

# PRELIMINARY PROGRAMME

## THURSDAY, SEPTEMBER 23

8.15 – 8.45

Opening

8.45 – 10.30

### **PLENARY SESSION 1: SESSION OF EUROPEAN ACADEMY OF REHABILITATION MEDICINE (EARM)**

---

**Ethics in rehabilitation research**

Henk Stam, NETHERLANDS

**Usefulness for clinicians and researchers of the REHabilitation  
COVID-19 Evidence based Response (REH-COVER) Action by  
Cochrane Rehabilitation**

Stefano Negrini, ITALY

**Sick-leave due to COVID-19 - a report from national cohorts in  
Sweden**

Katharina Stibrant Sunnerhagen, SWEDEN

10.30 – 11.00

Break

10.30 – 10.45

Intermittent catheterization with innovative coated greencath  
catheters® by TIK d.o.o

11.00 – 12.30

### **ORAL SESSION 1: REHABILITATION OF SARS CoV-2 PATIENTS (10 minutes for presentation and 5 minutes for discussion)**

---

**Complex rehabilitation of COVID-19 patients – experiences from a  
Hungarian post-Covid inpatient rehabilitation unit**

Vanessza Arkus, Anita Palfi, Emese Tasnadi, HUNGARY

**Acute and subacute complications after severe COVID-19 disease**

Katarina Cunder, Olga Petrovič, Tina Oblak, Nataša Kic, Maja Vrabič,  
Neža Majdič, SLOVENIA



**Cross-sectional observations following telemedicine assessment for post-COVID-19 rehabilitation in a young active population**

Oliver O'Sullivan, Robert Barker-Davies, Sardar Bahadur, Mike Gough, Mark Cranley, UNITED KINGDOM

**Clinical features of patients referred to our electroneurophysiology laboratory post COVID-19 infection in the first year of the pandemic**

Selin Ozen, Oya Umit Yemisci, Sacide Nur Saracgil Cosar, TURKEY

**Risk perception and coping strategies of aging people during COVID-19 pandemic in Lombardy region of Italy**

Erika Guastafierro, Claudia Toppo, Francesca Magnani, Rosa Romano, Carla Facchini, Rino Campioni, Ersilia Brambilla, Matilde Leonardi, ITALY

**The impact of the SARS-CoV-2 outbreak on physical activity and mental well-being in Slovenian university students**

Joca Zurc, SLOVENIA

11.00 - 12.30

**ORAL SESSION 2:  
INTERNATIONAL CLASSIFICATION OF  
FUNCTIONING, DISABILITY AND HEALTH –  
ICF**

**(10 minutes for presentation and 5 minutes for discussion)**

---

**Validity of the ICF Generic-30 set in rehabilitation clinical practice**

Masahiko Mukaino, Shin Yamada, Shin-Ichi Izumi, Eiichi Saitoh, Yohei Otaka, JAPAN

**Information system for cross-sector cooperation in rehabilitation in the framework of ICF**

Alexander Shoshmin, Larisa Samarina, Evgenia Ermolaeva, Svetlana Manankova Bye, Yanina Besstrashnova, RUSSIAN FEDERATION

**Delphi Study To Develop Minimum Reporting Set Of Contextual Factors For Rehabilitation Studies Based On ICSO-R 2.0**

Boya Nugraha, Grace Engen, Cecelie Roe, Marit Kirkevold, Helene L Soberg, Nada Andelic, Christoph Gutenbrunner, GERMANY



**Organization of rehabilitation services in randomized controlled trials - which factors influence functional outcome? A systematic review**

Cecilie Røe, Erik Bautz-Holter, Nada Andelic, Helene L Sørberg, Boya Nugraha, Christoph Gutenbrunner, Andrea Boekel, Marit Kirkevold, Grace Engen, Juan Lu, NORWAY

**Developing an ICF-based process profiling for qualification measures in vocational rehabilitation centers: results of a qualitative multicenter study**

Regina Weißmann, Joachim Thomas, GERMANY

**Capacity Limitations and Workplace Problems in Patients With Psychosomatic Disorders**

Michael Linden, Beate Muschalla, GERMANY

11.00 – 13.00

**WORKSHOP 1**

---

**Research Design**

Gaj Vidmar, SLOVENIA

12.30 – 14.00

Lunch break/ Sponsors chat, Participants networking

14.00 – 15.15

**PLENARY SESSION 2**

---

**Return to work (RtW) - Germany patient reported outcome measures**

Susanne Weinbrenner, GERMANY

**The content and recent changes to Inpatient Rehabilitation Facility-Patient Assessment Instrument (IRF-PAI) used in the United States**

