FF Session	Order	Poster Board Number	Society	Title	Presenter
AM	1	P-096	INRS	Usability and Feasibility Study of Myosuit-based gait training for Ambulatory Neurological Patients with Gait Disorders	Liliana Paredes
AM	2	P-017	ACRM	Feasibility of Knee Hyperextension Controlling Robot-assist Treadmill-based Gait Training System	Na Young Kim
AM	3	P-091	ICORR	1D-Convolutional Neural Networks can quantify therapy content of children and adolescents walking in a robot-assisted gait trainer	Florian van Dellen
AM	4	P-110	IFESS	EFFECTS OF ELECTRICAL MUSCLE STIMULATION ON MYO-FASCIALS PAIN SYNDROME: A PRELIMINARY STUDY	Seekaow Churproong
AM	5	P-023	ICORR	A Tailorable Robotic Hand Orthosis to Support Children with Neurological Hand Impairments: a Case Study in a Child's Home	Gaizka Goikoetxea-Sotelo
AM	6	P-085	ICORR	Comparison of two designs principles of unpowered ankle-foot orthoses for supporting push-off: a case study	Cristina Bayon
AM	7	P-134	ACRM	Smartphone App for patients with hemiplegia to support self-administered graded upper extremity exercise using deep learning model: Development and Usability Study	Seung Nam Yang
AM	8	P-104	ICORR	The Use of Kinematic Features in Evaluating Upper Limb Motor Function Learning Progress Based on Machine Learning	Shuhao Dong
AM	9	P-084	ASEAN	Real-time Detection of Signal Artefacts and Muscle Fatigue using a Multi-channel Digital Electromyography Sensing System	Eisa Aghchehli
AM	10	P-051	ICORR	Quantitative and Qualitative Evaluation of Exoskeleton Transparency Controllers for Upper-limb Neurorehabilitation	Stefano Dalla Gasperina
AM	11	P-026	ACRM	Applying Concurrent Auditory Feedback on Swing Phase Kinematics in Hemiparetic Gait Training	Prithvi Ravi Kantan
AM	12	P-020	INRS	Closed-loop Shared Proportional Position Control of a Prosthetic Hand using Sonomyography	Shriniwas Mahesh Patwardhan
AM	13	P-146	IFESS	Development of a Real-time Brain-controlled Transcutaneous Spinal Cord Stimulation System for Corticospinal Neuroplasticity: A Case Study	Rizaldi A. Fadli
AM	14	P-116	ICORR	Exploiting Natural Locomotion Synergies to Incorporate Motion of Crutches for Adaptive Gait Pattern Shaping	Christian Vassallo
AM	15	P-049	INRS	Technology-Based Gait Training in People With Chronic Gait Impairments – Is It Worth It?	Eveline S Graf
AM	16	P-062	ICORR	Hip Exoskeleton Based Indirect Intervention Strategy Towards Gait Training After Total Knee Arthroplasty	Zilu Wang
AM	17	P-197	ACRM	Using fMRI to explore the central regulatory mechanism of swallowing initiation in the post-stroke pharyngeal phase	Han Xu
AM	18	P-198	ASEAN	Effects on Functional Motor Performance for Persons with Stroke Using AR-based Rehabilitation System	Hsuan-Yu Lu
AM	19	P-030	ICORR	Gamification of Physical Therapy Exercises using Commercial Entertainment Content: A Safety and Feasibility Study	David Rode
AM	20	P-192	IFESS	Investigating the immediate effect of tSCS on gait speed and spasticity in patients with Multiple Sclerosis – preliminary results	Eira Lotta Spieker
AM	21	P-159	ICORR	Robotically Aided Method to Characterise the Soft Tissue Interaction with Wearable Robots	Felipe Ballen-Moreno
AM	22	P-193	INRS	Usability and Acceptability Study on a Digital Speech and Language Therapy Platform	Laura Marriot
AM	23	P-219	ACRM	Effective of Analysis of the Upper Limb Rehabilitation Exercise System Based on Artificial Intelligence	Hyun Jong Lee
AM	24	P-174	ICORR	MITEx: a portable hand exoskeleton for assessment and treatment in neurological rehabilitation	Davide Astarita
AM	25	P-222	IFESS	Machine Learning Classification of Pre- and Post-Fatigue State in FES-Activated Quadriceps With a Novel Wearable Ultrasound Sensor	Vidisha Ganesh
AM	26	P-180	ICORR	Increasing the Motivation to Train Through Haptic Social Interaction Pilot study	Aravind Nehrujee
AM	27	P-221	INRS	A Graphical User Interface to Provide Feedback on Upper Limb Function Using Technology-Based Metrics	Nadine Alice Domnik
AM	28	P-203	ICORR	Effect of Dynamic Energy Regeneration and Plugging Energy Regeneration on Braking Torque	Yanggang Feng
