

SCIENTIFIC SESSIONS
PLENARY SESSION
ORAL PRESENTATIONS
POSTER PRESENTATIONS
PUBLIC SESSION
MEETING
SCHOOLS
UEMS-PRM Section & Board Session
WORKSHOP
JOINT SESSION
LAB SESSION
BREAK, EXHIBITION AND E-POSTER VIEWING
OPENING/CLOSING CEREMONY



Pacific

8:30-9:00 PLENARY SESSION

Henk Stam (Netherlands): *Acute Medical Rehabilitation: Why, when and how?*

9:00-10:30 JOINT SESSION

Joint Session SAPRM

30 years of Acute Medical Rehabilitation in Clinical Center of Serbia

Chairpersons: **Henk Stam** (Netherlands), **Dragana Matanovic** (Serbia)

Sanja Tomanovic Vujadinovic (Serbia): *Principles of maintaining acute rehabilitation after critical disease*

Dragana Matanovic (Serbia): *Possibility of acute rehabilitation in patients of post reanimation coma in intensive care units*

Andjela Milovanovic (Serbia): *Early rehabilitation after aneurysmal subarachnoid hemorrhage in patients operated in the acute term - when started*

Grajić Mirko (Serbia): *Fall and fracture prevention and gait training in acute rehabilitation*

10:30-11:00 Coffee Break

11:00-13:00 SCIENTIFIC SESSION

ESPRM SISC Session in Stroke

Part II

Advances in basic and clinical research

Chairpersons: **Marco Franceschini** (Italy), **Kristian Borg** (Sweden)

Marco Franceschini (Italy): *Neuroplasticity assessment in stroke rehabilitation*

Gabor Fazekas (Hungary): *Robots in rehabilitation post-stroke: can they really improve the outcome?*

Aleksandra Vidakovic (Serbia): *New ways to apply Functional Electrical Stimulation for stroke recovery*

Nela Ilic (Serbia): *Long-term effects of TDCS and motor training on hand motor impairment in chronic stroke survivors*

OP : **Stoyan Bozhinov** (Bulgaria): *Therapeutic application of repetitive transcranial magnetic stimulation under EEG control in stroke rehabilitation*

OP : **Ioan-Sorin Stratulat** (Romania): *Stroke: virtual reality and robotics versus classic therapies*

13:00-14:30 Light Lunch

Pacific

14:30-16:30 SCIENTIFIC SESSIONS

ESPRM SISC Session in Musculoskeletal Disorders**– Part I**Chairpersons: **Fitnat Dincer** (Turkey), **Nikolaos Barotsis** (Greece)**Fitnat Dincer** (Turkey): *What is new in hand osteoarthritis? Update in Physical and Rehabilitation Medicine on hand osteoarthritis***Michael Quittan** (Austria): *What is new in knee osteoarthritis? Update in Physical and Rehabilitation Medicine on knee osteoarthritis***Nikolaos Barotsis** (Greece): *What is new in hip osteoarthritis? Update in Physical and Rehabilitation Medicine on hip osteoarthritis***OP : Alena Altukhova** (Russia): *Functional symptoms of patella chondromalacia - a change in gait biomechanics***OP : Galina Mratskova** (Bulgaria): *Effectiveness of the low-frequency and low-intensity electrostatic field (deep oscillation) in the complex rehabilitation of the patients with knee osteoarthritis***OP : Omer Faruk Sendur** (Turkey): *The effect of trombosit rich plasma application on degenerated cartilage: in vitro experimental study*

16:30-17:00 Coffee Break

17:00-19:00 SCIENTIFIC SESSIONS

ESPRM SISC Session in New Technologies and Robotics in Rehabilitation**Part II: Robotics and advanced technologies in Rehabilitation: experiences, perspectives and criticisms in ageing and children**Chairpersons: **Alessandro Giustini** (Italy), **Michael Quittan** (Austria)**Alessandro Giustini** (Italy): *Role of Robotic and advanced technologies in Rehabilitation***Wim Janssen** (Netherlands): *European scenario of children rehabilitation needs: new technological perspectives***Michael Quittan** (Austria): *European scenario of ageing rehabilitation needs: new technological perspectives***Frane Grubisic** (Croatia): *Evidences in robotic rehabilitation treatments*



