

SUBMITTED ORAL PRESENTATIONS – FRIDAY 30TH OCTOBER, 2009

Time	PENTLAND ROOM	SIDLAW ROOM	FINTRY ROOM
15.20 – 15.35	[O1] Is back pain a problem for people with a stoma? A postal survey in Northern Ireland I.M. Wilson ¹ , D.P. Kerr ¹ , S. Lennon ² , ¹ School of Health Sciences, University of Ulster, UK, ² School of Health Sciences, Health and Rehabilitation Sciences Institute, University of Ulster, UK	[O5] Exercise reduces work disability in patients with non-acute non-specific low back pain: systematic review and meta-analysis of randomised controlled trials J. Kool ¹ , P. Oesch ^{2,3} , K.B. Hagen ⁴ , S. Bachmann ^{2,3} , ¹ Zurich University of Applied Science, Switzerland, ² Research Department, Rehabilitation Centre Valens, Switzerland, ³ Department of Rheumatology, Rehabilitation Centre Valens, Switzerland, ⁴ University of Oslo, Norway	[O9] Does stabilising the scapula change glenohumeral movements in healthy subjects? M.C. Cairns ¹ , G. Neal ² , ¹ University of Hertfordshire, UK, ² Devon PCT, UK
15.35 – 15.50	[O2] Respiratory dysfunction in neck pain patients. A pilot study Z. Dimitriadis ^{2,1} , E. Vourazanis ¹ , J.A. Oldham ² , N. Strimpakos ^{1,2} , L. Komnianou ¹ , E. Kapreli ¹ , ¹ TEI Lamia, Greece, ² University of Manchester, UK	[O6] Change in lumbar lordosis during prone knee flexion test in subjects with and without low back pain A.M. Arab, A. Talimkhani, S Emdadi, <i>University of Social Welfare and Rehabilitation Sciences, Iran</i>	[O10] Tactile thresholds are preserved yet cortical sensory function is impaired in chronic non-specific low back pain patients B.M. Wand ¹ , F. Di Pietro ² , P. George ¹ , N. O'Connell ¹ , ¹ The University of Notre Dame, Australia, ² Bunbury Hospital, Australia, ³ Brunel University, UK
15.50 – 16.05	[O3] Multidisciplinary rehabilitation or surgery for chronic low back pain – 7 year follow up of a randomised controlled trial K. Barker, H. Frost, J. Wilson MacDonald, J. Fairbank, <i>Nuffield Orthopaedic Centre NHS Trust, UK</i>	[O7] Ultrasound imaging transducer motion during clinical lumbopelvic manoeuvres J.L. Whittaker ^{1,2} , M.B. Warner ¹ , M.J. Stokes ¹ , ¹ University of Southampton, UK, ² Whittaker Physiotherapy Consulting, Canada	[O11] The assessment of vibration sense in a healthy population: a study to assess the inter-rater reliability and validity of the tuning fork E.M. O'Conaire ^{1,2} , A.B. Rushton ¹ , ¹ University of Birmingham, UK, ² Westminster Primary Care Trust, UK
16.05 – 16.20	[O4] Decrease in postural sway and trunk stiffness during cognitive dual-task in non-specific chronic low back pain patients, performance compared to healthy control subjects. U. Van Daele ^{1,2} , F. Hagman ² , S. Truijen ¹ , P. Vorlat ³ , B. Van Gheluwe ² , P. Vaes ^{2,4} , ¹ Artesis University College of Antwerp, Belgium, ² Faculty of Physical Education & Physical Therapy, Vrije Universiteit Brussel, Belgium, ³ Universitair Ziekenhuis Brussel, Belgium, ⁴ Manual Therapy Department, Vrije Universiteit Brussel, Belgium	[O8] An investigation into hip muscle strength of previously injured and non-injured Gaelic footballers O. Kelly, A. Clifford, K.O. Sullivan, <i>University of Limerick, Ireland</i>	[O12] Reliability of the median neurodynamic test 1: A painful response analysis in healthy subjects M. Barbero ¹ , E. Castelli ² , A. Piatti ³ , M. Egloff ¹ , R. Gatti ² , ¹ Department of Health Sciences, University of Applied Sciences of Southern Switzerland, Switzerland, ² Vita-Salute University, Italy, ³ Department of Innovative Technologies, University of Applied Sciences of Southern Switzerland, Switzerland
16.20 – 16.30	Q&A	Q&A	Q&A