Dobrivoje Stokić, UNITED STATES

15.15 – 15.30

Break/Participants networking



15.30 – 17.00

## **ORAL SESSION 3: RETURN TO WORK 1**

(10 minutes for presentation and 5 minutes for discussion)

---

**Joint negotiations on the employee's return-to-work solutions.**

Pirjo Juvonen-Posti, Hanna-Leena Ristimäki, Sanna Pesonen,  
Elina Weiste, Inka Koskela, Helena Nyman, Johanna Ruusuvuori,  
FINLAND

**Strengthening competence in work-related rehabilitation to  
lengthen work careers – the KUURA project**

Nina Nevala, FINLAND

**Early vocational rehabilitation in the return-to-work process**

Metka Teržan, Valentina Brecelj, Nuša Kerč, SLOVENIA

**Rehabilitation care for injured workers: highlighting how policies  
frame professional practices in four jurisdictions**

Anne Hudon, Ellen MacEachen, Katherine Lippel, CANADA

**Employment of persons with disabilities in Slovenia**

Aleksandra Tabaj, Črtomir Bitenc, SLOVENIA

**Artificial Intelligence technologies in vocational rehabilitation:**

**Practical approaches for a digital transformation**

Rolf Feichtenbeiner, Susanne Bartel, Michael Thieke-Beneke, Berit  
Blanc, GERMANY

**Wrist flexion and extension strength in patients suffering from  
work-related chronic elbow pain: The isokinetic effort factor and its  
implications**

Joaquim Chaler, Mercè Torra, Eduard Pujol, Anna Maiques, Federica  
Federica Anasetti, Roser Garreta, Zeevi Dvir, SPAIN

15.30 – 17.00

## **ORAL SESSION 4: ENVIRONMENT AND OTHER TOPICS**

(10 minutes for presentation and 5 minutes for discussion)

---

**Review of 18 different European countries on housing adjustments  
for (physically) disabled people**

Črtomir Bitenc, Aleksandra Tabaj, SLOVENIA



**What kind of advice seek outpatients in smart home IRIS**

Metka Moharić, SLOVENIA

**Factors underlying the regional differences in rehabilitation participation in Finland**

Sari Miettinen, Ismo Ukkola, FINLAND

**Social work in rehabilitation: Applying action research principles to practice**

Andrej Poglajen, Špela Malečihar, SLOVENIA

**Assessment of cognitive function in patients with systemic sclerosis**

Cecília Varjú, Antonietta Kovács, Luca Krampek, Nelli Farkas, László Czirják, Tünde Minier, Gyöngyvér Birkás, Gabriella Nagy, Gábor Kumánovics, HUNGARY

**Effectiveness of kinesiotaping in pregnant women with sacroiliac joint pain: a randomized controlled study**

Banu Ordahan, Jule Eriç Horasanlı, TURKEY

15.30 – 17.15

## **WORKSHOP 2**

---

**How to write an article**

Franco Franchignoni, Italy, Levent Ozçakar, TURKEY

17.15 – 18.30

## **POSTER SESSION 1** (3 minutes for presentation)

---

**Comprehensive rehabilitation of COVID-19 patients with pneumonia and respiratory failure – first experiences**

Primož Novak, Aleksander Zupanc, Zdenka Prosič, Bernarda Hafner, Nataša Kic, SLOVENIA

**Evaluation of the rehabilitation program in the PostCovid Day Clinic for Physical Medicine and Rehabilitation in patients after mechanical ventilation due to COVID-19 pneumonia**

Jan Aksentijević, Luciana Mijačika, Dubravka Bobek, CROATIA

**Never neglect rehabilitation**

Yasemin Yumusakhuylu, Belgin Erhan, Ismail Hakan Akbulut, Tolga Aksan, TURKEY



**High intensity electromagnetic field in post-COVID-19 rehabilitation**

Aleksandra Ilieva, BULGARIA

**Assistive technology for patients after COVID-19 at discharge from rehabilitation**

Nataša Ogrin Jurjevič, Zdenka Prosič, SLOVENIA

**The ICD-11 adjustment disorder: triggering events and symptom constellations.**

Alexa Kupferschmitt, Volker Köllner, GERMANY

**10 minutes break**

**Entering vocational rehabilitation in Slovenia**

Aleksandra Tabaj, Črtomir Bitenc, SLOVENIA

**Work anxiety and capacity impairments in a national representative sample**

Beate Muschalla, GERMANY

**Employment and workability in patients with brain tumor and breast cancer: preliminary results of a prospective study**

