

Press release

For immediate release

27 September 2023

Physiotherapists' outstanding abstract presentations recognised at World Physiotherapy Congress 2023

The following awards for outstanding abstract presentations were made at the World Physiotherapy Congress 2023, 2-4 June 2023.

Judging was based on a combined assessment of abstract and presentation quality.

World Physiotherapy outstanding platform presentation awards

Winner: Trudy Rebbeck (Australia)

- New multi-disciplinary clinical guidelines for acute and chronic whiplash-associated -disorders developed using the grade process- part 1- treatment recommendations (PL-1085)

Runner-up: Susan Ward (Ireland)

- Symptomatic hypermobility in children and young people: a scoping review of clinical characteristics using a developmental framework (PL-0953)

World Physiotherapy outstanding poster presentation awards

Winner: Hiroyuki Shimada (Japan)

- Impact of osteosarcopenia on disability and mortality among Japanese older adults (PO-3-144)

Runner-up: Julia Simmer (Germany)

- Influence of different backpack weights on trunk posture of primary school aged children during walking: a pilot study (PO-2-101)

World Physiotherapy outstanding platform presentation award: early career researcher

Winner: Garrett Bullock (United States)

- Feasibility of falls risk patient-reported and physical assessments in an osteoporosis clinic: to increase evidence-based management (PL-1961)

Runner-up: Wendy Hendrickx (Netherlands)

- A matter of changing habits: factors related to highly sedentary and inactive movement behaviour patterns in people with stroke (PL-1142)

World Physiotherapy outstanding poster presentation award: early career researcher

Winner: Frédérique Dupuis (Canada)

- A group-supervised neuromuscular training program for the treatment of low back pain in Canadian military personnel - a randomized controlled trial (PO-1-098)

Runner-up: Alison Holmes (Ireland)

- A multi-stakeholder qualitative evaluation of the ED PLUS project RCT (ePO-LBA-2057)

World Physiotherapy outstanding platform presentation award: Africa region

Winner: Nicolette Comley-White (South Africa)

- Physical challenges in adolescents with perinatal HIV: a cross-sectional study (PL-1491)

Runner-up: Mary Wetani Agoriwo (Ghana)

- Compliance and barriers to physiotherapy among persons with Parkinson's disease at the Korle Bu teaching hospital: explanatory mixed-method study (PL-1682)

World Physiotherapy outstanding poster presentation award: Africa region

Winner: Tasneem Hartley (South Africa)

- The effect of physical exercise on anxiety in people with Parkinson's disease: a systematic review of randomized control trials (PO-3-119)

Runner-up: Nicolette Comley-White (South Africa)

- Disability and fatigue intensity in adolescents with perinatal HIV (ePO-1483)

World Physiotherapy outstanding platform presentation award: Asia Western Pacific region

Winner: Emad Aboelnasr (United Arab Emirates)

- Effect of postoperative high intensity long duration inspiratory muscle training on pulmonary function and functional capacity after mitral valve replacement (PL-1713)

Runner-up: Hajar Almoajil (Saudi Arabia)

- A core outcome set for lower limb orthopaedic interventions for children with cerebral palsy: an international multi-stakeholder consensus study (PL-0456)

World Physiotherapy outstanding poster presentation award: Asia Western Pacific region

Winner: Chun-De Liao (Taiwan)

- Effects of physiotherapy in combination with intra articular injection for knee osteoarthritis: a network meta-analysis of randomized controlled trials (ePO-0234)

Runner-up: Clémence Kiho Bourgeois Yoshioka (Japan)

- Study of skeletal muscle function pathomechanisms in Duchenne Muscular Dystrophy (DMD) mouse model after dystrophin restoration by cell transplantation (PO-1-158)

World Physiotherapy outstanding platform presentation award: Europe region

Winner: Theofani Bania (Greece)

- Optimum training parameters of progressive resistance exercise to effect change in people with cerebral palsy: a systematic review and meta-regression (PL-1228)

Runner-up: Tim Nemeth (Belgium)

- Physiotherapists' professional autonomy in the national health care system in the Europe region of World Physiotherapy: a survey analysis (PL-0282)

World Physiotherapy outstanding poster presentation award: Europe region

Winner: Darren Brown (United Kingdom)

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- Conceptualising the episodic nature of disability among adults living with Long COVID: qualitative study (ePO-LBA-2039)

Runner-up: Peter Lynch (Ireland)

- Sensory substitution for orthopaedic gait rehabilitation: a systematic review and meta-analysis for clinical practice guideline development (PO-3-153)

World Physiotherapy outstanding platform presentation award: North America Caribbean region

Winner: Urvashy Gopaul (Canada)

- Advancing the practice of activity based therapy and neuro-modulation for the restoration of upper limb function after spinal cord injury (PL-1848)

Runner-up: Sinju Thomas (United States)

- Efficacy of an AI enabled patient-facing clinical decision support system in the diagnoses of lumbar radiculopathy (PL-0877)