Atlantic 1

8:30-10:30 ORAL PRESENTATIONS

Cerebral Palsy and Spina bifida

Chairpersons: **Wim Janssen** (Netherlands), **Lidija Dimitrijevic** (Serbia)

OP : Joao Capelo (Portugal): *Cerebral palsy: inclusion in the Portuguese education system*

OP : Danijela Vukićević (Serbia): *Correlation of brain ultrasound, gestational age and Bayley iii scale scores*

OP : Dragan Zlatanovic (Serbia): *Ultrasound of CNS in preterm infants as a supplementary method for prediction of later neurological deficit*

OP : Madalena Rangel (Portugal): *Cerebral palsy surveillance program: where do we stand on a regional level and how to design an effective rehabilitation network?*

OP : Čila Demeši-Drljan (Serbia): *Gross motor function and comorbidities in cerebral palsy*

OP : Lara Mancini (France): *Selective dorsal rhizotomy as a treatment of spasticity in children with cerebral palsy: goals of a new "0 level" surgical technique*

OP : Alexander Shoshmin (Russia): *Lessons learnt from specialist training on functioning assessment of children with cerebral palsy in Russia*

OP : Dobrinka Dragic (SR, B&H): *Scoliosis in children with cerebral palsy in relation to cerebral palsy types and gross motor function classification system (GMFCS)*

OP : Ju-Yul Yoon (South Korea): *Functional assessment of cerebral palsy patient with ipsilateral MEP evoked*

OP : Merve Damla Korkmaz (Turkey): *The effect of adaptive seating system on coronal and sagittal balance of the spine and pelvic obliquity in no ambulatory patients with cerebral palsy and scoliosis*

10:30-11:00 Coffee Break

11:00-13:00 SCIENTIFIC SESSION

ESPRM SISC Session for PRM in Metabolic Diseases

Chairpersons: **Paolo Capodaglio** (Italy), **Vesna Bokan** (Montenegro)

Paolo Capodaglio (Italy): *Rehabilitation interventions in the patient with obesity*

Vesna Bokan (Montenegro): *The importance of early diagnosis and treatment of diabetic foot problems in the prevention of amputations*

OP : Larisa Marchenkova (Russia): *The effect of complex dietary supplement on muscle strength and balance function in patients with osteoporosis*

OP : Valeria Vasileva (Russia): *Comparative effectiveness of three methods for body composition assessment in the verification of manifestations of sarcopenia in obese patients*

OP : Nicola Marotta (Italy): *Diaphragmatic rehabilitation in gastroesophageal reflux disease*

OP : Aneta Bajalska (North Macedonia): *Osteoarthritis and diabetes: the closed loop*

Atlantic 1

OP : Valeria Vasileva (Russia): *Kinesiotherapy in weight loss and muscle function improving in obesity patients*

13:00-14:30 Light Lunch

14:30-16:30 JOINT SESSION

UEMS-PRM SECTION AND BOARD SESSIONS

Professional Practice

Part I

Chairpersons: Mauro Zampolini (Italy), Elena Ilieva (Bulgaria)

Elena Ilieva (Bulgaria): *Methodology of "Physical and Rehabilitation Medicine practice, Evidence Based Position Papers – The European position"*

Enrique Varela Donoso (Spain): *The PPC work in order to define the role of PRM physician in Europe*

Piotr Tederko (Poland): *Rehabilitation teamwork in Central European countries - similarities and differences*

Gabor Fazekas (Hungary): *Persons with pain*

16:30-17:00 Coffee Break

17:00-19:00 SCIENTIFIC SESSION

ESPRM SISC Session in Musculoskeletal Disorders

Part III

Inflammatory Joint Diseases

Chairpersons: Nemanja Damjanov (Serbia), Fitnat Dincer (Turkey)

Nemanja Damjanov (Serbia): *Update on the diagnosis and treatment of rheumatic diseases*

Snezana Tomasevic Todorovic (Serbia): *Pain mechanisms in rheumatoid arthritis*

Bojana Stamenkovic (Serbia): *Optimal treatment of psoriatic arthritis with biologics, the importance of multidisciplinary approach*

