



# 7TH CONFERENCE ON PHYSIOTHERAPY IN PIESTANY THE PROGRAMME

13 NOV  
THURSDAY



## Registration

From 08:00



## OPENING CEREMONY

08:30 – 09:00

### HONORARY PRESIDENCY:

Ministry of Education, Research, Development and Youth of the Slovak Republic representative  
Prof. SLOBODOVÁ NOVÁKOVÁ Katarína, Rector of the University of Ss. Cyril and Methodius in Trnava  
Mgr. VISKUPIČ Jozef, President of the Trnava Self-governing region  
Mgr. JANČOVIČ Peter, Mayor of Piešťany  
Honorary doctor ŠTOFKO Juraj, President of the Congress, Dean of the Faculty of Health Sciences, UCM in Trnava  
Prof. GAŠPAR Ľudovít, Chairman of the Scientific Board of the Conference  
Assoc. Prof. ŽIAKOVÁ Elena, Scientific Secretary of the Conference



## SESSION I. Presentations

09:00 – 11:00

Chair: GRÜNEROVÁ LIPPERTOVÁ, NAVRÁTIL Leoš, PALAŠČÁKOVÁ ŠPRINGROVÁ Ingrid

1. GRÜNEROVÁ LIPPERTOVÁ M. (Prague, CZ): Neurorehabilitation: Present and future (CZE)
2. GECZ, J. (Adelaide, AU): Cerebral palsy as we see it from a genetic perspective (SVK) - online
3. NAVRÁTIL L. (Kladno, CZ): The past, present and future of radio-balneotherapy in the Czech Republic (CZE)
4. PŘÍHODA A., MARTÍNEK R., ŠPET V. (Prague, CZ): The Application of virtual reality from the perspective of medical spa and rehabilitation care providers (CZE)
5. PALAŠČÁKOVÁ ŠPRINGROVÁ (Čelákovice, CZ): Avulsion injury of the levator ani muscle and its relationship to parity and icq-sf scores after vaginal delivery (CZE)
6. KOIŠOVÁ J. (Piešťany, SK): The meaning of professional ethics in telerehabilitation (SVK)

Discussion



## Coffee Break

11:00 – 11:30



## SESSION II. Presentations

11:30 - 13:00

Chair: HAVLOVÁ Jana, SLÁDEKOVÁ Nina, NAĎOVÁ Katarína

1. ŽIAKOVÁ E., SLÁDEKOVÁ N. (Bratislava, Piešťany, SK): Clinical perspective on heel valgus in children in physiotherapy practice (SVK)
2. NAĎOVÁ K. (Prešov, SK): The impact of birth injury to the brachial plexus on the development of postural reactivity in infants (SVK)
3. BROSOVÁ S., ŽIAKOVÁ E. (Piešťany, Bratislava, SK): Comprehensive physiotherapy of paediatric patients with spinal muscular atrophy (SVK)
4. MARCI M., MARCI I., KRESÁNEK J. (Bratislava, SK): The effect of manual therapy of the abdominal wall in secondary nocturnal enuresis in younger school-age children (SVK)
5. HAVLOVÁ J., GÁBOVIČOVÁ A. (Bratislava, SK): The impact of breathing on walking quality in patients after a lumbar spine surgery (SVK)
6. SLÁDEKOVÁ N., ŽIAKOVÁ E., DRAGÚŇOVÁ M. (Piešťany, SK): The use of physiotherapy approaches to improve quality of life in Parkinson's disease (SVK)

Discussion



## Lunch break

13:00 - 14:00



## SESSION III. Presentations

14:00 - 15:30

Chair: ZEMKOVÁ Erika, JANURA Miroslav, HAMRÁKOVÁ Marta

1. ZEMKOVÁ E. (Bratislava, SK): Assessment of balance, strength and gait in the context of stability and movement kinesiology (SVK)
2. JANURA M. (Olomouc, CZ): The use of biomechanics in physiotherapy practice (CZE)
3. JEDLIČKA V., ŠPET V., PŘÍHODA A. (Kladno, CZ): Immersive virtual reality in postoperative care for patients after hip arthroplasty (CZE)
4. HAMRÁKOVÁ M., IŠTOŇOVÁ M., NECHVÁTAL P. (Košice, Prešov, SK): Kinesiological aspects of functional disorders of the elbow joint and therapeutic possibilities (SVK)
5. NECHVÁTAL P., DEMJANOVIČ KENDROVÁ L., GRUS C., MACEJ M. (Košice, SK): Treatment of exostoses of the finger phalanges with shockwave therapy: Case report and efficacy evaluation (SVK)
6. NINÍK J. (Trenčín, SK): The relationship between muscle imbalance in the ankle area and the incidence of injuries in football players (SVK)

