedics, rehabilitation, medicine – meet together for the 18th time. The Symposia took place mostly in Prague, but also in Rhodos, Lublin, Sarbinowo, St. Petersburg and last time in Kroměříž. Now, we meet all together in Zwierzyniec. A small town and some years before – even a village. Now, this place is important because you are here. You – the famous orthopedic surgeons, rehabilitant doctors and other medicine specialists from the whole Europe.

As I have been repeatedly said – all these Scientific Meetings – were and are possible thanks to Professor Ivo Mařík and his team from Czech Republic mainly from Prague.

Now, some words about Zwierzyniec – this town is famous because of it's history, which you can learn from a special chapter of the Program of our Symposium. For me this place has a great value, because it is my family town, where I attended Primary School, as well as I observed the sad history of Europe, here in Zwierzyniec, during the Second World War. Such event should never repeat. I want to remind you, that we are all brothers, even double brothers, if we speak similar languages. We should only cooperate for the good of all mankind, and we – doctors – in the field of medicine.

I wish you all, dear Friends, a nice stay in Zwierzyniec and also an interesting visit to Zamość and Krasnobród, which we are planning by our Program.

Professor Tomasz Karski MD PhD

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

Currently: Professor Lecturer in Vincent Pol University in Lublin

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Dear friends!

Allow me to congratulate all of us with yet another meeting in the framework of the 18th Prague-Lublin-Sydney-St. Petersburg Symposium.

I would like to stress, that for the team of 'Ogonyok' Rehabilitation Center, which I am honoured to be head of, it is a celebration of communication with our friends. Our Children's Center of Orthopedics is relatively a new participant of the Symposium and we heartily thank you, our colleagues, for sharing experience and traditions of classical European medicine with us. I hope, that our studies that we present before you, also contribute to the scientific credibility of our society.

I will allow myself to say, that medicine is one of the brunches of development of world civilization. A doctor is not mere mortal, because he or she is given a gift of mysteries of the human body. But the most fascinating thing is that the more we know and understand, the more we realize how lacking our knowledge is. That is why in the present-day age of informational boom, solutions of many medical problems can be found only within interdisciplinary cooperation. This conclusion directly regards the orthopaedics.

Let me quote my fellow countryman, Professor Henry Ivanovich Turner (1858–1941), the founder of children orthopaedics in Russia. He once wrote: "Our tasks are far beyond 'straightening' the children. All the ages give us contingent of clients, who cannot even be called diseased, but only victims of physical mutilation in the whirlpool of life or because of uterine malformation. We cannot set the milestones, definitely marking the limits of our profession, as can urologists, laryngologists, gynecologists, ophthalmologists and other specialists, dealing with a certain body part, certain organ – throat, ear and etc. Our scope is wider in regards of dimension, as we deal with a large area of a body; our tasks are sometimes complicated and various, as we face the necessity to correct the consequences of a vast diversity of reasons. We focus on prevention and correction of outcomes of malformation or acquired flaws of musculoskeletal system functions. Our mission is to reduce the external misshapen forms and to return physical working capacity" ('Selected works': 1958).

Today I would like to express my deep respect to the brilliant Polish orthopaedist, Professor Tomasz Karski. He is the doyen of our Symposium, who achieved the mastery of the great Physician, and to this day, he impresses us all with his energy, love for people and passion in discussions. We wish you long prosperous years ahead of you, pan professor!

Sincerely yours

Professor Mikhail Dudin

Director of Children's Rehabilitation Center of Orthopedics
and Traumatology "Ogonyok" St. Petersburg, Russia
E-mail: ogonek@zdrav.spb.ru

Dear Ladies and Gentlemen, my dear colleagues!

I would like cordially to welcome you all at this international event that is this year organized by the honorary member of the Society for Connective Tissues, Czech Medical Association J.E. Purkyně Professor Tomasz Karski, MD, PhD and his family team.