OP : Sandra Burtica (Romania): *Rehabilitation programs in patients with Ankylosing Spondylitis based on the presence of peripheral manifestations*

OP : Andre Santos (Portugal): *Non-pharmacological treatment efficacy review in ankylosing spondylitis – The use of physical agents and kinesiotherapy*

OP : Jelena Jovanovic (Serbia): *The influence of clinical, demographic and laboratory parameters on the quality of life in patients with rheumatoid arthritis*

OP : Daumantas Bitinas (Lithuania): *The effects of cryotherapy on pain, quality of life and shoulder joint function in rheumatoid arthritis*



Atlantic 3

8:30-10:30 JOINT SESSIONS

Joint Session Mediterranean Forum of PRM

Balneotherapy in the Mediterranean area

Chairpersons: **Jorge Lains** (Portugal), **Calogero Foti** (Italy)

Lazovic Milica (Serbia): *Balneotherapy in Euro-Mediterranean countries*

Stefano Masiero (Italy): *Practice of PRM in Italian spas*

Khalil Al Abbadi (Jordan): *The use of balneotherapy-climatological-factors and resources at the Dead Sea in the treatment of psoriasis and psoriatic arthritis*

Gordana Stefanovski (SR, B&H): *Investigations about the effects of balneotherapy in Republic Srpska*

OP : **Marija Obradovic** (Montenegro): *The effects of balneotherapy in patient with ankylosing spondylitis*

OP : **Giacomo Magro** (Italy): *Wearable devices for rehabilitation in thermal setting - will they really improve the rehabilitative intervention*

10:30-11:00 Coffee Break

11:00-13:00 SCIENTIFIC SESSION

ESPRM SISC Session in Extracorporeal Shock Wave Therapy

Chairpersons: **Elena Ilieva** (Bulgaria), **Henk Stam** (Netherlands)

Elena Ilieva, Aleksandra Ilieva (Bulgaria): *Evolution of extracorporeal shock wave treatment – from old paradigms to new concepts*

Nicolaos Barotsis (Greece): *Extracorporeal shock wave therapy: tendinopathies and tendon tears*

Henk Stam (Netherlands): *ESWT and spasticity: from experience to evidence*

OP : **Ileana Monica Borda** (Romania): *Effectiveness of extracorporeal shock wave therapy versus ultrasound therapy in patients with calcific supraspinatus tendinitis*

OP : **Lejla Manchev** (North Macedonia): *Effectiveness of shock wave treatment vs "conservative physiotherapy". Challenge for managing shoulder pain and dysfunction*

OP : **Radostina Simeonova** (Bulgaria): *Radial shock wave therapy with "intellect PRW lite" for calcifying tendinopathy of the shoulder, comparative effectiveness with conventional physical therapy*

OP : **Beatriz Entrambasaguas** (Spain): *Treatment with focal shock waves in chronic plantar fasciitis*

13:00-14:30 Light Lunch

14:30-16:30 SCIENTIFIC SESSION

Thermal Infrared Imaging for Clinical Diagnosis and Follow up in PRM

Chairpersons: **Mirjana Kocic** (Serbia), **Gerold Ebenbichler** (Austria)

Atlantic 3

Milica Lazovic (Serbia): *Infrared Thermography as a Adjunct Diagnostic and Follow up Tool in PRM*

Mirjana Kocic (Serbia): *Our experience in the application of infrared thermography in the diagnosis and evaluation of the therapeutic effect of physical agents*

Irena Dimitrijevic (Serbia): *Clinical application of infrared thermography*

OP : Ibolya Tavaszi (Hungary): *Simultaneous isometric force and thermo graphic measurements for supporting decision-making in post-stroke robotic therapy of patients with hemiparesis*

OP : Congcong Huo (China): *Task-related changes in brain activity in stroke patients as measured using functional near-infrared spectroscopy*

16:30-17:00 Coffee Break

17:00-19:00 SCIENTIFIC SESSIONS

ESPRM SISC Session on Sports Affairs

New therapeutic in sports medicine and MSK

Chairperson: **Jean-François Kaux** (Belgium)