Fabiola Silvaggi, Matilde Leonardi, Fabrizio Tagliavini, Antonio Silvani, Elena Lamperti, Silvia Schiavolin, Giovanni Apolone, Serena Di Cosimo, Secondo Follil, ITALY

**Who is at risk? – Type-D personality in patients in psychosomatic rehab as a risk factor for work-related impairments**

Alexa Kupferschmitt, GERMANY

**Mental health and well-being in the workplace: the EMPOWER project**

Alberto Raggi, Claudia Toppo, Beatriz Olaya, Ellen Vorstenbosch, Josep Maria Haro, Matilde Leonardi, ITALY

**An example of successful rehabilitation of a young woman after traumatic knee extraarticulation**

Ana Golez, SLOVENIA

**Rehabilitation Services for Closing the rehabilitative Gap after Major Amputation of Lower Extremity**

Christoph Egen, GERMANY



**Piloting coaching for mobility in SAAM project application for patients after lower limb amputation**

Mojca Debeljak, Zlatko Matjačić, Helena Burger, SLOVENIA

**Numerical approach for optimization of prosthetic sockets and liners**

Vasja Plesec, Gregor Harih, SLOVENIA

**Discussion**

17.15 – 18.30

**POSTER SESSION 2**

(3 minutes for presentation)

---

**Communication profile of a patient after brain tumor removal**

Saša Juretič, Maja Ogrin, Emica Farago, SLOVENIA

**Preoperative cognitive and psychosocial characteristics of elderly patients with brain tumors**

Arianna Mariniello, Silvia Schiavolin, Morgan Broggi, Paolo Ferroli, Matilde Leonardi, ITALY

**Pilot study on sleep pathologies treatments in patients with vegetative and minimally conscious state diagnosis for improving consciousness level - the STRIVE project**

Davide Sattin, Francesca Magnani, Martina Cacciatore, Davide Rossi Sebastiano, Matilde Leonardi, ITALY

**Contribution of Multidisciplinary Rehabilitation Management During Severe Myasthenia Gravis: a Case Study**

Maëva Cotinat, Annie Verschueren, Shahram Attarian, Jean Michel Viton, Laurent Benoussan, FRANCE

**The role of the cerebellum in MS-related fatigue and disability**

Michela Bossa, Ornella Argento, Barbara Spanò, Chiara Concetta Incerti, Leonardo Pellicciari, Valerio Pisani, Marco Bozzali, Calogero Foti, Ugo Nocentini, ITALY

**The time of first prescription of electric wheelchairs for children with neuromuscular diseases: are we too late?**

Darinka Brezovar, Katja Groleger Sršen, SLOVENIA



**What are the first words typically developing Slovenian infants and toddlers say?**

Nika Jelenc, Nuša Slana, Katja Groleger Sršen, SLOVENIA

**10 minutes break**

**Functional gait problems and hip range of motion in children with an intoed gait pattern**

Teja Hermann Kovacec, Varja Flander, Katja Groleger Srsen, SLOVENIA

**Parental opinion toward adjusting clothes in children with motor impairment**

Simona Korelc Primc, Katja Groleger Sršen, SLOVENIA

**First impressions with lower extremity exoskeleton during rehabilitation of spinal cord injured patients**

Benjamin Shenker, Luca Tóth, Péter Maróti, Gergely Hrivnák, Péter Cserháti, HUNGARY

**Botulinum toxin application to internal and external oblique muscles for abdominal spasms in spinal cord injury**

Ozge Kenis-Coskun, Osman Albayrak, Esra Giray, Evrim Karadağ Saygi, TURKEY

**Chronity in outpatient psychotherapy.**

Michael Linden, Julia Solvie, David Schymainski, GERMANY

**Adequacy of current Slovenian criteria for prescribing electric powered wheelchairs (EW)**

David Breclj, SLOVENIA

**The psychosocial context of divorce disputes with allegations of violence**

Jitka Fialová, CZECH REPUBLIC

**Discussion**





## POSTER SESSION 3

(3 minutes for presentation)

---

**Goal setting and Functioning in Rehabilitation Inventory (GoFoRIt)  
– an ICF-based screening for rehabilitative needs and participative  
treatment goal setting**

Christoph KORALLUS, CHRISTOPH EGEN, Christoph Gutenbrunner,  
Andrea Bökel, GERMANY