Allow me, dear Tomasz, give you and your team my great thanks by the name of all participants for your endeavour to prepare for us very interesting and unique social programme in your family town and beautiful country with a lot of wonderful historical towns and monuments. I thank to all participants for long lasting interest in interdisciplinary directed traditional the Prague-Lublin-Sydney-St. Petersburg Symposium because you are inseparable constituent for its realization and repetition. My sincere thanks belong to Mgr. Jan Skiba – mayor of the town Zwierzyniec – for his all-rounded support of this pregnant event. Last but not least my warm thanks belong to other international organizers Jacek Karski MD, PhD (Lublin, Poland), Professor Mikhail Dudin, MD, DSc. & Assist. Prof. Aleksey Shashko, MD (St. Petersburg, Russia) and Petr Krawczyk, MD (Ostrava, Czech Republic).

According to the programme this year we can look forward to outstanding lectures of our colleagues from Australia, Belarus, Czech Republic, Egypt, Germany, Poland, Russia and Ukraine, i.e. representatives of 8 nations. I am very glad that among speakers and lecture co-authors are younger colleagues because in their hands will be to carry the torch of the Prague-Lublin-Sydney-St. Petersburg Symposium in the near future.

Anyway, I believe that we all spend together five days which amplified our experience and knowledge in the comprehensive care and treatment of disabled patients. I wish you enjoy from new scientific information and I sincerely recommend you to make new friendships and establish international relations that should help you for arrangement of an international interdisciplinary scientific research.

Let me give you the best regards of Professor Kazimierz Kozłowski from Sydney, a big scientific person born in Poznań. He was the main initiator of the 1st Prague-Sydney Symposium in 1998 and he had been presented in the Symposium to 2007.

At the end of my speech let me a reminiscence of a few moments that we spent together in historical Kroměříž where most of us met last year.

See photos.

I cordially wish the great success to the 18th Prague-Lublin-Sydney-St Petersburg Symposium and I consider the Symposium to be open!

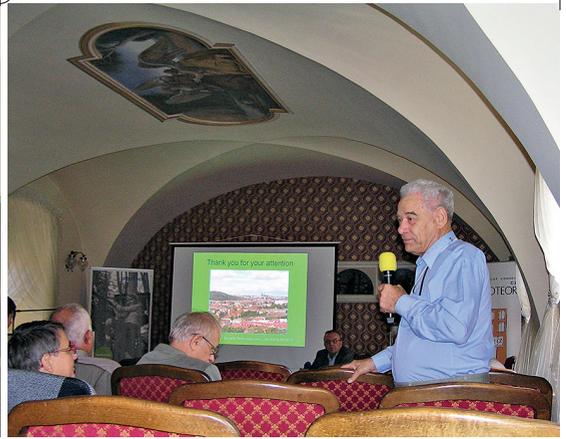
Professor Ivo Marik, MD, PhD, FABI

Chief of the Centre for Patients with Locomotor Defects, Prague, CZ
President of the Society for Connective Tissue, Czech Medical Association, J.E. Purkyně
Scientific secretary of the Society for prosthetics and orthotics Czech Medical Association J. E. Purkyně
Chief-Editor of the journal Locomotor System – advances in research, diagnostics and therapy
E-mail: ambul_centrum@volny.cz









Dear Ladies and Gentlemen,

I have the pleasure and the honor to welcome highly esteemed scientists guests of world in the field of medicine to the beautiful land of Roztocze – to Zwierzyniec – the most beautiful part of it.

In earlier times during the seventeenth century even kings of Poland would visit this place as well as other famous people from various fields of science and culture including: Stanislaw Staszic, Maria Kuncewiczowa, Isaac Singer, Zofia Nałkowska, Jerzy Duda-Gracz, Wojciech Kossak.

This place has special magic attracting respectable people. Beautiful landscapes and nature give respite and inspiration to work. Today, I want to express my thanks to Prof. Karski for invitation – of you All – nice guests to Zwierzyniec and also I want to wish you all a pleasant stay, both in terms of research as well as cognitive – recreation during your time here at the Symposium.

I wish you every success.

Jan Skiba

Mayor of Zwierzyniec, Poland

HISTORY OF ZWIERZYNIEC

The town was founded in 1593 on Szczepieszyn land, incorporated in Zamoyski Family Fee Tail by Jan Zamoyski. A second in Poland hunting park was created in this area. It was surrounded by a 30-kilometer fence and a grand larch court was built. This contributed to the creation of the town and its name.