Hervé Collado (France): *Botulinum toxin in sports medicine*

Vincent Gremeaux (France): *PRP in knee OA*

Jean-François Kaux (Belgium): *PRP in tendinopathies*

Jérémy Magalon (Belgium): *Stem cells in MSK*

OP : Tomas Gembeckas (Lithuania): *Influence of virtual training system "riablo" on patients gait after knee anterior cruciate ligament reconstructive operation*

OP : Silvia Silvestri (Italy): *Back to Sport after knee ACL reconstruction: a reconditioning protocol*

Mediterranean/Adriatic

8:30-10:30 SCIENTIFIC SESSIONS

ESPRM SISC Session on Spasticity

Chairpersons: **Mauro Zampolini** (Italy), **Klemen Grabljevec** (Slovenia)

Mauro Zampolini (Italy): *Pathophysiology of spasticity*

Frane Grubisic (Croatia): *Minimum standards of care for patients with spasticity – searching for evidence*

Martina Kovari (Czech Republic): *Spasticity scales and their implementation to clinical practice*

Klemen Grabljevec (Slovenia): *Treatment of focal and generalized spasticity*

Konstantina Petropoulou (Greece): *Botulinum toxin in post stroke spasticity: When should therapy start?*



Mediterranean/Adriatic

OP : Remco Timmermans (Netherlands): *Long term post-stroke prevalence and treatment of disabling spasticity*

10:30-11:00 Coffee Break

11:00-13:00 SCIENTIFIC SESSION

ESPRM SISC Session for Strengthening PRM in Health Systems

Chairpersons: **Nicolas Christodoulou** (Cyprus), **Paolo Boldrini** (Italy), **Mauro Zampolini** (Italy)

Gerold Stucki (Switzerland): *Strengthening PRM in European Health Care Systems in response to WHO's call for action Rehabilitation 2030*

Iuly Treger (Israel): *Addressing the issue of continuity of care: programs and algorithms for early management and appropriate transfer from acute departments to rehabilitation settings*

Daiana Popa (Romania): *Rehabilitation Teamwork: a European experience*

Pedro Cantista (Portugal): *Organization of a Rehabilitation Hospital: lessons from practice*

Roberto Casale (Italy): *The societal burden of disabling chronic pain; a PRM perspective and practical issues*

Mauro Zampolini (Italy): *Narrative Medicine in PRM: impact on the organization of services*

Paolo Boldrini (Italy): *The role of Consensus Conferences in rehabilitation in the interaction between research and practice: Italian experiences*

13:00-14:30 Light Lunch

14:30-16:30 SCIENTIFIC SESSIONS

ESPRM SISC Session for Pain and Disability

Part II

Chairpersons: **Emilija Dubljanin Raspopovic** (Serbia), **Demoulin Christophe** (Belgium)

Emilija Dubljanin Raspopovic (Serbia): *Pain in Early Rehabilitation - Does and how much changes in early and late outcome in patients after knee all arthroplasty?*

Demoulin Christophe (Belgium): *Feasibility and effectiveness of a home-based somatosensory in patients with chronic musculoskeletal pain*

OP : **Afrooz Arefi** (Iran): *Evaluation the prevalence of carpal tunnel syndrome in pregnant women in Gorgan*

OP : **Maeve Nolan** (Ireland): *The patient Experience Project (PEP)*

OP : **Maoui Rim** (Tunisia): *Contribution of the mesotherapy in the treatment of chronic neck pain*

OP : **Zaiga Kalnberza Ribule** (Latvia): *Coping strategies, disability and chronic postsurgical pain in rehabilitation*

Mediterranean/Adriatic

OP : Iskra Takeva (Bulgaria): *Results of rehabilitation in infants with low-weight following liver transplantation*

OP : Darija Granec (Croatia): *How does postoperative pain and hematoma in total knee arthroplasty patients influence on knee range of motion during inpatient rehabilitation*

16:30-17:00 Coffee Break

17:00-19:00 SCIENTIFIC SESSION

ESPRM SISC Session in Peripheral Nerve Disorders

Chairpersons: **Tatjana Paternostro–Sluga** (Austria), **Marija Hrkovic** (Serbia)

Tatjana Paternostro–Sluga (Austria): *Peripheral nerve lesions – an underestimated clinical issue in the acute hospital*