**The role and use of time and space in aging: the TAPAS in Aging  
project**

Claudia Toppo, Erika Guastafierro, Rosa Romano, Sara Bordoni, Rino  
Campioni, Ersilia Brambilla, Carla Facchini, Matilde Leonardi, ITALY

**SAAM Sleep Better – Improving Older Adults’ Sleep Quality with  
the Help of SAAM, an AAL Coaching System for a Healthy Sleep**

Magdalena Gärtner, Anna Winkler, Alexander Meschtscherjakov,  
AUSTRIA

**Awareness and acceptance of smart services among elderly - a  
survey conducted in three European countries**

Gabriella Tónay, András Tóth, Tamás Pilissy, Vera Stara, Margherita  
Rampioni, Sorin-Aure Moraru, Adrian Alexandru, Gábor Fazekas,  
HUNGARY

**Efficacy of high intensity Preoperative Training on Postoperative  
Outcomes in Greek Patients Undergoing Total Knee Arthroplasty: a  
randomized controlled study.**

Dimitrios Vasileiadis, Georgios Drossos, Georgios Charitoudis,  
Ismene Dontas, John Vlamis, GREECE

**Management of massive heterotopic ossification after primary total  
hip arthroplasty**

Samo Fokter, SLOVENIA

**Acupuncture as a pain management treatment in a patient with  
facioscapulohumeral muscular dystrophy**

Louise Foster, Bryn Edwards, UNITED KINGDOM

**10 minutes break**



**Complex regional pain syndrome as a consequence of deviated organization of local and whole brain network**

Milica Klopčič Spevak, SLOVENIA

**Short term effect of radial shock wave therapy on function and pain in subjects with calcific tendinitis of supraspinatus**

Klemen Grabljevec, Neža Majdič, SLOVENIA

**Effects of low level laser therapy and local corticosteroid injection in the treatment of plantar fasciitis**

Ayşegül Yetisir, TURKEY

**High intensity laser therapy in patients with rheumatoid arthritis**

Aleksandra Ilieva, Mariela Geneva-Popova, BULGARIA

**Interrater reliability of the Nine Hole Peg Test performed according to a new Czech manual in rheumatological patients**

Kateřina Rybářová, Barbora Nováková, Jitka Sýkorová, Olga Nováková, Yvona Angerová, CZECH REPUBLIC

**The meaning of eclecticism in psychological treatment of children and adolescents with chronic non-malignant chronic pain**

Barbara Rauter, Svetlana Logar, SLOVENIA

**Physiotherapeutic treatment of a patient with endometriosis (case report)**

Klaudia Michalčinová, Yvona Angerová, CZECH REPUBLIC

**Discussion**



# FRIDAY, SEPTEMBER 24

8.00 – 9.15

## WORKSHOP 3

---

**Implementing ICF and WHO-DAS in clinical practice**

Matilde Leonardi, Alberto Raggi, ITALY

8.00 – 9.15

## WORKSHOP 4

---

**Enhancing physical activity in people with stroke and other neurological conditions: how everyone can make a difference**

Frederike van Wijck, Dora Regoczi, UNITED KINGDOM

8.00 – 9.15

## POSTER SESSION 4

(3 minutes for presentation)

---

**Heart rate responses between the circuit class training stations and the effects of training in chronic stroke**

Tina Novak, Urška Puh, SLOVENIA

**Post-stroke cognitive impairment is frequent after infratentorial infarct**

Henrik Moliis, Hanna Jokinen, Eeva Parkkonen, Markku Kaste, Timo Erkinjuntti, Susanna Melkas, FINLAND

**Pilot study investigating the improvement of arm function and enjoyment after Class Circuit Training or Goal Directed Training after stroke**

S.G. Rozevink, C.K. van der Sluis, J.M. Hijmans, NETHERLANDS

**Activity monitoring in stroke rehabilitation: Advanced information for therapists and motivational factors for patients**

Peter Schubert, Lukas Wohofsky, Daniela Krainer, AUSTRIA

**Successful paths from requirements to demonstrator via User-Centered Design**

Philip Scharf, Lukas Wohofsky, Sandra Lattacher, AUSTRIA

**Smartphone-based upper limb rehabilitation system for post-stroke patients**

Primož Čuvan, Matjaž Mihelj, Margit Gföhler, AUSTRIA



**Instrumentation opportunities in the status assessment of post-stroke patients with shoulder pain**

Tamás Pilissy, Zsófia Markó, Ibolya Tavaszi, András Tóth, Gábor Fazekas, HUNGARY

**10 minutes break**

**Robotic upper-limb rehabilitation in chronic stroke patients**

Tea Schnurrer-Luke-Vrbanic, Ivana Banicek-Sosa, Matea Bagatin, Viviana Avancini-Dobrovic, CROATIA