In the 17th century Zamoyski family hosted many noble guests: King Władysław IV, King Jan Kazimierz, King Michał Korybut Wiśniowski. It was here, where Jan Sobieski and Maria Kazimiera D'Arquien fell in love. In 1741–1747, Teresa and Tomasz Zamoyski founded a baroque church on one of the islands of the lake, in gratitude for the birth of their son. In the early 19th century, the management of Zamoyski Family Fee Tail was moved to Zwierzyniec, which contributed to the town's growth and prosperity. Many houses for the officials were constructed and experts from England, Italy and Germany were employed. They worked in enterprises like the first in Poland (1804) agricultural machines factory, or the brewery (1806), which is functioning till today. During the November Uprising, Zwierzyniec was a stop for the army of general Józef Dwernicki and general Piotr Wysocki. During the January Uprising a victorious battle of Panasówka took place and its victims, together with a Hungarian Volunteer, Edward Nyary, were buried in the town. In 1901 Józef Piłsudski found shelter here, and local woodsmen helped him to get to Galicja.

At the turn of 19th and 20th century Zwierzyniec became a popular holiday destination, but it was not saved from the wars. The First World War left its traces in the cemetery. Troops of



general Stefan Rowecki and general Stanisław Sosabowski marched through the town in September 1939. Many people found refuge in the estate, for example general Stanisław Tatar and Jerzy Wasowski. During German occupation it was AK (National Army) station.

In Zwierzyniec, German Nazi organised a camp for French prisoners, later transformed into a concentration camp for the pacified and displaced people from Zamość district. Jan Zamoyski and his wife Róża, were personally engaged into rescuing children from this camp. Now in the place of Nazi Camp – there is a beautiful Catholic Church.

In 1944 Zwierzyniec but especially Rudka were burned. Houses were destroyed, remained only cinders, jutting chimneys, ruins. Only the apiary of my parents was spared. We come back from forest closely to village Guciów and we didn't have a place to stay, we didn't have what to eat.

Eventually, Zwierzyniec reconstructed destroyed houses and build new districts. Rudka was no longer a village, but became a street in the town.

In 1990 Zwierzyniec received town character.

Jan Skiba

Mayor of Zwierzyniec, Poland

and Tomasz Karski

SYMPOSIUM PROGRAMME

WEDNESDAY, SEPTEMBER 21, 2016

Arrival to Zwierzyniec (Address: guest house "Zacisze" Rudka Street 5B).
Zwierzyniec is placed 25 km to the west from Zamość, 18 km easterly to Biłgoraj or 100 km to the south of Lublin

19.30 CELEBRATING SUPPER

THURSDAY, SEPTEMBER 22, 2016

7.30 – 8.30 BREAKFAST

9.00 REGISTRATION OF PARTICIPANTS

Note: Symposium fee is 50 Euros - it contains all social and leisure activities

10.00 OPENING OF THE SYMPOSIUM

WELCOME SPEECHES

PROFESSOR TOMASZ KARSKI

PROFESSOR MIKHAIL DUDIN

PROFESSOR IVO MARIK

MGR JAN SKIBA – MAYOR OF TOWN ZWIERZYNIEC: HISTORY OF THE TOWN

MUSIC TEAM FROM ZWIERZYNIEC



11.00 – 14.00 **SESSIONS I**

SPINE DISORDERS – PATHOGENESIS, DIAGNOSIS AND TREATMENT

Chairmen: KARSKI TOMASZ, DUDIN MIKHAIL, MARIK IVO

DUDIN MIKHAIL GEORGIYEVICH, KHAIMINA TATIANA VLADIMIROVNA, AVALIANI TATIANA VARLAAMOVNA, PINCHUK DMITRY YURYEVICH (ST. PETERSBURG, RUSSIA)

The role of factors of pose assymetry in the process of transition of a healthy spine into a scoliotic one

Children's Rehabilitation Center of Orthopaedics and Traumatology «Ogonyok», St. Petersburg, Russia

DUDIN MIKHAIL GEORGIYEVICH (ST. PETERSBURG, RUSSIA)

Ideology of conservative treatment of AIS in Children's Rehabilitation Center of Orthopedics and Traumatology "Ogonyok"

Children's Rehabilitation Center of Orthopaedics and Traumatology «Ogonyok», St. Petersburg, Russia

COFFEE BREAK

DUDIN MIKHAIL GEORGIYEVICH (ST. PETERSBURG, RUSSIA)

Prevention of AIS as a pathological 3D deformation of the spine.