Mark Lissens (Belgium): *Electrodiagnosis of nerve entrapment neuropathies*

Marija Hrkovic (Serbia): *Double crush syndrome – electrodiagnostic testing in the evaluation of peripheral nerve lesion*

Primož Novak (Slovenia): *Electrical stimulation in peripheral nerve lesions patients*

OP : **Pinar Borman** (Turkey): *The Kinesio Taping; local anesthetic/steroid injection and splinting in the treatment of patients with carpal tunnel syndrome: A clinical and electrophysiological study*

OP : **Anna Feher-Kiss** (Hungary): *Tactile plantar stimulation improves anticipatory postural adjustment in older adults with diabetic neuropathy*

Baltic/Aegean

8:30-10:30 SCIENTIFIC SESSIONS

Sports for the Disabled Persons

Chairpersons: **Mirsad Muftic** (B&H), **Rade Babovic** (Serbia)

Rade Babovic (Serbia): *The role of physical medicine and rehabilitation specialists in the rehabilitation of Paralympic athletes*

Mirsad Muftic (B&H): *The important of PRM physician for Paralympic athletes*

Gordana Devecerski (Serbia): *Pain treatment of musculoskeletal disorders*

OP : **Rezeda Bodrova** (Russia): *The opportunities of physical rehabilitation technologies with biofeedback of Paralympic athletes with spinal cord injury*

OP : **Zdeslav Milinkovic** (Serbia): *Spinal deformities in children and competitive sport*

OP : **Francesco Maracci** (Italy): *Cognitive-motor interference in the promotion of the sports gesture: controlled study of the effects of tDCS and cognitive training*



Baltic/Aegean

OP : Ana Margarida Monteiro (Portugal): *Dual-task: a response to 21st century demands – the development of an assessment and intervention protocol*

10:30-11:00 Break

11:00-13:00 SCIENTIFIC SESSIONS

Acupuncture and Complementary Therapies

Chairpersons: **Mirsad Muftic** (B&H), **Elena Ilieva** (Bulgaria)

Zorica Brdarecki (Serbia): *The undergraduate information of KAM – is it important?*

Mirsad Muftic (B&H): *Music therapy in the treatment of cervical pain syndrome*

OP : **Gligor Mastilovic** (Serbia): *Analgesic effects of acupuncture on experimental pain*

OP : **Dejan Ilic** (Serbia): *The long term effects of acupuncture in the treatment of trigeminal neuralgia*

OP : **Jadranka Glisic** (Montenegro): *Impact of mindfulness meditation and hydro-aroma therapy on parasympathetic tone in chronic inflammatory rheumatic patients as part of physical treatment conducted in Institute Igalo*

OP : **Laszlo Irsay** (Romania): *Are spirituality and faith important factors in rehabilitation?*

OP : **Vesna Pejovic** (Serbia): *Acupuncture in the treatment of respiratory and speech disorders after thyroid surgery*

13:00-14:30 Light Lunch

14:30-16:30 SCIENTIFIC SESSIONS

Rehabilitation and Exercise

Chairpersons: **Ljubica Konstantinovic** (Serbia), **Slavko Rogan** (Switzerland)

Branka Mladenovic (Serbia): *Rehabilitation after flexor tendon repair - principles, challenges, complications*

Andjelka Pjanovic, **Z. Milovanovic**, **Lj. Konstantinovic** (Serbia): *Functional assessment in neurological physiotherapy*

Slavko Rogan (Switzerland): *Mechanobiology – how mechanotherapy promotes tissue repair in rehabilitation medicine*

OP : **Cloé Dussault-Picard** (Canada): *Is adapted cycling training achievable in children with cerebral palsy with poor motor function?*

OP : **Valeria Vasileva** (Russia): *The efficacy of complex kinesiotherapy in weight loss and improving of carbohydrate metabolism in obesity patients*

OP : **Ekaterina Makarova** (Russia): *Opportunities for balance function improvement in patients with osteoporotic vertebral fractures*

Baltic/Aegean

OP : Serhii Kolisnyk (Ukraine): *The algorithm of therapeutic exercises selection by microcirculation studies*