**Structured open-source procedure for the design and validation of an arm rehabilitation device**

Tomislav Bazina, Ervin Kamenar, Saša Zelenika, Tea Schnurrer-Luke-Vrbanić, Ana Škifić, Jasen Zenzerović, CROATIA

**Technological platform to support REHA2030 telerehabilitation service**

Aleksander Rajhar, SLOVENIA

**Service Model REHA2030 - for post-hospital tele-rehabilitation of stroke patients**

Katja Steinhauser, AUSTRIA

**A simulation model for analysing the effects of external assistance and perturbations during gait**

Matej Tomc, Zlatko Matjačić, SLOVENIA

**Virtual versus real world in robot assisted therapy**

Ibolya Tavaszi, András Tóth, Tamás Pilissy, Gábor Fazekas, HUNGARY

**Development and a preliminary efficacy study of Lateral Transfer Assist Robot (LTAR): effects on lower limb muscle activity during transferring**

Soichiro Koyama, Shigeo Tanabe, Shotaro Furuzawa, Eiichi Saitoh, Yohei Otaka, JAPAN

**Discussion**



9.20 – 10.35

## PLENARY SESSION 3

---

**Promoting recovery of after stroke**

Nick Ward, UNITED KINGDOM

**Ageing**

Matteo Cesari, ITALY

10.35 – 11.00

Break/Networking with participants

11.00 - 12.30

## ORAL SESSION 5: STROKE

(10 minutes for presentation and 5 minutes for discussion)

---

**Stroke rehabilitation challenges in the Slovenian-Austrian region:  
Novel telerehabilitation approaches to enhance service provision**

Lukas Wohofsky, Daniela Krainer, AUSTRIA

**Early Edaravone Use in Acute Ischemic Stroke Patients: the  
resurgence of an old promise?**

Nuno Caria Ramalhão, Raquel Araujo, Margarida Ribeiro, Sara Caldas Afonso, Rosa Amorim, PORTUGAL

**Urinary Incontinence and Lower Urinary Tract Symptoms in  
Patients after Stroke during Subacute Rehabilitation**

Nataša Bizovičar, Brigita Mali, Nika Goljar, SLOVENIA

**Long term Functional Electrical Stimulation in Spastic Stroke  
Patients**

Nika Goljar, Natasa Bizovicar, Marko Rudolf, SLOVENIA

**Efficacy of mindfulness-based cognitive therapy in post-stroke  
rehabilitation**

Veronika Udvardi, Gábor Fazekas, HUNGARY

**A qualitative exploration of barriers and facilitators to physical  
activity participation among a group of Turkish patients with stroke  
who are community-dwelling and physically inactive**

Evrin Karadag-saygi, Esra Giray, Nurullah Eren, Gunay Yolcu, Ozge Kenis-Coskun, Serap Ciftcili, TURKEY



## ORAL SESSION 6: QUALITY OF LIFE

(10 minutes for presentation and 5 minutes for discussion)

---

**Perceived environmental barriers of people with Spinal Cord Injury in Germany and their impact on Quality of Life**

Andrea Bökel, GERMANY

**Quality of life in Slovenian patients with slowly progressive neuromuscular disease**

Metka Moharić, Nika Lajlar, Gaj Vidmar, SLOVENIA

**Which components of physical fitness affect the quality of life of adults with intellectual disabilities?: a mixed methods study**

Tine Kovačič, Joca Zurc, SLOVENIA

**Web-based adaptation training has a positive influence on subjective well-being – Preliminary results**

Piia Pietilä, Ilja Salakka, Heidi Anttila, Sinikka Hiekkala, Erja Poutiainen, FINLAND

**The possible role of animal-assisted therapy in clinical recovery and improving quality of life**

Veronika Mittly, György Purebl, Veronika Fáy, HUNGARY

**The Effect of Telerehabilitation on Quality of Life, Anxiety and Depression Levels in Children with Cystic Fibrosis and Their Caregivers**

Ozge Kenis-Coskun, Ahsen Nihal Aksoy, Aybike Yilmaz, Eda Nur Kumaş, Elifnur Güven, Hatice Hilal Ayaz, Pinar Almala Ergenekon, Tugce Sozer, Evrim Karadag- Saygi, TURKEY



