

**SUBMITTED ORAL PRESENTATIONS – FRIDAY 30<sup>TH</sup> OCTOBER, 2009**

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