Scientific Program

Proceedings of

5th International Conference on

Physiotherapy

November 27-29, 2017   Dubai, UAE

Conference Series LLC

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Keynote Forum

08:45-09:25
Title: Disparity in utilization of healthcare services among African Americans and Caucasians with diabetes in the United States
Anand Shetty, University of St. Mary, USA

9:25 to 10:15
Title: Novel of extracorporeal shockwave therapy and high-power laser therapy in musculoskeletal pain conditions
Areerat Suputtitada, Chulalongkorn University, Thailand

10:15-10:55
Title: Elastic resistance exercises in physiotherapy
Dagmar Pavlu, Charles University, Czech Republic

Networking & Refreshment Break 10:55-11:05 @ Foyer

Session
Neurological Rehabilitation | Physiotherapy in Treatment & Care | Womens Health & Palliative Care

Session Chair: R Harihara Prakash, Sardar Patel University, India
Session Co-chair: Areerat Suputtitada, Chulalongkorn University, Thailand

Session Introduction

11:05-11:30
Title: Therapy accompanying use of VR-glasses in hemiparetic children and adolescents
Jennifer Honing, Fresenius University of Applied Sciences, Germany

11:30-11:55
Title: Running as a lower limb injuries prevention
Albert Carrere, The Corridor Clinic, Spain

11:55-12:20
Title: Implementation of early rehabilitation programs for patients after traumatic brain injury in acute care
Lippert-Grüner M, Charles University, Czech Republic

12:20-12:45
Title: Osteoarthritis of the anterior cruciate ligament and the medial tibial plateau: Public health considerations from a cadaveric model
Jessica Immonen, Rocky Mountain University of Health, USA

Group Photo

Lunch Break 12:45-13:30 @ Market Place Restaurant

Workshop Session

13:30-14:15
Title: L.A.F (Location, Analysis and Facilitation): A new approach in physiotherapy in the management of mechanical dysfunctions
Castellano Juan, La Coruna University, Spain

14:15-15:00
Title: The use of combined treatment procedures during cervical dystonia
Martina Christine Steinboeck, Vivantes Humboldt Clinic, Germany

Session

15:00-15:25
Title: The stomatognathic system’s role in postural and physical rehabilitation
Silverio Di Rocca, M.P.R International School, Switzerland

15:25-15:50
Title: Metabolic reason for bone and joint pain: A clinical and radiology differential diagnosis perspective for physiotherapists
Harish S Krishna, Malabar Medical College, India

Coffee Break 15:50-16:05 @ Foyer

16:05-16:30
Title: Educating patients and health care providers about how complete decongestive therapy (CDT) can help reduce the risk of developing severe lymphoedema
Erika Van Der Mescht, Lymphoedema Association of South Africa, South Africa

16:30-16:55
Title: Aquatic physiotherapeutic intervention on the balance of healthy elderly
Maria de Lourdes Oliveira Vilela Garcia, International Halliwick Association, Brazil

16:55-17:20
Title: Multidisciplinary intervention for a child with hearing loss and vestibular concerns
Kern Rebello, New Horizons Child Development Centre, India

Registrations
Panel Discussions

Day 2  November 28, 2017

Salon A

Keynote Forum

08:30-09:10 Title: Health and built environment: Promoting accessibility to the persons with disability
R Harihara Prakash, Sardar Patel University, India

09:10-09:50 Title: Effective way to stretch the hamstring muscle: Randomized clinical trial
Faris Alshammari, The Hashemite University, Jordan

09:50-10:30 Title: Infantile postural asymmetry and physical therapy: A randomized controlled trial
Michael Jung, Fresenius University of Applied Sciences, Germany

Workshop Session

10:30-11:10 Title: Body equilibrium device: Preventing the stomatognathic system from interfering with rehabilitation
Silverio Di Rocca, M.P.R International School, Switzerland

Session Chair: Anand Shetty, University of St. Mary, USA
Session Co-chair: Michael Jung, Fresenius University of Applied Sciences, Germany

Session Intraduction

11:25-11:50 Title: Implementation of early rehabilitation programs for patients after traumatic brain injury in acute care
Michaol Tomamavo, Rehabilitation Institute Brandys nad Orlici, Czech Republic

11:50-12:15 Title: Long-term outcome after ultrasound therapy for calcific tendinitis of the shoulder: Results of the 10 years’ follow-up of an RCT
Gerald Ebenbichler, Medical University of Vienna, Austria

12:15-12:40 Title: The effectiveness of early physiotherapy intervention on infant’s motor performance: Comparison between inpatient and outpatient settings
Areej Al-Abdulrahman, National Guard Health Affairs, KSA

12:40-13:05 Title: Neuroplasticity and upper extremity motor recovery after stroke
Ibrahim Ali Almoghassil, Takamol Alelaj Medical Center, KSA

Lunch Break 13:05-13:50 @ Market Place Restaurant

13:50-14:15 Title: Repetitive McKenzie spinal extension exercises on cardiovascular responses in class I obese subjects
H Bala Jeya Perumal, Pioneer College of Physiotherapy, India

14:15-14:40 Title: Effects of model of exercise on type-2 diabetes progression
Subtitle: Exercise is the new pill for the prevention and treatment of chronic diseases
Castellano Juan, La Coruna University, Spain

14:40-15:05 Title: What is the role of physiotherapy in cancer recovery?
Dibyendu Roy, Corel Centre for Onco Rehab, India

15:05-15:30 Title: Management with cortico-subcortical neuronal bypass: A future approach
Nandu Chhabria, CSR Therapeutics Private Clinic, India

15:30-15:55 Title: Motor imagery for gait and balance rehabilitation in post stroke hemiparesis
Aparna Gupta, SGT University, India