11.00 – 12.30

## **ORAL SESSION 7: LIMB LOSS AND TECHNOLOGY**

(10 minutes for presentation and 5 minutes for discussion)

---

**The development of a patient decision aid for upper limb prostheses: a co-creation process**

Nienke Kerver, Laura Boerema, Corry K. van der Sluis, Sacha van Twillert, NETHERLANDS

**An application of multivariate statistical process control for mixed-type data in prosthetic rehabilitation after lower-limb amputation**

Neža Majdič, Rok Blagus, Gaj Vidmar, Helena Burger, SLOVENIA

**An international, double-blind, randomized controlled clinical trial for phantom motor execution as a treatment for phantom limb pain: preliminary results**

Eva Lendaro, Liselotte Hermansson, Cathrine Widehammar, Helena Burger, Els Keesom, Corry K Van der Sluis, Brian E McGuire, Paul O' Reilly, Lina Bunketorp-Käll, María Jose Muñoz Novoa, Anita Stockselius, Lena Gudmundson, Wendy Hill, Kristi Truner, Levi Hargrove, Max Ortiz-Catalan, SWEDEN

**Falls as an important indicator of quality in patients after amputation**

Romana Petkovšek-Gregorin, Agata Križnar, Helena Burger, Gaj Vidmar, SLOVENIA

**The Walking Ability Scale for lower-limb prosthesis users**

Helena Burger, Franco Franchignoni, Andrej Bavec, Andrea Giordano, SLOVENIA

**Automated process of making custom made insoles**

Karlo Obrovac, Jadranka Vuković Obrovac, Adriana Obrovac, CROATIA

12.30 – 13.00

Lunch break/Sponsors chat

13.00 – 14.00

## **EFRR GENERAL ASSEMBLY**

---



14.15 – 15.30 **PLENARY SESSION 4**

---

**Robotics: robot-assisted arm training after stroke: insights from the RATULS study**

Hermano Igo Krebs, USA, Frederike van Wijck, UNITED KINGDOM

15.30 – 15.45 Break/participants networking

15.45 – 17.30 **ORAL SESSION 8:  
BALANCE PROBLEMS AND ROBOTICS**  
(10 minutes for presentation and 5 minutes for discussion)

---

**Reliability of stabilometry according to the modified clinical test of sensory interaction and balance and differences between age groups**

Mojca Pišotek, Urška Puh, SLOVENIA

**Early balance training may accelerate the motor learning process of trans-tibial prosthesis users**

Imre Cikajlo, Jovana Mitić, Helena Burger, SLOVENIA

**The Effect of Balance Training Program on Postural Stability in Children with Dyslexia**

Rekib Sacaklıdır, Evrin Karadag-Saygi, Nurullah Eren, Kardelen Gencer-Atalay, Burcu Erdoğan, TURKEY

**Integration of HMD-based Immersive Virtual Reality in a Lokomat Gait Rehabilitation Robot**

Jan Veneman, SWITZERLAND

**Implementation of robotics in rehabilitation: does it make sense?**

Gabor Fazekas, HUNGARY

**Posters**

(3 minutes for presentation)

---

**Dynamic balancing responses in unilateral transtibial amputees following perturbation in anteroposterior direction during slow treadmill walking**

Andrej Olenšek, Matjaž Zadavec, Helena Burger, Zlatko Matjačić, SLOVENIA





**Perturbation-based gait training may require subject-specific approach: Results of exploratory study**

Matjaž Zadavec, Andrej Olenšek, Marko Rudolf, Nataša Bizovičar, Nika Goljar, Zlatko Matjačić, SLOVENIA

15.45 – 17.30

## **ORAL SESSION 9: RETURN TO WORK 2**

**(10 minutes for presentation and 5 minutes for discussion)**

---

**Who returns to work partially after mild traumatic brain injury?**

Antti Huovinen, Ivan Marinkovic, Harri Isokuortti, Antti Korvenoja, Kaisa Mäki, Taina Nybo, Rahul Raj, Susanna Melkas, FINLAND

**Possible factors influencing participation in working life for persons with spinal cord injury**

Christian Sturm, Andrea Bökel, Christoph Gutenbrunner, GERMANY

**Work Participation after Multimodal Rehabilitation due to Respiratory Diseases. Re-presentative Analyses using Routine Data of the German Pension Insurance**

Marco Streibelt, Pia Zollmann, GERMANY

**People with intellectual disabilities in the general labor market? A qualitative interview study from the perspective of parents**