OP : Luciana Mijačika (Croatia): *Rehabilitation after surgical carpal tunnel decompression using multifunctional table for fist training rehabilitation*

16:30-17:00 Break

17:00-19:00 SCIENTIFIC SESSION

Occupational Therapist in Rehabilitation Team

Chairpersons: **Nela Ilic** (Serbia), **Martina Pellegrini** (Italy)

Nela Ilic (Serbia): *Occupational therapy in stroke survivors*

Emira Svraka (B&H): *Occupational therapist in rehabilitation team*

Milan Kecman, D. Lukić, S. Pavlović, A. Vidaković (Serbia): Occupational therapy functional assessment

Lukic Dragan, M. Kecman, T. Tomic Dimkic (Serbia): *Time extended repetitive task training compared to standard occupational training in subacute stroke-a pilot study*

OP : **Martina Pellegrini** (Italy): *Complex patient: occupational therapy and social reintegration*

OP : **Kateřina Rybářová** (Czech Republic): *Work of occupational therapists in prevocational assessment centers in the Czech Republic*

OP : **Marina Shurupova** (Russia): *Investigation of Virtual Reality training effects on mental health in stroke survivors*

OP : **Luís Carlos Sousa** (Portugal): *Functional outcome following anoxic brain injury*

Danube

8:30-10:30 ORAL PRESENTATIONS

Rehab and Exercise

Chairpersons: **Natasa Kos** (Slovenia), **Aleksandra Jurisic Skevin** (Serbia)

OP : **Leonardo Pellicciari** (Italy): *Which demographic and clinical factors could influence the functional status during an acute intensive rehabilitation treatment?*

OP : **Srboslav Radojichikj** (North Macedonia): *Physical therapy of mild and moderate carpal tunnel syndrome: a literature review*

OP : **Dimitrios Varvarousis** (Greece): *Effectiveness of intramuscular botulin toxin injection in the spastic lower extremities of CNS lesion patients using kinetics and kinematics gait analysis methods*

OP : **Jie Zhang** (China): *Clinical application of low-intensity strength training for the improvement of balance in the elderly: a pilot study*



Danube

- OP : Estela Martín Castillo (Spain): *Therapeutic exercise: how to prescribe easily and quickly after arthroscopic knee in patients with arthrosis. Creation of a check list*
- OP : Zeynep Turan (Turkey): *The effect of activation of thoracolumbar fascia on the thickness of abdominal muscles; an ultrasonographic study*
- OP : Milan Pesic (Serbia): *The integrative exercise*
- OP : Yuliia Vitrova (Ukraine): *Interrelation of the abdominal muscles tone and stomach syntropy*
- OP : KlejdaTani (Albania): *How does the level of pain changes in patients with knee osteoarthritis depending on their age, with the help of kinesiotape*
- OP : Zorica Jelic (Serbia): *Effects of habilitation treatment on neuro developmental outcome of preterm infants*

10:30-11:00 Coffee Break

11:00-13:00 ORAL PRESENTATIONS

Musculoskeletal Disorders

Back Pain and Spine disorders

Part II

Chairpersons: **Ksenija Boskovic** (Serbia), **Hrkovic Marija** (Serbia)

- OP : Tatjana Medic (Serbia): *The outcome of treatment of patients with one level lumbar microdiscectomy through the Oswestry Disability Index - three months follow up.*
- OP : Thomas Kienbacher (Austria): *ICF activity and participation changes along with biopsychosocial back pain rehabilitation*
- OP : Jaemin Kim (South Korea): *Effects of prolog therapy using platelet-rich plasma for chronic non-specific low back pain*
- OP : Mikhail Tsykunov (Russia): *Efficiency of rehabilitation in children's posture disorders in computer optical topography*
- OP : Bernardo Moreno (Portugal): *The Importance of rehabilitation treatment In whiplash syndrome*
- OP : Aleksandar Vojvodic (Serbia): *Dynamics of muscles and nerves. Psoas muscle paradoxical key of the body?*
- OP : Yongsoon Yoon (South Korea): *Comparison of the simultaneous heat and massage program and physical therapy in spinal pain*
- OP : Vitalii Gubenko (Ukraine): *Multiprofessional approach to the rehabilitation of patients with lumbosacral radiculopathy based on ICF in Ukraine*
- OP : Aleksandar Pavlovic (Serbia): *Therapeutic effects of medicaments therapy and physical procedures in patients with chronic painful lumbar syndrome*