Children's Rehabilitation Center of Orthopaedics and Traumatology «Ogonyok», St. Petersburg, Russia

RYBKA DINA OLEGOVNA, DUDIN MIKHAIL GEORGIYEVICH (ST. PETERSBURG, RUSSIA)

Ultrasound of paravertebral muscles in adolescent idiopathic scoliosis (AIS)

Children's Rehabilitation Center of Orthopaedics and Traumatology «Ogonyok», St. Petersburg, Russia

CERNY PAVEL^{1,2)}, STOLINSKI LUKASZ^{3,4,5)}, DRNKOVA JANA²⁾, CZAPROWSKI DARIUS⁷⁾, KOSTEAS, ANDREAS²⁾, MARIK IVO^{1,6)} (PRAGUE, CZECH REPUBLIC)

Skeletal Deformities Measurements of X-ray Images and Photos on the Computer

¹⁾ Faculty of Health Care Studies, West Bohemia University, Pilsen, Czech Republic

²⁾ ORTOTIKA, I.L.c., Prague, Czech Republic

³⁾ Rehasport Clinic, Poznan, Poland

⁴⁾ Spine Disorders and Pediatric Orthopedics Department, University of Medical Sciences, Poznan, Poland

⁵⁾ The Institute fighting with pain, Rehasport Clinic Licensed Rehabilitation Center, Skierniewice, Poland

⁶⁾ Ambulant Centre for Defects of Locomotor Apparatus I.L.c., Prague, Czech Republic

⁷⁾ Department of Physiotherapy, Józef Rusiecki University College, Olsztyn, Poland

FAMILY PHOTO OF PARTICIPANTS



14.00 LUNCH BREAK

15.00–18.00 **SESSION II**

SPINE DISORDERS – PATHOGENESIS, DIAGNOSIS AND TREATMENT – VARIA

Chairmen: KARSKI JACEK, KOLESNICHENKO VERA, ZEMKOVA DANIELA

JUNG MICHAEL¹, LANDENBERGER M², JUNG T³, LINDENTHAL T⁴, PHILIPPI⁵ (FRANKFURT (MAIN), GERMANY)

Infantile postural asymmetry and physical therapy – a randomized controlled trial

¹ Carl Remigius Medical School, Frankfurt (Main), Germany

² Medical Faculties, Martin Luther University Halle-Wittenberg, Germany

³ Johannes Gutenberg University Mainz, Germany

⁴ Clementine Children`s Hospital Frankfurt (Main), Germany

⁵ Center of Developmental Neurology Frankfurt (Main), Germany

KOLESNICHENKO VERA ANATOLYEVNA, LITVINENKO KONSTANTIN NIKOLAYEVICH /KHARKOV, UKRAINE/

Mechanisms of regulation of vertical posture in asymptomatic volunteers and in patients with lumbar disc degeneration disease

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

COFFEE BREAK

Chairmen: KARSKI JACEK, PAŘÍZKOVÁ JANA, KARSKI TOMASZ

KARSKI JACEK¹, KARSKI TOMASZ² (LUBLIN, POLAND)

Knee problems connected with incorrect seating position. A case report

¹ Pediatric Orthopedic and Rehabilitation Department of Medical University in Lublin

² Vincent Pol University in Lublin, Poland

KARSKI TOMASZ¹, KARSKI JACEK² (LUBLIN, POLAND)

Talo-crural joint (ankle joint) insufficiency and pain in the left leg of drivers – and in the right leg of the passengers. A case report

¹ Vincent Pol University in Lublin, Poland

² Pediatric Orthopedic and Rehabilitation Department of Medical University in Lublin

KARSKI JACEK¹, KARSKI TOMASZ² (LUBLIN, POLAND)

Deformations of the feet, knees, hips, and pelvis in children with Minimal Brain Dysfunction (MBD). Causes. Treatment. Prophylactics.