16.30 – 17.00	Coffee break, Exhibition and Poster Viewing – CROMDALE HALL		
17.00 – 17.15	[O13] Reduced head steadiness in whiplash compared to non-traumatic neck pain patients A. Woodhouse, O. Vasseljen, <i>Norwegian University of Science and Technology, Norway</i>	[O17] Specific motor control exercise for lumbo-pelvic pain of articular origin: A systematic review S.G.T. Gibbons ^{1,2} , J. Clark ^{1,3} , ¹ Neuromuscular Rehabilitation Institute, Canada, ² Memorial University of Newfoundland, Canada, ³ Manchester Metropolitan University, UK	[O21] Proposed classification system for peripheral nerve disorders with a musculoskeletal underlying mechanism P. Moolaert, W. Dankaerts, <i>K.U.Leuven, Belgium</i>
17.15 – 17.30	[O14] Randomised clinical trial for primary care patients with neck pain: manual therapy versus electrical stimulation E. Escotrell ¹ , Y. Perez ² , R. Riesgo ¹ , S. Garrido ¹ , A. Asunsolo ² , I. Fuentes ¹ , ¹ Servicio Madrileño de Salud, Spain, ² Universidad Alcalá, Spain	[O18] An unstable base of support decreases Serratus Anterior muscle activity during push-up plus exercise in patients with chronic shoulder pain H. Fredriksen ^{1,2} , M.A. Risberg ^{2,5} , ¹ Norwegian Olympic and Paralympic Committee and Confederation of Sports, Norway, ² Norwegian School of Sport Science, Norway, ³ NAR, Norway, ⁴ Ullevaal University Hospital, Norway, ⁵ Hjelp24NIMI, Norway	[O22] A combination of constraint-induced therapy and motor control retraining in the treatment of focal hand dystonia in musicians - Case studies of a guitarist and flautist P. Berque ¹ , H. Gray ² , C. Harkness ¹ , A. McFadyen ² , ¹ Glasgow Royal Infirmary, Glasgow, UK, ² Glasgow Caledonian University, Glasgow, UK
17.30 – 17.45	[O15] The initial effects of different rates of lumbar mobilisations on pressure pain thresholds in asymptomatic subjects E. Willett, C. Hebron, <i>University of Brighton, UK</i>	[O19] The effect of exercise position on trapezius activity during a scapular setting exercise T. Crowley, K. McCreesh, <i>University of Limerick, Ireland</i>	[O23] Comparison of the energy cost of walking between patients with Charcot-Marie-Tooth IA and healthy individuals F. Menotti ¹ , F. Felici ¹ , A. Damiani ² , R. Vannicelli ² , F. Mangiola ² , A. Macaluso ¹ , ¹ University of Rome Foro Italico, Italy, ² UILDM Sezione Laziale, Italy
17.45 – 18.00	[O16] Factors affecting the safety of cervical manipulation L.C. Thomas ¹ , D.A. Rivett ¹ , C. Levi ^{1,2} , ¹ The University of Newcastle, Australia, ² John Hunter Hospital, Newcastle, Australia	[O20] An advanced cervical neuromuscular task performed by Whiplash and chronic non-traumatic neck pain patients A. Woodhouse, O. Vasseljen, <i>Norwegian University of Science and Technology, Norway</i>	[O24] Neurological soft signs are present more often and to a greater extent in adults with chronic low back pain with cognitive learning deficits S.G.T. Gibbons ^{1,2} , ¹ Neuromuscular Rehabilitation Institute, Canada, ² Memorial University of Newfoundland, Canada
18.00 – 18.10	Q&A	Q&A	Q&A

SUBMITTED ORAL PRESENTATIONS – SATURDAY 31ST OCTOBER, 2009

Time	PENTLAND ROOM	SIDLAW ROOM	FINTRY ROOM
15.20 – 15.35	[O25] Impaired control of scapular rotation during a clinical dissociation test in people with a history of shoulder pain S. Mottram ¹ , M. Warner ¹ , P. Chappell ² , D. Morrissey ³ , M. Stokes ¹ , ¹ Schools of Health Sciences, University of Southampton, UK, ² Electronics and Computer Science, University of Southampton, UK, ³ University of London, UK	[O29] Induced transducer orientation during ultrasound imaging: Effects on abdominal muscle thickness and bladder position J.L. Whittaker ^{1,2} , M.B. Warner ¹ , M.J. Stokes ¹ , ¹ University of Southampton, UK, ² Whittaker Physiotherapy Consulting, Canada	[O33] Primitive reflex inhibition and sensory motor training improves cognitive learning function and symptoms in chronic disabling low back pain: A case series S.G.T. Gibbons ^{1,2} , ¹ Neuromuscular Rehabilitation Institute, Canada, ² Memorial University of Newfoundland, Canada