Discussion



## Coffee Break

15:30 - 16:00



## SESSION IV. Presentations

16:00 - 17:30

Chair: GAŠPAR Ľudovít, IŠTOŇOVÁ Miriam, KNAP Viliam

1. GAŠPAR Ľ., MACHOVIČ O., KMEŤOVÁ I. (Piešťany, SK): Contribution of ambulatory blood pressure monitoring for the management of arterial hypertension (SVK)
2. IŠTOŇOVÁ M., MALÝ M. (Košice, Bratislava, SK): Behavioural mechanisms and their application in comprehensive rehabilitation treatment of cardiovascular diseases (SVK)
3. JENDRICHOVSKÝ M. (Červený Kláštor, SK): Respiratory physiotherapy in intensive care medicine (SVK)
4. PROKHORSKII D., STANOVÁ J., BENKOVÁ Z., ČERNÁ N. (Piešťany, SK): Use of robotic-assisted HAL therapy in the rehabilitation of patients with neurological diseases affecting the ability to walk (SVK)
5. KNAP V., IŠTOŇOVÁ M., ONDOVÁ P. (Košice, SK): Cervical spine and vertigo (SVK)
6. PROKEŠOVÁ J., SAMELIAKOVÁ V., JANKELOVÁ N., ŽIAKOVÁ E. (Bratislava, SK): The influence of Pilates methodology on pain perception in the lumbar spine (SVK)

Discussion



## WORKSHOP: Stability and balance training

12:00 - 14:00

Guarantees by STANOVÁ Jana  
(room Adam Trajan, ground floor)

1. RIEDL R.: The use of ICAROS devices in physiotherapy



## WORKSHOP: Neufromodulation

14:00 - 16:00

Guarantees by prof. GRÜNEROVÁ LIPPERTOVÁ Marcela  
(room 136B, intended for doctoral students)

1. GRÜNEROVÁ LIPPERTOVÁ M. (Prague, CZ): Non-invasive neuromodulation in neurorehabilitation (CZE)
2. VLČEK P. (Prague, CZ): Transcranial direct current stimulation – theory (CZE)
3. SLOVÁK M. (Prague, CZ): School of transcranial direct current stimulation – practice (CZE)



## Workshop on stability of the musculoskeletal system

16:30 - 18:30

Guarantees by prof. ZEMKOVÁ Erika  
(room 136B)

1. ZEMKOVÁ E. (Bratislava, SK): Assessment of static and dynamic balance and visual feedback control of postural stability - Static and dynamic posturography (SVK)
2. KOTYROVÁ ŠTEFÁNIKOVÁ G. (Piešťany, SK): Assessment of spinal curvature and mobility (Spinal mouse) and flexibility – Gyko (SVK)
3. ZAPLETALOVÁ L. (Bratislava, SK): Assessment of the step parameters – Step Initiation Check (SVK)
4. KLEIN T. (Bratislava, SK): Use of surface electromyography for the assessment of muscle activity – Delsys (CZE)
5. ĎURINOVÁ E. (Piešťany, SK): New approaches in the diagnosis of postural stability – Biodex balance system (SVK)
6. ŠIMONOVÁ M. (Piešťany, SK): Postural proprioceptive therapy on Posturomed (SVK)



## EVENING GALARECEPTION

20:00

Hotel Magnolia, Nálepkova Str. No.1, Piešťany

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FRIDAY



## SESSION V. Presentations

09:00 – 10:30

Chair: BINDER Heinrich, ŽIAKOVÁ Elena, ŠTOFKO Juraj

1. BINDER H. (Vienna, AT): Rehabilitation and the principle (ENG)
2. WOŽNIAK-KOSEK A., MENDRYCKA M. (Warsaw, Radom, PL): Physiotherapy in Septic Arthritis (ENG) - online
3. WYSIENSKI L., MENDRYCKA M. (Warsaw, Radom, PL): Gaussian splatting as a visualization method for rehabilitation of patients with laryngological conditions (ENG) - online
4. MENDRYCKA M., WYSIENSKI L. (Warsaw, Radom, PL): The impact of saline inhalation therapy on treatment outcomes in patients with chronic post-COVID-19 rhinosinusitis: Rehabilitation-assisted approach (ENG) online
5. GAŠPAR, Ľ. (Piešťany, SK): Arterial hypertension and the risk of stroke (SVK)
6. ŠTOFKO, J. (Piešťany, SK) Leadership and Management (SVK)

Discussion



## Coffee Break

10:30 – 11:00



## SESSION VI. Presentations

11:00 – 12:30

Chair: VAŘEKA Ivan, HARABÍNOVÁ Tamara, MACHOVIČ Ondrej

1. VAŘEKA I. (Hradec Králové, CZ): Pelvic kinematics (CZE)
2. MIKLÁŠ J., ŽIAKOVÁ E. (Bratislava, SK): Strength training and its effect on motor control and movement quality in seniors aged 65–74 years (SVK)
3. HARABÍNOVÁ T., ŽIAKOVÁ E. (Piešťany, Bratislava, SK): Physiotherapy for non-specific low back pain caused by sedentary work (SVK)
4. MACHOVIČ O., GAŠPAR Ľ. (Piešťany, SK): Physiotherapy after heart transplantation (SVK)
5. BOCÁN L., SLÁDEKOVÁ N., BOLDIŠOVÁ O. (Piešťany, SK): Complex physiotherapy of children with quadriplegia form of cerebral palsy (SVK)
6. REPKA T., ŽIAKOVÁ E. (Bratislava, SK): The effect of physiotherapy on daily activities in patients with non-specific neck pain (SVK)

Discussion



## CLOSING CEREMONY

12:30