



**Posters with even code numbers / Thursday, December 13 / presenting authors are underlined**

**P2: PSYCHOSOCIAL CORRELATES OF PHYSICAL ACTIVITY OF STUDENTS WITH INTELLECTUAL DISABILITY**

SS Santos, VA Figueiredo, FG Gomes, MP Peralta, AM Marques  
CRUZ QUEBRADA, Portugal

**P4: DESIGNING AN APP-BASED PLATFORM TO PROMOTE ACTIVITY-BASED THERAPY ADHERENCE FOR SPINAL CORD INJURY**

J. A. St John, J. A. Ekberg, M. J. Barton, J. Faichney, M. T. Todorovic  
Griffith University, SOUTHPORT, GOLD COAST, Australia

**P6: DESIGNING ACCESSIBLE EDUCATIONAL RESOURCES FOR PEOPLE WITH SPINAL CORD INJURY**

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**P8: VENTILATORY THRESHOLD ASSESSMENT IN CARDIOPULMONARY EXERCISE TEST RESULTS OF PEOPLE AFTER STROKE**

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**P10: THE EFFECT OF FORE-AFT CRANK POSITION ON THE BIOMECHANICS, COORDINATION AND PHYSIOLOGY OF RECUMBENT HANDCYCLING.**

RJK Vegter<sup>1</sup>, B Sporrel<sup>1</sup>, B Stone<sup>2</sup>, LHV Van der Woude<sup>1</sup>, BS Mason<sup>2</sup>, VL Goosey-Tolfrey<sup>2</sup>  
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**P12: IMMEDIATE EFFECTS OF WEARING A SOFT ANKLE BRACE ON PROPRIOCEPTION AND DYNAMIC POSTURAL CONTROL**

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**P14: FIXED MUSCLE SYNERGIES AND THEIR POTENTIAL TO IMPROVE THE INTUITIVE CONTROL OF MYOELECTRIC ASSISTIVE TECHNOLOGY.**

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**P16: GAIT STABILITY TRAINING IN A VIRTUAL ENVIRONMENT IN INCOMPLETE SPINAL CORD INJURED PATIENTS**

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**P18: UNRAVELLING FATIGUE AND ACTIVITY PACING IN MAINTAINING A PHYSICALLY ACTIVE LIFESTYLE AFTER STROKE REHABILITATION**

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**P20: IS FITBIT CHARGE 2 A FEASIBLE INSTRUMENT TO MONITOR DAILY PHYSICAL ACTIVITY IN WHEELCHAIR USERS?**

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**P22: THE EFFECTS OF ASYMMETRICAL GUIDANCE SETTINGS DURING LOKOMAT GUIDED GAIT IN STROKE PATIENTS**

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**P24: DETERMINING THE APPROPRIATE RESISTANCE FOR ASSESSING WHEELCHAIR PROPULSION PERFORMANCE USING THE LODE ESSEDA ERGOMETER**

S. Briley<sup>1</sup>, M J Hutchinson<sup>2</sup>, T J O'Brien<sup>2</sup>, B S Mason<sup>2</sup>, V L Goosey-Tolfrey<sup>2</sup>  
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**P26: RPE-GUIDED EXERCISE TRAINING: IMPACT ON PERCEPTUAL RESPONSES IN ADULTS WITH SPINAL CORD INJURY**

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**P28: COMBINED ARM-LEG ERGOMETRY IN SUBJECTS WITH A LOWER LIMB AMPUTATION**

E.K. Simmelink, J.B. Wempe, J.H.B. Geertzen, L.H.V. van der Woude, R. Dekker

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**P30: THE 6-MINUTE PUSH-TEST IN WHEELCHAIR-USING YOUTH WITH SPINA BIFIDA; RELIABILITY AND PHYSIOLOGIC RESPONSE.**

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**P32: A MULTIDIMENSIONAL APPROACH OF PHYSICAL BEHAVIOR TYPES IN FATIGUED MS PATIENTS**

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**P36: PHYSICAL ACTIVITY IN WHEELCHAIR-USING YOUTH WITH SPINA BIFIDA**

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**P40: REHABILITATION INTERVENTIONS TO IMPROVE PARETIC PROPULSION IN INDIVIDUALS AFTER STROKE - A SYSTEMATIC REVIEW**

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**P42: COMPARISON OF TEST PROTOCOLS ON THE ATTAINMENT OF PEAK OXYGEN UPTAKE DURING UPPER-BODY POLING**

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**P44: GAIT DEVIATIONS OF PEOPLE WITH A TRANS-FEMORAL AMPUTATION, DURING 'STEP BY STEP' STAIR CLIMBING.**

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**P46: EUROPEAN DISSEMINATION OF SPINAL CORD INJURY EXERCISE GUIDELINES**

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**P50: HEALTH AND INJURY MONITORING IN DISABLED ATHLETES**

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**P52: DYNAMIC PARAMETERS OF FORWARD PROPULSION COULD BE USED FOR MANUAL WHEELCHAIR USERS' CLASSIFICATION**