15.35 – 15.50	[O26] Validating recruitment of posterior gluteus medius fibres during two muscle tests and exploration of the kinetic control rating system for these tests N.V. Jeal, P. Browning, University of Hertfordshire, UK	[O30] Factors influencing the use of standardised outcome measures in daily practice: a survey in Dutch physiotherapists R.A.H.M. Swinkels ¹ , R.P.S. van Peppen ² , H. Wittink ² , A.J.H.M. Beurskens ¹ , ¹ Zuyd University, Netherlands, ² University of Applied Sciences, Netherlands	[O34] The graduated return to activity for low back pain: Exploring the patient's perspective of physiotherapy M. Perry ¹ , S. Dean ² , S. Hudson ² , L. Hale ¹ , D. Baxter ¹ , ¹ Centre for Physiotherapy Research, University of Otago, New Zealand, ² Rehabilitation Teaching and Research Unit, University of Otago, New Zealand
15.50 – 16.05	[O27] The development, initial reliability and construct validity of the motor control abilities questionnaire S.G.T. Gibbons ^{1,2} , ¹ Neuromuscular Rehabilitation Institute, Canada, ² Memorial University of Newfoundland, Canada	[O31] Positioning of elbow flexion versus elbow extension for measuring grip strength and muscle activation in lateral epicondylitis M.I. Arik ¹ , F. Can ¹ , ¹ Hacettepe University, Turkey	[O35] Talking function: Personal accounts of acute non-specific low back pain experiences C.A. McCrum ^{1,2} , A.P. Moore ¹ , V. Hall ³ , ¹ Clinical Research Centre for Health Professions, University of Brighton, UK, ² East Sussex Hospitals NHS Trust, UK, ³ School of Nursing and Midwifery, University of Brighton, UK
16.05 – 16.20	[O28] Motor control and physical fitness training prevent musculoskeletal injuries in professional dancers N.A. Rousset ¹ , L. Daenen ¹ , D. Vissers ¹ , A. Schutt ¹ , A. Van Moorsel ¹ , S. Mottram ³ , ¹ Artesis University College Antwerp, Belgium, ² Vrije Universiteit Brussel, Belgium, ³ Kinetic Control, UK	[O32] The reliability of a wireless monitor for measurement of lumbar spine posture K. O'Sullivan ¹ , L. Galleotti ^{1,2} , W. Dankaerts ^{2,3} , L. O'Sullivan ¹ , P. O'Sullivan ⁴ , ¹ University of Limerick, Ireland, ² Catholic University, Belgium, ³ Association University, Belgium, ⁴ Curtin University of Technology, Australia	[O36] Prediction of functional disability in patients with stiff shoulder: Posterior shoulder muscle stiffness and rotation deficit J.-J. Lin ^{1,2} , J.-I. Yang ³ , C.-J. Hung ¹ , P.-L. Yang ¹ , ¹ School of Physical Therapy, ² Center of Physical Therapy, ³ Department of Physical Medicine & Rehabilitation; National Taiwan University Hospital, Taiwan
16.20 – 16.30	Q&A	Q&A	Q&A
16.30 – 17.00	Coffee break, Exhibition and Poster Viewing- CROMDALE HALL		
17.00 – 17.15	[O37] Scapular positioning in overhead athletes with and without shoulder pain: A case-control study F. Struyf ^{1,2} , J. Nijs ^{1,2} , J. De Graeve ¹ , S. Mottram ³ , R. Meeusen ² , ¹ Artesis University College Antwerp, Belgium, ² Vrije Universiteit Brussel, Belgium, ³ Kinetic Control, UK	[O42] Reliability of real-time ultrasound measurement of supraspinatus size in normal subjects and subjects with unilateral shoulder pain A. Roche, K. McCreesh, University of Limerick, Ireland	[O47] Effects of manual therapy followed by specific active exercises on the improvement of functional disability of chronic low back pain patients P. Balthazard ¹ , P. Demeulenaere ¹ , P. De Goumoens ² , O. Dériaz ³ , ¹ HECVSanté, Switzerland, ² CHUV, Switzerland, ³ Clinique Romande de Réadaptation, Switzerland
