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

invite you for

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

CONGENITAL AND ACQUIRED DISORDERS OF GROWING SKELETON

The Symposium will be held in Zwierzyniec (pension “Zacisze”),
District Zamość, Poland, 21st–25th September 2016
SYMPOSIUM 1ST PRELIMINARY PROGRAMME

WEDNESDAY, SEPTEMBER 21, 2016

Arrival to Zwierzyniec (Address: Hotel / Pension “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
10.00 – 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 asymmetry 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 PAVEL1,2), STOLINSKI LUKASZ3,4,5), DRNKOVA JANA2), CZAPROWSKI DARIUS7), KOSTEAS, ANDREAS2), MARIK IVO1,6) (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.I.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.I.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: JUNG M, KOLESNICHENKO VERA

Jung M1), Landenberger M2), Jung T3), Lindenthal T4), Philipp5) (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

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

Kolesnichenko Vera Anatolyevna, Litvinenko Konstantin Nikolayevich /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)

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

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

ZEMKOVA DANIELA3,1), MYSLIVEC RADEK4,1), PETRASOVA SARKA1), VALSESOVA MONIKA2), FIRYTOVA RITA2), MARIK IVO2,1) (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
Hemi-epiphysiodesis as a method of choice 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

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

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
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

COFFEE BREAK

Chairmen: KUKLIK MILOSŁAW, ALAMELDIN MOHAMED, ZEMKOVA DANIELA

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

KUKLIK MILOSŁAW4), MARIK IVO1,2), ZEMKOVA DANIELA2,3), KREPELOVÁ ANNA5), KOZŁOWSKI 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
14.00 LUNCH

15.00–17.00 SESSION IV – LECTURES & POSTERS

DISORDERS OF GROWING SKELETON – ORTHOTICS AND PROSTHETICS – BIOMECHANICS – VARIA

Chairmen: KRAWCZYK PETR, MARIK IVO, DUDIN MIKHAIL

Krawczyk Petr1), Marik Ivo2,4), Uchytil Jaroslav3), Sykora Ales1), Zemkova Daniela2), Petrasova Sarka2), Jandačka Daniel3) (Ostrava & Prague, Czech Republic)

Optimization of the weight of the transtibial prosthesis with the use of anthropometry, densitometry and kinematic analysis
1) PROTEOR CZ I.I.C, Ostrava, Czech Republic
2) Ambulant Centre for Defects of Locomotor Apparatu I.I.C, Prague, Czech Republic
3) Diagnostic Centre of Human Movement Pdf, Ostrava University, Czech Republic
4) Faculty of Medical Studies, West Bohemia University, Tylova 59, Pilsen, Czech Republic

Kwiatkowski M1), Guszczyn T1), Maksimowicz M1), Milewski R2), Popko J1) (Bialystok, Poland)

Evaluation of patients with idiopathic scoliosis treated with thoracolumbar brace
1) Department of PaediatricOrthopaedics and Traumatology, Bialystok, Poland.
2) Department of Statistics and Medical Informatics, Bialystok, Poland.

POSTERS

Petryl Miroslav1), Balik Karel2), Povysil Ctibor3), Zaloudkova 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
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

ZEJKÓVA DANIELA (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 MALGORZATA4) (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 Krasnobařd / Orthopedic Rehabilitation Ward
4) Neurology Department of Medical University in Lublin

KARSKI JANUSZ /KRASNOBRÓD, POLAND/
History of Krasnobařd (1977–2016)
Children Sanatorium in Krasnobařd / Orthopedic Rehabilitation Ward

IVO MARIK & PETR KRAWCZYK, TOMASZ KARSKI & MIKHAIL DUDIN
Closing of the Symposium & Certificates & planning
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 HOTEL / PENSION RUDKA 5 B.

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 ZWIERZYNIEC.

20.00 CELEBRATING SUPPER IN PENSION „ZACISZE” IN ZWIERZYNIEC

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 contains time for discussion – about 20 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.


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

Jacek Karski MD PhD.
Lublin, Poland, E-mail: jkarsi@vp.pl

Prof. Tomasz Karski, MD, PhD & Jacek Karski, MD, PhD
e-mail: tmkarski@gmail.com & jkarsi@vp.pl

Prof. Ivo Marik, MD, PhD & Petr Krawczyk, MD
e-mail: ambul_centrum@volny.cz & krawczyk@proteorcz.cz

Prof. Mikhail Dudin, MD, PhD & Assist. Prof. Aleksey Shashko, MD
E-mail: ogonek@zdrav.spb.ru & shravan@mail.ru