AM	29	P-204	IFESS	CHARACTERIZATION, COMPLIANCE AND USER EXPERIENCE OF A HOME BASED FES REHABILITATION PROTOCOL IN CHRONIC STROKE SURVIVORS. A clinical experience for wider adoption of technologies in ecological environments	Juan Pablo Gonzalez Appelgren
PM	1	P-042	ICORR	Augmented Reality Feedback for Exoskeleton-Assisted Walking. A Feasibility Study.	Eduardo Rocon
PM	2	P-126	IFESS	The potential of Functional Electrical Stimulation to support grasping of differently shaped objects after stroke: a randomized cross-over study	Chiara Höhler
PM	3	P-095	ICORR	A Novel Tilted-Plane Ergometer System for Subject-Specific Rehabilitation	Seonghyun Kang
PM	4	P-103	ACRM	Predicting Motor Impairments in Stroke Patients with Deep Learning and Gait Kinematics Data	Patrick Kwong
PM	5	P-156	INRS	Telerehabilitation using a 2D planar arm rehabilitation robot for hemiparetic stroke: Preliminary results of a pilot feasibility trial	Karen SG Chua
PM	6	P-102	ICORR	Control of a Back-Support Exoskeleton to Assist Carrying Activities	Maria Lazzaroni
PM	7	P-179	IFESS	DEVELOPMENT OF AN EASY-TO-USE AT-HOME UPRIGHT BALANCE THERAPY PROTOTYPE FOR INDIVIDUALS WITH INCOMPLETE SPI-NAL CORD INJURY	Derrick Lim Ruey Chuan
PM	8	P-106	ICORR	Instrumented upper limb functional assessment using a robotic exoskeleton: normative references intervals	Alessandra Pedrocchi
PM	10	P-027	ASEAN	User-Centered Design of Auditory Feedback for Hemiparetic Gait Rehabilitation	Prithvi Ravi Kantan
PM	11	P-057	ICORR	Adaptive filter for biosignal-driven force controls preserves predictive powers of sEMG	Marek Sierotowicz
PM	12	P-048	INRS	Barriers and Facilitators to the Use of Wearable Robots as Assistive Devices – Views and Experiences of Older Adults and Physiotherapists	Eveline S Graf
PM	13	P-125	ICORR	Systematic evaluation of a knee exoskeleton misalignment compensation mechanism using a robotic dummy leg	Stefano Massardi
PM	14	P-037	ACRM	Robotic-based upper-limb training for chronic stroke survivors with somatosensory deficits	Ananda Sidarta
PM	15	P-070	ICORR	INSPIIRE A Modular and Passive Exoskeleton to Investigate Human Walking and Balance	Tristan Vouga
PM	16	P-218	INRS	Kinematic Measures From Mono-Ocular and Multi-View Camera-Based Pose Estimation for the Assessment of Upper Limb Movement Quality After Stroke – A Methods Comparison Study	Tim Unger
PM	17	P-200	IFESS	The effect of neuromuscular electrical stimulation on bowel management in people with spinal cord injury – preliminary results	Marie Alberty
PM	18	P-133	ICORR	The Study of Complex Manipulation via Kinematic Hand Synergies: The Effects of Data Pre-Processing	A. Michael West Jr.
PM	19	P-185	ACRM	Co-designing ecologically-valid platforms for neuropsychological rehabilitation	Filipa Ferreira-Brito
PM	21	P-165	ICORR	Air Efficient Soft Wearable Robot for High-Torque Elbow Flexion Assistance	Harrison Young
PM	22	P-033	INRS	Effective Alalia Rehabilitation Using Translingual Neurostimulation (TLNS): A Pilot Controlled Study.	Evgeny Bugorsky
PM	23	P-178	ICORR	Development of the Biomech-Wrist: a 3-DOF exoskeleton for rehabilitation and training of human wrist	Roderico Garcia-Leal
PM	24	P-078	ACRM	Effects of Patient Driven Passive Hand Function Therapy using a Real Time Digital and Gamified Interface on Functional Hand Abilities in Chronic Stroke	Vineet Johnson

PM	25	P-188	ICORR	Shoe-Type Walking Assist Robot with Controllable Subtalar Joint Alignment at Heel Contact	Yuta Ishii
PM	26	P-237	INRS	Essential user needs of home-based robotic hand rehabilitation device for post-stroke hemiparetic patients	Chiu Hsiao Ping
PM	27	P-213	ICORR	Design and Evaluation of Cyclic Vibrotactile Funneling Illusion Method for Proprioceptive Position Sense Feedback	Yu Seok Hwang
PM	28	P-240	IFESS	REAL-TIME ULTRASOUND IMAGING BASED CLOSED LOOP CONTROL OF A HYBRID EXOSKELETON	Vidisha Ganesh
PM	29	P-235	IFESS	ACTIVITY BASED RESTORATIVE THERAPY (ABRT) IMPROVES tSCI REHABILITATION OUTCOMES REGARDLESS OF BACLOFEN USE	Desai Nikhilesh