17.15 – 17.30	[O38] Muscle recruitment of the scapula in patients with traumatic and insidious onset neck pain H. Helgadottir ¹ , E. Kristjansson ² , E. Einarsson ³ , H. Jonsson ⁴ , ¹ University of Iceland, Iceland, ² Bakstofan Physical Therapy Clinic, Iceland, ³ Efning Physical Therapy Clinic, Iceland, ⁴ Lanspitali University Hospital, Iceland	[O43] Two clinical tests are highly accurate when diagnosing unilateral shoulder tendinopathy: An ultrasonography study J. Joensen ^{1,2} , C. Couppe ³ , J.M. Bjordal ^{1,2} , ¹ Bergen University College, Norway, ² University of Bergen, Norway, ³ University of Copenhagen, Denmark	[O48] The effect of cetylated fatty esters and physical therapy on myofascial pain syndrome of the neck D. Sharan ¹ , B.N. Jacob ¹ , P.S. Ajeesh ¹ , R. Barathur ² , J. Bookout ² , ¹ RECOUP Neuromusculoskeletal Rehabilitation Centre, India, ² Cymbiotics Inc, USA
17.30 – 17.45	[O39] An investigation into the effects of a simulated effusion in healthy subjects on knee kinematics and lower limb muscle activity during a single leg drop landing G.F. Coughlan ¹ , R. McLoughlin ² , U.J. McCarthy Persson ¹ , B.M. Caulfield ¹ , ¹ School of Physiotherapy and Performance Science, Health Sciences Centre, University College Dublin, Ireland, ² O'Neill's Sports Injury Clinic, Sports Centre, University College Dublin, Ireland	[O44] The multiple hop test: a discriminative or evaluative instrument for chronic ankle instability? C.J. Eechoute, P.H. Vaes, The Physical Therapy Department of the Vrije Universiteit Brussel, Belgium	[O49] The relationship between change in function and change in psychosocial parameters in individuals with chronic low back pain C.G. Ryan ¹ , W. MacLaren ¹ , M.H. Granat ¹ , ¹ Glasgow Caledonian University, UK
17.45 – 18.00	[O40] Patients with chronic low back pain exhibit altered breathing patterns during motor control assessment N.A. Rousset ^{1,2} , J. Nijs ^{1,3} , S. Truijen ¹ , S. Mottram ⁴ , L. Verweken ¹ , G. Stassijns ² , ¹ Artesis University College Antwerp, Belgium, ² University of Antwerp, Belgium, ³ Vrije Universiteit Brussel, Belgium, ⁴ Kinetic Control, UK	[O45] Support for modifications to the anteromedial reach test (an anterior cruciate ligament rehabilitation outcome measure) N.P. Bent ¹ , A.B. Rushton ¹ , C.C. Wright ¹ , M.E. Batt ² , ¹ University of Birmingham, UK, ² Nottingham University Hospitals, UK	[O50] Research priorities for postgraduate theses in manipulative physiotherapy A. Rushton ¹ , A. Moore ² , ¹ University of Birmingham, UK, ² University of Brighton, UK
18.00 – 18.15	[O41] Hypermobility (HM) - Influence of passive and active tone C. Mebes ¹ , U. Stutz ¹ , G. Luder ¹ , H. Ziswiler ² , M. Stettler ³ , L. Radlinger ³ , ¹ Institute of Physiotherapy, Inselspital, University Hospital Bern, Switzerland, ² RIA University Hospital of Bern, Switzerland, ³ Bern University of Applied Sciences Health, Switzerland	[O46] Ultrasound measurement of the anterior tibial muscle group: reliability and dominance effects S. Egan, K. McCreesh, University of Limerick, Ireland	[O51] Cognitive learning and sensorimotor function provide a protective effect from disability in low back pain S.G.T. Gibbons ^{1,2} , ¹ Neuromuscular Rehabilitation Institute, Canada, ² Memorial University of Newfoundland, Canada
18.15 – 18.25	Q&A	Q&A	Q&A