¹ Pediatric Orthopedic and Rehabilitation Department of Medical University in Lublin

² Vincent Pol University in Lublin, Poland



DOMAGAŁA MARIAN¹⁾, KARSKI TOMASZ²⁾, KARSKI JACEK³⁾, ŻAROFFE BERNARD¹⁾, STOKOWSKA-WOJDA MAŁGORZATA¹⁾,
KOWALSKA MAGDALENA¹⁾ (LASZCZÓW & LUBLIN, POLAND)

Status of locomotors system in the patients from the villages region from south east region of Poland

¹⁾ Medical Center in Laszczów (Director of Center Dr Marian Domagała), Poland

²⁾ Vincent Pol University in Lublin, Poland

³⁾ Pediatric Orthopedic and Rehabilitation Department of Medical University in Lublin

KĘDZIERSKI ZBIGNIEW, KARSKI TOMASZ, SŁOWIŃSKA BEATA, KOWALSKA AGATA, BORYGA BARTOSZ (LUBLIN, POLAND)

Health condition of the population of Poland: a study based on the example of orthopedic patients attending the Rehabilitation Out-Patients Department of the Military Hospital in Lublin in years 2013–2015

^{1st} Clinical Military Hospital and Policlinic in Lublin, Poland

19.00 – SUPPER

FRIDAY, SEPTEMBER 23, 2016

7.30–8.30 BREAKFAST

9.00–14.00 **SESSION III**

DISORDERS OF GROWING SKELETON – ORTHOPAEDIC ANTHROPOLOGY – BIOMECHANICS – VARIA

Chairmen: ZEMKOVA DANIELA, KARSKI JACEK, MARIK IVO

MARIK IVO

65th anniversary of RNDr. Daniela Zemkova, PhD

ZEMKOVÁ DANIELA^{3,1)}, MYSLIVEC RADEK^{4,1)}, PETRASOVA SARKA¹⁾, VALESOVA MONIKA²⁾, FIRYTOVA RITA²⁾,
MARIK IVO^{2,1)} (PRAGUE & PILSEN, CZECH REPUBLIC)

Drilling epiphysiodesis as a method of choice for knee deformity and lower limb discrepancy correction – long term results

¹⁾ Ambulant Centre for Defects of Locomotor Apparatus; Prague; Czech Republic

²⁾ Faculty of Health Care Studies, West Bohemia University; Pilsen, Czech Republic

³⁾ Dept. of Paediatrics; University Hospital Motol; Prague; Czech Republic

⁴⁾ Orthopaedic and Traumatology Department, Hospital Pribram, Czech Republic



PETRASOVA SARKA¹, ZEMKOVA DANIELA^{1,3}, MYSLIVEC RADEK^{4,1}, MARIK IVO^{2,1} (PRAGUE & PILSEN, CZECH REPUBLIC)

Hemi-epiphysiodesis as a suitable method also for crura vara in achondroplasia and hypochondroplasia

¹) *Ambulant Centre for Defects of Locomotor Apparatus; Prague; Czech Republic*

²) *Dept. of Paediatrics; University Hospital Motol; Prague; Czech Republic*

³) *Orthopaedic and Traumatology Department, Hospital Pribram, Czech Republic*

⁴) *Faculty of Health Care Studies, West Bohemia University; Pilsen, Czech Republic*

MARIK IVO^{1,2}, MYSLIVEC RADEK^{4,1}, PETRASOVA SARKA¹, MARIKOVA ALENA¹, ZEMKOVA DANIELA^{3,1} (PRAGUE & PILSEN, CZECH REPUBLIC)

Partial and total epiphysiodesis as a part of reconstructive surgery in severe limb deformities

¹) *Ambulant Centre for Defects of Locomotor Apparatus; Prague; Czech Republic*

²) *Faculty of Health Care Studies, West Bohemia University; Pilsen, Czech Republic*

³) *Dept. of Paediatrics; University Hospital Motol; Prague; Czech Republic*

⁴) *Orthopaedic and Traumatology Department, Hospital Pribram, Czech Republic*

ZEMKOVÁ DANIELA^{3,1}, MARIKOVA ALENA¹, MARIK IVO^{2,1}, (PRAGUE & PILSEN, CZECH REPUBLIC)

Drilling epiphysiodesis as a method of choice for bilateral leg overgrowth: a case report

¹) *Ambulant Centre for Defects of Locomotor Apparatus; Prague; Czech Republic*

²) *Faculty of Health Care Studies, West Bohemia University; Pilsen, Czech Republic*