World Physiotherapy outstanding poster presentation award: North America Caribbean region

Winner: Rachel Brosseau (Canada)

- Development of consensus clinical recommendations for decubitus positioning of the preterm neonate in the neonatal intensive care unit (PO-2-149)

Runner-up: Kwadwo Appiah-Kubi (United States)

- Concurrent vestibular-postural training promotes postural reflexes and stability (PO-2-110)

World Physiotherapy outstanding platform presentation award: South America region

Winner: Felipe González-Seguel (Chile)

- Reliability of experienced and novice critical care raters evaluating quadriceps and tibialis anterior muscle ultrasound (PL-1975)

Runner-up: Renan Resende (Brazil)

- Telerehabilitation app-based exercise program for discharged older adults on waiting list for outpatient physiotherapy: a feasibility study (PL-1041)

World Physiotherapy outstanding poster presentation award: South America region

Winner: Gonzalo Rivera (Chile)

- Effects of TDCS in neural markers in people with moderate to severe traumatic brain injury (PO-1-112)

Runner-up: Camila Santana (Brazil)

- Autonomy levels of Brazilian youth with cerebral palsy in various life areas, and associated factors (PO-1-163)

World Physiotherapy specialty groups outstanding poster presentation awards

A number of World Physiotherapy specialty groups also presented awards for outstanding abstract presentations in their clinical areas.

[International Organisation of Aquatic Physiotherapists \(IOAPT\)](#)

Flavia Gomes Martinez (Brazil)

- Comparison between two methods of gait analysis in shallow water: manual kinematic analysis and deep learning neural network (ePO-1863)

[International Confederation of Cardiorespiratory Physical Therapists \(ICCrPT\)](#)

Monira Aldhahi (Saudi Arabia)

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- Impact of psychological factors on functional performance in patients with chronic obstructive pulmonary disease (PO-2-002)

[International Society for Electrophysical Agents in Physiotherapy \(ISEAP\)](#)

Tatsunori Watanabe (Japan)

- The effects of transcranial static magnetic stimulation over the dorsolateral prefrontal cortex on working memory performance and brain oscillatory activity (PO-3-115)

[International Physical Therapists for HIV/AIDS, Oncology, Hospice and Palliative Care \(IPT-HOPE\)](#)

Martina Egloff (Switzerland)

- 'I had the feeling that nothing more could be done but now I know better': physiotherapists' views of palliative care (PO-3-149)

[International Organisation of Physiotherapy in Mental Health \(IOPTMH\)](#)

Vasileios Papatsimpas (Greece)

- How exercise can affect dementia persons? (PO-3-075)

[International Neurological Physical Therapy Association \(INPA\)](#)

Suh-Jen Lin (United States)

- Efficacy of respiratory muscle training on muscle strength and pulmonary function in individuals with spinal cord injury – a systematic review (ePO-1845)

[International Federation of Physical Therapists working in Occupational Health and Ergonomics \(IFPTOHE\)](#)

Temitope Osifeso (Canada)

- Occupational impact of musculoskeletal or mental disorders on health-related quality of life of public safety personnel: systematic review and meta-analysis (PO-3-146)

[International Association of Physiotherapists working with Older People \(IPTOP\)](#)

Anabela G. Silva (Portugal)

- Physical activity technology-mediated interventions: a systematic review and meta-analysis on its impact on older adults cognitive and physical functioning (ePO-0846)

[International Organisation of Physiotherapists in Paediatrics \(IOPTP\)](#)

Precious Madzimbe (Zimbabwe)

- Developmental delay and associated risk factors among children at United Bulawayo hospitals, Zimbabwe (ePO-0859)

[International Organization of Physiotherapists in Pelvic and Women's Health \(IOPPWH\)](#)

Priya Kannan (Hong Kong)

- Yoga and Pilates compared to pelvic floor muscle training for urinary incontinence in women: a pilot randomized controlled trial (PO-3-168)

[International Federation of Sports Physical Therapy \(IFSPT\)](#)

Takeru Abekura (Japan)

- Reliability of thoracic expansion measurements during pitching motion in relation to MER angle and pitch velocity (ePO-1565)

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EDITOR'S NOTES

About physiotherapy

Physiotherapists are experts in developing and maintaining people's ability to move and function throughout their lives. With an advanced understanding of how the body moves and what keeps it from moving well, they promote wellness, mobility and independence. They treat and prevent many problems caused by pain, illness, disability and disease, sport and work related injuries, ageing and inactivity.

Physiotherapists are educated over several years, giving them a full knowledge of the body's systems and the skills to treat a wide range of problems. This education is usually university-based, at a level that allows physiotherapists to practise independently. Continuing education ensures that they keep up to date with the latest advances in research and practice. Many physiotherapists are engaged in research themselves.

About World Physiotherapy

World Physiotherapy is the profession's global body representing over 600,000 physiotherapists from member organisations in 127 countries/territories. More information: www.world.physio