Regina Weißmann, Burcu Ilkay Köse, Joachim Thomas, GERMANY

**The effectiveness of rehabilitation interventions on the employment and functioning of people with intellectual disabilities: a systematic review**

Nina Nevala, Irmeli Pehkonen, Antti Teittinen, Hannu T. Vesala, Heidi Anttila, FINLAND

**Guidelines for the employment of people with autism spectrum disorders**

Valentina Breclj, Tina Janežič, SLOVENIA

**Evaluation of vocational rehabilitation for 2018: satisfaction with the process of vocational rehabilitation and quality of life of service users**

Črtomir Bitenc, Valentina Breclj, SLOVENIA



**ORAL SESSION 10:  
REHABILITATION OF PEOPLE WITH  
NEUROLOGICAL PROBLEMS AND SPASTICITY**  
(10 minutes for presentation and 5 minutes for discussion)

---

**Audit on the use of Benzodiazepines and Z drug hypnotics (BZRA) in Acquired Brain Injury (ABI) inpatients in a Rehabilitation Hospital**  
Catherine Boyle, Patrick Bell, Aaisha Khan, IRELAND

**Improvement of care for families of people after traumatic brain injury in Czech Republic**

Yvona Angerova, Zuzana Jarosova, Maria Krivosikova, CZECH REPUBLIC

**Neurorehabilitation of Multiple Sclerosis in the British Military**

Oliver O'Sullivan, James Mitchell, Shreshth Dharm-Datta, Henrietta Ellis, UNITED KINGDOM

**Alternative and augmentative communication for adults in Slovenia**

Katja Galič Brancelj, Mojca Debeljak, Metka Moharič, SLOVENIA

**BoNT A Therapy in the early acute phase following stroke to avoid disabling spasticity**

Jörg Wissel, Songjin Ri, Anatol Kivi, Stefanie Gläß, GERMANY

**Long-term Compliance of Botulinum Toxin A Injection in Patient with Spasticity**

Belgin Erhan, Işıl Fazilet Turna, TURKEY

**Intra- and interrater reliability of the modified Ashworth scale for twelve muscle groups in patients after stroke**

Tjaša Vidmar, Nika Goljar Kregar, Marko Rudolf, Urška Puh, SLOVENIA

# SATURDAY, SEPTEMBER 25

8.30 – 10.00

## WORKSHOP 5

---

**From Annoyances to Fatal Flaws: What IJRR Editors Do Not Want to See in Submitted Manuscripts?**

Črt Marinček, SLOVENIA, Dobrivoje S. Stokic, UNITED STATES OF AMERICA, Lajos Kullmann, Hungary, Gaj Vidmar, SLOVENIA

8.30 – 10.00

## WORKSHOP 6

---

**Caregiver burden in disabilities**

Gulseren Akyuz, Evrin, Karadag-Saygi, Ozge Kenis-Coskun, Esra Giray, TURKEY

8.30 – 10.00

## ORAL SESSION 11: (RE)HABILITATION OF CHILDREN

(10 minutes for presentation and 5 minutes for discussion)

---

**Norway and the Right to Respect Family Life from the Perspective of the European Court of Human Rights**

Tomáš Zdechovský, Jitka Fialová, CZECH REPUBLIC

**The efficiency of selective dorsal rhizotomy and intensive physiotherapy program for non-walking children with cerebral palsy**

Katja Groleger Sršen, Irena Jemec Štukl, Neža Majdič, SLOVENIA

**Long-term results of pelvic floor animated biofeedback in children with different types of lower urinary tract symptoms**

Maria Laura Sollini, Maria Luisa Capitanucci, Giovanni Mosiello, Giuseppina Di Serio, Calogero Foti, Ugo Nocentini, ITALY

**Rehabilitation outcome of comprehensive approach to new-borns and infants with brachial plexus impairment**

Zala Kacijan, Monika Dolinar, Katja Groleger Sršen, SLOVENIA

**A pilot study of effectiveness of interdisciplinary treatment in children and adolescent with chronic non-malignant pain**

Barbara Horvat Rauter, Katja Groleger Sršen, SLOVENIA



10.00 – 11.15 **PLENARY SESSION 5**

---

**Modern technology for assessment and functional independence**

Hans Rietman, NETHERLANDS

**Virtual reality**

Helena Fordell, SWEDEN

11.15 – 11.30 **Break/ Participants networking**

11.30 – 13.00 **ORAL SESSION 12:  
DRIVING FOR PEOPLE WITH DISABILITIES**  
(10 minutes for presentation and 5 minutes for discussion)