³) *Dept. of Paediatrics; University Hospital Motol; Prague; Czech Republic*

COFFEE BREAK

Chairmen: ALAMELDIN MOHAMED, KUKLIK MILOSLAV, SAKALOUSKI ALEH

ALAM ELDIN MOHAMED (SOHAG, EGYPT)

Long term functional outcome and complication of using liquid nitrogen freezing for reconstruction of lower limb osteosarcoma in children

Sohag Faculty of Medicine, Sohag, Egypt

BELETSKI ALEKSANDR, SHPILEUSKI IHAR, SAKALOUSKI ALEH (MINSK, BELARUS)

Surgical Treatment of Intraosseous Benign Bone Neoplasms of the Extremities in Children and Adolescents

Belarusian Research Center of Traumatology and Orthopedics, Minsk, Belarus



KUKLIK MILOSLAV⁴⁾, MARIK IVO^{1,2)}, ZEMKOVA DANIELA^{2,3)}, KREPELOVA ANNA⁵⁾, KOZLOWSKI KAZIMIERZ⁶⁾,
POVYSIL CTIBOR⁷⁾ (PRAGUE, CZECH REPUBLIC)

Diastrophic dysplasia: review and a case report

¹⁾ Ambulant Centre for Defects of Locomotor Apparatus; Prague; Czech Republic

²⁾ Faculty of Health Care Studies, West Bohemia University; Pilsen, Czech Republic

³⁾ Dept. of Paediatrics; University Hospital Motol; Prague; Czech Republic

⁴⁾ Genetic Dept.; Czech Republic, Prague 3; Czech Republic

⁵⁾ Dept. of molecular genetics, Institute of biology and medical genetics, University Hospital Motol; Prague; Czech Republic

⁶⁾ New Children Hospital, Westmead, Sydney

⁷⁾ Institute of Pathology, 1st Faculty of Medicine, Charles University, Prague, Czech Republic

KWIATKOWSKI M¹⁾, GUSZCZYŃ T¹⁾, MAKSIMOWICZ M¹⁾, MILEWSKI R²⁾, POPKO J¹⁾ (BIALYSTOK, POLAND)

Evaluation of patients with idiopathic scoliosis treated with thoracolumbar brace

¹⁾ Department of Paediatric Orthopaedics and Traumatology, Białystok, Poland.

²⁾ Department of Statistics and Medical Informatics, Białystok, Poland.

SAKALOUSKI ALEH (MINSK, BELARUS)

Results of Triple Pelvic Osteotomy in Children with Perthes Disease

State Institution "Republican Scientific and Practical Centre of Traumatology and Orthopedics", Minsk, Belarus

14.00 LUNCH BREAK

15.00–17.00 **SESSION IV**

**DISORDERS OF GROWING SKELETON – SURGERY OF CHILDREN
HIPS – ORTHOPAEDIC ORTHOTISTS – BIOMECHANICS**

Chairmen: SAKALOUSKI ALEH, KRAWCZYK PETR, KARSKI TOMASZ

KRAWCZYK PETR (OSTRAVA, CZECH REPUBLIC)

Indications of trunk and extremity orthoses in clinical practice

PROTEOR CZ I.I.c., Ostrava, Czech Republic

KRAWCZYK PETR (OSTRAVA, CZECH REPUBLIC)

Indications of lower and upper limb prostheses

PROTEOR CZ I.I.c., Ostrava, Czech Republic



SAKALOUSKI ALEH (MINSK, BELARUS)

Long-term Results of Posterior Femoral Rotational Osteotomy at Children with DDH

State Institution "Republican Scientific and Practical Centre of Traumatology and Orthopedics", Minsk, Belarus

SAKALOUSKI ALEH (MINSK, BELARUS)

Results of Posterior Rotational Femur Osteotomy in Children with Postseptic Hip Deformity

State Institution "Republican Scientific and Practical Centre of Traumatology and Orthopedics", Minsk, Belarus

POSTERS – VARIA

PETRYL MIROSLAV¹, BALIK KAREL², POVYSIL CTIBOR³, ZALOUKHOVA MARGIT² (PRAGUE, CZECH REPUBLIC)

Submicrostructural domains of the human femoral compact bone

¹ *Czech Technical University, FCE, Department of Mechanics, Laboratory of Biomechanics and Biomaterial Engineering, Prague, Czech Republic*