13:00-14:30 Light Lunch

Danube

14:30-16:30 ORAL PRESENTATIONS

Spasticity management

Chairpersons: **Francois Constant Boyer** (France), **Srbislav Stevanovic** (Serbia)

OP : Ioannis Drinis (Greece): *Study of the incidence of regional spasticity on patients managing generalized spasticity with an intrathecal baclofen pump*

OP : Vitor Costa Pereira (Portugal): *Intrathecal baclofen in hereditary spastic paraparesis: a review of literature*

OP : Nikola Babic, R. Cobeljic, L. Popovic Maneski (Serbia): *Methods to reduce the variability of the assessment of spasticity in patients with spinal cord injury*

OP : Cvetanka Gjerakaroska Savevska (North Macedonia): *Effects of radial extracorporeal shock wave therapy on hand spasticity after stroke*

OP : Eduardo Rocha (Brazil): *The phantom pain treatment using Inco botulinum toxin A - series of cases*

OP : Vladislav Voitenkov (Russia): *Comparative efficacy of the different regimes of rehabilitation in children with palsy*

OP : Eduardo Rocha (Brazil): *The efficacy and safety of phenol 5% neurolysis in patients with lower and upper limbs spasticity*

OP : Simona Ristovska (North Macedonia): *Botulinum toxin treatment of hemifacial spasm - case report*

OP : Antonios Kontaxakis (Greece): *Spinal cord injury and traumatic brain injury- Are the boundaries between the two concrete? Two cases*

OP : Ágnes Csohány (Hungary): *Spasticity management in the Children Rehabilitation Center*

16:30-17:00 Coffee Break

17:00-19:00 ORAL PRESENTATIONS

Musculoskeletal Disorders in Children

Chairpersons: **Dejan Nikolic** (Serbia), **Mirjana Boskovic** (Serbia)

OP : Johanne Mensah-Gourmel (France): *Starting from the needs: a multidisciplinary approach to generate new solutions for children with disabilities*

OP : Slavica Jandric (B&H): *Correlation between presence of kyphosis and duration of training in adolescents practicing swimming*

OP : Gabriela Mirkovic (SR, B&H): *Efficacy of seas therapy in active self-correction of patients with adolescent idiopathic scoliosis*

OP : Irina Prilepina (Russia): *Correction of early deviations in children's development by methods of physical*



Danube

OP : Jasmina Milovanovic-Arsic (Serbia): *The efficacy of "Schroth method of exercises" in the correction of the spinal deformity in patients with adolescent idiopathic scoliosis*

OP : Jasna Stojkovic (Serbia): *Correlation between body mass index and scoliosis in adolescence*

OP : Xuan Zhou (China): *Assessment of infants using the Alberta Infant Motor Scale in China*

OP : Branko Vujkovic (Serbia): *Burden of low back pain in children*

OP : Anatoly Belyaev (Russia): *Rehabilitation of children with pain syndromes*

OP : Slavica Varagic Markovic (Serbia): *The importance of early diagnosis and rehabilitation of infants with brachial plexus damage*

OP : Katja Groleger Srsen (Slovenia): *Efficiency of robotic guided training in children with unilateral impairment of upper limb*

Sava

8:30-10:30 PUBLIC SESSION

**Round table with the Association for Disabled Persons of Serbia
Part I**

10:30-11:00 Coffee Break

11:00-13:00 PUBLIC SESSION

Public Conference on the inclusion of the Students with Disabilities in the University of Belgrade

Coordinators: **Dejan Nikolic** (Serbia), **Milica Lazovic** (Serbia)

Participants: **Milan Manojlovic** (Serbia), **Danica Simic** (Serbia)...

13:00-14:30 Light Lunch

14:30-16:30 PUBLIC SESSION

Round table with the Paralympic Committee of Serbia

16:30-17:00 Coffee Break

17:00-19:00 PUBLIC SESSION

**Round table with the Association for Disabled Persons of Serbia
Part II**