---

**Assessing fitness to drive of neurological patients using a driving simulator**

Kristina Stojmenova, Lenart Motnikar, Urša Čižman Štaba, Karmen Resnik Robida, Jaka Sodnik, SLOVENIA

**SimFit2Drive – a screening tool for holistic assessment of driver's fitness to drive**

Kristina Stojmenova, Marko Sremec, Jaka Sodnik, SLOVENIA

**Functional differences between lower limbs in drivers with right transtibial amputation and fitted prosthesis**

Marko Sremec, SLOVENIA

**Abilities of patients after stroke to drive an electric scooter or powered wheelchair**

Julija Ocepek, Nataša Bizovičar, Vesna Mlinarič Lešnik, SLOVENIA

**Evaluation of management and driving skills of wheelchair: pilot study**

Katja Groleger Sršen, Simona Korelc, Darinka Brezovar, Laura Kostanjšek, Jana Brodnik, Anita Merhar, SLOVENIA

**Posters**

(3 minutes for presentation)

---

**Assessment of fitness-to-drive after stroke: a neuropsychological perspective**

Gábor Szabó, HUNGARY



**Comparison of neuropsychological assessment and driving-simulation variables in a sample of neurological patients**

Urša Čižman Štaba, SLOVENIA

**Adaptation of vehicles for physically handicapped in Slovenia**

Rajmond Šavrin, SLOVENIA

11.30 – 13.00

## **ORAL SESSION 13: SPORT AND SPORT FOR DISABLED**

**(10 minutes for presentation and 5 minutes for discussion)**

---

**„Be silent and take over“: normalising injuries and lack of rehabilitation in the elite women’s artistic gymnastics**

Joca Zurc, SLOVENIA

**Effectiveness of Tulppa program on cardiovascular risk factors and emotional well-being - preliminary results of a controlled study**

Piia Pietilä, Ilja Salakka, Marjaana Lahti-Koski, Anna-Mari Hekkala, Anneli Luoma-Kuikka, Erja Poutiainen, FINLAND

**Evaluation of glenohumeral rotators using isokinetic testing in sitting volleyball players**

Andrej Bavec, Helena Burger, SLOVENIA

**Lower-limb muscle contractile properties, explosive power and subjective response in Slovenian First League soccer players to COVID-19 lockdown**

Rado Pišot, A. Paravlic, B. Simunic, M. Kleva, M. Vogrin, K. Teraz, U. Marusic, SLOVENIA

**„Let’s Kick the Disease“: Karate and Rehabilitation. A pilot Study.**

Stefano Faraci, Elisa Porcu, Vincenzo D’Onofrio, Gennaro Gatto, Maria Teresa La Torre, Concetta Ljoka, Laura Giordani, Calogero Foti, Ugo Nocentini, ITALY

**Is there an effect of lymphedema on bone mineral density in the affected forearm?**

Aydan Oral, Ekin Ilke Sen, Sina Arman, Dilşad Sindel, TURKEY



11.30 – 13.00

## ORAL SESSION 14: TELEREHABILITATION

(10 minutes for presentation and 5 minutes for discussion)

---

**Remote rehabilitation that incorporates discussion of values in therapy is possible with an online card-sorting exercise**

Andrew Bateman, UNITED KINGDOM

**Does combining face-to-face treatment with telerehabilitation affect functional outcomes in chronic pain patients' rehabilitation?**

Zala Kuret, Nika Bolle, Neža Majdič, Saša Bole, SLOVENIA

**From face-to-face treatment of chronic pain patients to part-telerehabilitation in time of COVID-19 - do occupational performance outcomes vary?**

Barbara Osolnik, Nika Bolle, Andreja Švajger, Helena Grilj, Neža Majdič, Zala Kuret, SLOVENIA

**Ambulatory monitoring and coaching for the aftercare of occupational rehabilitants: Low-threshold, discreet and practicable provision of need-oriented support**

Elisabeth Riedl, Anna Moraß, Regina Schmid, Wolfgang Dings, Joachim Thomas, GERMANY

**Assessment of coaching technology for seniors by potential users in Bulgaria – SAAM project**

Zlatka Gospodinova, Nadejda Miteva, Vera Veleva, Yordan Dimitrov, BULGARIA

**Ethical considerations in designing and implementing AAL technologies: the SAAM case study**

Nadejda Miteva, Zlatka Gospodinova, Vera Veleva, Yordan Dimitrov, BULGARIA

13.10 – 13.20

## CLOSING

---