² *Dept. of Composites and Carbon Materials, Institute of Rock Structure and Mechanics, Academy of Sciences of the Czech Republic, Prague, Czech Republic*

³ *Institute of Pathology, 1st Faculty of Medicine, Charles University, Prague, Czech Republic*

ARSENEV ALEKSEY VALENTINOVICH¹, BALOSHIN YURIY ALEKSANDROVICH³, VASILEVICH SERGEYVIKTOROVICH³, DUDIN MIKHAIL GEORGIVYEVICH¹, KIPKE M.V.², SOROKIN A.A.², SUKHOV T.M.², SUKHOVA M.A.³ (ST. PETERSBURG, RUSSIA)

Hardware-software method for postural abnormalities and spine deformities diagnosis based on digital PHOTO analysis

¹ *SFHI Children's Rehabilitation Center of Orthopaedics and Traumatology „Ogonek“*

² *FSBEI HE Baltic State Technical University „Voenmeh“ Named after D.F. Ustinov*

³ *LLC „Smart-Orto“, St. Petersburg, Russia*

17.00–18.30 SOCIAL PROGRAM: NATURE MUSEUM IN ZWIERZYNIEC. BUS TRANSPORT.

19.00 SUPPER (AS CONTINUATION – GRILL WITH BEER, MUSIC TEAM FROM ZWIERZYNIEC)

FAMILY PHOTO OF PARTICIPANTS

SATURDAY, SEPTEMBER 24, 2016

7.30–8.30 BREAKFAST

9.00–11.00 **SESSION V**

DISORDERS OF GROWING SKELETON – VARIA

Chairmen: ZEMKOVA DANIELA, PARIZKOVÁ JANA, KARSKI JANUSZ

ZEMKOVA DANIELA, HUDÁKOVA OLGA (PRAGUE, CZECH REPUBLIC)

Orthopaedic anthropology: Why we walk or why we use bipedal locomotion

¹⁾ Dept. of Paediatrics; University Hospital Motol; Prague; Czech Republic

²⁾ Ambulant Centre for Defects of Locomotor Apparatus; Prague; Czech Republic

PARIZKOVA JANA

Problems of pain of locomotor system in the obese

Obesity Management Centre, Institute of Endocrinology, Prague, Czech Republic

KARSKI TOMASZ¹⁾, KARSKI JACEK²⁾, KARSKI JANUSZ³⁾, KULKA MAŁGORZATA⁴⁾ (LUBLIN, POLAND)

Problem of the feet. Flexions test in diagnosis of “the sensible and painful foot”.

Physiotherapy. Prophylaxis

¹⁾ Vincent Pol University in Lublin, Poland

²⁾ Pediatric Orthopedic and Rehabilitation Department of Medical University in Lublin

³⁾ Children Sanatorium in Krasnobród / Orthopedic Rehabilitation Ward

⁴⁾ Neurology Department of Medical University in Lublin

KARSKI TOMASZ, KARSKI JANUSZ, ŻURAKOWSKI WOJCIECH /KRASNOBRÓD, POLAND/

„History of Sanatorium, under the name of Dr Janusz Korczak, in Krasnobród”

Children Sanatorium in Krasnobród / Orthopedic Rehabilitation Ward

IVO MARIK & PETR KRAWCZYK, TOMASZ KARSKI & MIKHAIL DUDIN

Closing of the Symposium

Certificates

Planning of the 19th Prague-Lublin-Sydney-St. Petersburg Symposium

COFFEE BREAK



11.30–14.00 SOCIAL PROGRAM: TRIP TO ZAMOŚĆ (CALLED IN ITALIAN: PADOVA DEL NORDE) – BUS TRANSPORT FROM GUEST HOUSE “ZACISZE”

14.30 LUNCH IN ZAMOŚĆ OR IN KRASNOBRÓD

14.30 or 15.30–19.00 VISITING OF CHILDREN REHABILITATION SANATORIUM UNDER THE NAME OF DR JANUSZ KORCZAK IN KRASNOBRÓD. BUS TRANSPORT TO KRASNOBRÓD AND BACK TO ZWIERZYNIC.

20.00 CELEBRATING SUPPER IN GUEST HOUSE “ZACISZE” IN ZWIERZYNIC

SUNDAY, SEPTEMBER 25, 2016

7.30–8.30 CELEBRATORY BREAKFAST

GOOD BYE!