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**P54: MUSCLE ACTIVITY AND SPASTICITY DURING BOCCIA THROWING IN ATHLETES WITH CEREBRAL PALSY**

Pondman, E.M.<sup>1,3</sup>, Krog, M.M. van der<sup>1</sup>, Kerkman, J.N.<sup>1</sup>, Pelsser, J.E.F.<sup>2</sup>, Vlist, A.J. van der<sup>2</sup>, Janssen, T.W.J.<sup>1,3</sup>

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**P56: FEASIBILITY OF THE TALK TEST WITH CYCLING IN FRAIL ELDERLY PATIENTS DURING ORTHOPAEDIC GERIATRIC REHABILITATION**

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**P58: ACTIVITY PROFILES DURING WHEELCHAIR TENNIS: EFFECTS OF DIVISION, RESULT AND SCORE MARGIN**

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**P60: AMSTERDAM SPINAL CORD INJURY (AMS-SCI): DESIGN OF A LONGITUDINAL COHORT STUDY**

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**P62: HANDCYCLING CLASSIFICATION: A FIRST LOOK INTO THE CURRENT CLASSIFICATION SYSTEM**

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**P64: RESTORATION OF ELBOW EXTENSION BY TENDON TRANSFER: EFFECT ON WHEELCHAIR MOBILITY**

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**P66: MACHINE LEARNING METHODS TO IDENTIFY GAIT PATTERNS OF GERIATRIC PATIENTS WITH AND WITHOUT COGNITIVE IMPAIRMENT**

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**P68: EXTENDED CARDIAC REHABILITATION IMPROVES AEROBIC CAPACITY AND FATIGUE: THE OPTICARE RANDOMIZED CONTROLLED TRIAL**

N ter Hoeve<sup>1</sup>, M Sunamura<sup>2</sup>, H.J. Stam<sup>3</sup>, R.T. van Domburg<sup>4</sup>, H.J.G. van den Berg-Emons<sup>3</sup>

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**P70: FEASIBILITY OF OBJECTIVE ARM-HAND ACTIVITY FEEDBACK APPLIED VIA A WRIST-WORN DEVICE IN STROKE PATIENTS**

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**P72: poster is cancelled**

**P74: AEROBIC EXERCISE AND COACHING TO IMPROVE PHYSICAL FITNESS IN NEUROMUSCULAR DISEASES: I'M FINE STUDY PROTOCOL**

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**P76: PROPULSION BIOMECHANICS OF MANUAL WHEELCHAIR USERS WITH UPPER LIMB PAIN**

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**P78: FROM WAITING TO TRAINING: FEASIBILITY OF PRE- AND POSTOPERATIVE REHABILITATION FOR CARDIAC SURGERY PATIENTS**

S. Dijkstra, J Hartog, L.H.V. Woude van der, J. Fleer, P. Harst van der, M.A. Mariani

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**P80: CAPTURING PHYSICAL PERFORMANCE IN DAILY WHEELCHAIR MOBILITY: WHAT 'REAL LIFE DATA' TO MEASURE?**

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**P82: THE IMPLEMENTATION OF V?O2 KINETICS TO EVALUATE TRAINING EFFECTS IN CANCER PATIENTS**

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**P84: PROBE-DESIGN: HEART REHABILITATION IN PATIENTS AWAITING OPEN-HEART SURGERY PREVENTING COMPLICATIONS AND IMPROVING QUALITY OF LIFE**

J Hartog, F Blokzijl, S Dijkstra, MJL De Jongste, MF Reneman, W Dieperink, F Keus, JCC Van der Horst, J Fleer, LHV Van der Woude, P Van der Harst, MA Mariani  
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**P86: EFFECTIVENESS AND FEASIBILITY OF ACTIVITY COACH+; A PHYSICAL ACTIVITY INTERVENTION IN HARD-TO-REACH PHYSICALLY DISABLED PEOPLE**

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**P88: THE NEXT STEPS OF THE RESPACT COHORT STUDY: CONNECTING REHABILITATION PRACTICE AND SCIENCE**

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**P90: VIABILITY OF MYOCONTROLLED ASSISTIVE TECHNOLOGY FROM A MOTOR COORDINATION PERSPECTIVE**

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**P92: DIFFERENCES BETWEEN OXYGEN CONSUMPTION AND GROUND REACTION FORCES DURING SELF-PACED AND FIXED-SPEED TREADMILL WALKING-PILOT STUDY**

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**P94: THE IMMEDIATE INFLUENCE OF IMPLICIT MOTOR LEARNING ON GAIT IN STROKE PATIENTS**

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**P96: THE PIE=M PROJECT; DEVELOPMENT OF A TOOL TO ENFORCE EXERCISE AS MEDICINE IN HOSPITAL CARE**

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**P98: WHICH FACTORS ARE IMPORTANT WHEN PEOPLE WITH A PHYSICAL DISABILITY START WITH ORGANIZED SPORTS?**

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