NOTES FOR ALL PARTICIPANTS

Lectures and text slides will be presented in English. Time of the individual lectures is **about 20 min, discussion 5 min**. A list of lectures (posters) and chairmen of sessions can be changed!

Conference fee 50 Euros (it contains social programme & refreshment) will be 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 3-4/2016 (<http://www.pojivo.cz/en/newsletter>).

Participants will receive the Symposium programme & materials and Certificate of the Symposium Attendance

Do not hesitate address your questions to **International Organizers of the Symposium:**

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Professor TOMASZ KARSKI, MD, PhD

Professor Emeritus since 1st October 2009

Professor Tomasz Karski, MD, PhD was born in January 2, 1939 in Rudka (Zwierzyniec) Zamość district (south – east part of Poland). He is the well known paediatric orthopaedic surgeon. In the years 1956–1963 he studied at Medical University in Lublin. In 1963 he received medical doctor degree. During the studies he worked 3 years in Students Scientific Orthopedic Association and later after graduation he began orthopedic career. In 1967 he gained the first grade of specialization, in 1971 the second grade of specialization in orthopedics, orthopedic surgery and traumatology of movement apparatus. In 1972 and 1982 he passed degrees to receive PhD degree and Associate Professor title. In 1993 he was nominated for Professor and President of Poland confer him the scientific degree Professor ordinaries (full Professor). Since 1995 till 2009 he was a Head of Chair and Department of Pediatric Orthopedics and Rehabilitation of Medical University in Lublin / Poland. He is a member of Polish Orthopedic and Traumatology Association (PTOiTr) since 1963. For 12 consecutive years he was elected as Secretary of Lublin Branch (Section) of Polish Orthopedic and Traumatology Association,

for 4 years he was Vice-President of the Section and for next 4 years he was President of the Lublin Section. He participated in scholarships abroad at Orthopedic Departments in a lot of European towns and cities.

Beside honorary memberships in a lot of Associations and Societies he is since 2005 Honorary Member of the Czech Orthopedic and Traumatology Association. His whole life work and scientific successes were awarded by many awards, e.g. award of the Rector of Medical University of Lublin for scientific and educational work (39 times). He received three times award from the Ministry of Health of Poland (1975, 1986, 1993). He was also awarded with medals: "Przyjaciel Dziecka" (1978 r.), "Medal Pamiątkowy Sześćdziesięciolecia TPD" and „Międzynarodowego Roku Dziecka" (1982). In 2006 he was awarded by Honorary Membership of The Society for Connective Tissues, Czech Medical Association, J.E. Purkynje, in 2008 by a Medal of honour of the Czech Medical Association J.E. Purkynje and in 2009 by a Medal for Clinical and Scientific Merits of The Society for Connective Tissues, Czech Medical Association, J.E. Purkynje.

He works in Editorial Board of Polish Hand Surgery, the Journal of Paediatric Orthopaedics part-B (till 2004), Biblioteka Ortopedii Dziecięcej (Pediatric Orthopedics' Library) and the journal Locomotor System – „Pohybové ústrojí" (Czech Republic). He is a member of EPOS since 1985 and a member of Société Internationale de Chirurgie Orthopédique et de Traumatologie (SICOT) since 2002.

Professor Karski described the biomechanical etiopathogenesis of the so-called idiopathic scoliosis (1995–2007) and he is the author of a new rehabilitation treatment of this spine deformity. He is author of 7 original orthopedic devices (apparatus). His clinical research was published in numerous polish and foreign publications. He is author of 6 monographs, author or co-author of 453 papers. After 2009 he published 11 manuscripts. In 2011 he published 4th edition of his monograph about aetiology of the so called idiopathic scoliosis and about new treatment and causal prophylaxis of this spine deformity.

Since 2009 till now he is Orthopaedic Surgeon Consultant in Military Hospital in Lublin and he works as Professor Lecturer in Vincent Pol University / Lublin / Poland, on Faculty of Physiotherapy.

Note:

Professional curriculum vitae of Professor Tomasz Karski, MD, PhD was published in extensor in the journal "Pohybové ústrojí", Vol. 21, 2014, No. 3+4.



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