Networking & Refreshment Break 15:55-16:10 @ Foyer

16:10-16:35 Title: Physical therapist wellbeing is improved by following ergonomically right posture and rightly designed set up
Monika Naresh, New World Physiotherapy and Rehab Centre, India

16:35-17:00 Title: Muscle strength, range of motion and function changes following hip arthroscopy
Mohamed Abdulla Husain, Leeds Beckett University, UK
Title: Correlation between grip strength and finger length in geriatrics
Ishita Sood, Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences and Research, India

Poster Presentation 17:25-18:00

P1
Title: Effects of kinesio-tapping versus myofascial release in temporo-mandibular myofascial muscle dysfunction: A randomized clinical trial
Uzma Mustakahmed Shaikh, Shree Govind Guru University, India

P2
Title: Perception of undergraduate physiotherapy students' regarding clinical educators' attributes towards clinical teaching
Janki Lukhi, Kajal Maheshwari and Mahima Thakkar, K M Patel Institute of Physiotherapy, India

P3
Title: Smart shirt with textile strain sensors as experimental method for ballerina shoulder girdle motion control
Guna Semjonova, Riga Stradins University, Latvia

P4
Title: Effects of head motion on postural stability in participants with chronic motion sensitivity
Abdulaziz Aoudh Albalwi, Tabuk University, KSA

P5
Title: The knowledge of ethical values in physical therapy practice amongst physical therapists
Dhara Patel, Charmi Brahmbhatt and Sanjana Chauhan, K M Patel Institute of Physiotherapy, India

P6
Title: An evaluation of the influence of physiotherapy treatment on stress experienced
Tomasz Wójcik, Jan Kochanowski University, Poland

P7
Title: Reducing assistance force during robotic-assisted gait training improves motor function: A randomized controlled trial in patients with subacute stroke
Jiho Park, Yonsei University, South Korea

P8
Title: Comparative effect of modified shrug exercises with and without abdominal muscle activation on scapular upward rotator EMG and thickness in subjects with scapular downward rotation syndrome
Ji-Hyun Kim, Yonsei University, South Korea

P9
Title: The efficacy of chair-based aerobic exercise with resistance using theraband in improving the cardiovascular endurance of post-stroke patients in cavity
Charen C Rabe, Saint Dominic College of Asia, Philippines

P10
Title: Comparison of the foot muscle EMG and medial longitudinal arch angle during short foot exercises at different ankle position
Hyeo-Bin Yoon, Yonsei University, Republic of Korea

P11
Title: Cross-cultural adaptation, reliability, internal consistency and validation of the Arabic version of the International Knee Documentation Committee (IKDC) subjective knee form for Arabic people with ACLR
Husam Almalki, University of Salford, UK

P12
Title: Reliability of lower limb biomechanical outcome measures among healthy subjects using a 3D motion analysis during five specific sports tasks: Single-leg squats, single-leg landings, running, cutting 135 and cutting 90
Abdullah Alyami, University of Salford, UK

P13
Title: Negative pulsed controlled pressure mechanotherapy in skin grafts: A case report
Manuel Garabal Miguel, Clinica Garabal, Spain

P14
Title: The repeatability of lower limb biomechanical variables during a sidestep 90 and 135 degree cutting tasks
Ayman Alhammad, University of Salford, United Kingdom

Panel Discussions

Day 3  November 29, 2017
Salon A

Workshop Session

08:30-09:10
Title: Clinical use of QEEG (functional brain mapping) in rehabilitation
Mahindokht Rouhiikia, Arya Clinic, UAE

Session
Yoga in Physical Therapy | Manual & Manipulative Therapy | Experimental Techniques in Physiotherapies

Session Chair: Silverio Di Rocco, M.P.R International School, Switzerland
Session Co-chair: Mahboob Ur Rahman, Habib Physiotherapy Complex, Pakistan

09:10-09:35
Title: What are the factors influencing the community integration of patients following spinal cord injury: A systematic review
Muhammad Kashif, Riphah International University, Pakistan
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution/Location</th>
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</thead>
<tbody>
<tr>
<td>09:35-10:00</td>
<td>The incidence and nature of work related musculoskeletal injuries amongst physiotherapists, in South Africa, Gauteng province</td>
<td>Nadia Latib</td>
<td>Sefako Magatho University, South Africa</td>
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<tr>
<td>10:00-10:25</td>
<td>Shock wave therapy effectiveness in treating patients with heel pain: A randomized control trial</td>
<td>Eman Matar</td>
<td>Ministry of Health, Bahrain</td>
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<td>10:25-10:50</td>
<td>The effects of patellar taping on biomechanical variables in patellofemoral pain syndrome: A literature review</td>
<td>Seyedeh Hedieh Hosseini Makrani</td>
<td>Semnan University of Medical Sciences, Iran</td>
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<td>Networking &amp; Refreshment Break 10:50-11:05 @ Foyer</td>
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<td>11:05-11:30</td>
<td>Assessment of conventional and non-conventional wheelchair propulsion using surface electromyography activity of shoulder muscles</td>
<td>Tarek Atallah</td>
<td>Lebanese University, Lebanon</td>
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<td>11:30-11:55</td>
<td>Comparative study of dry needling vs. soft tissue mobilization with hot moist pack in reducing pain of myofascial pain syndrome</td>
<td>Er D Petil Jr</td>
<td>Manila Central University, Philippines</td>
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<td>11:55-12:20</td>
<td>The effect of upper extremities massages on reaction time and anticipatory skill in male athletes</td>
<td>Mohamadreza Kasnavi</td>
<td>Shahid Beheshti University of Medical Sciences, Iran</td>
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<td>12:20-12:45</td>
<td>Proposing a needs-based rehabilitation program for patients with neurological conditions in Ibadan, Nigeria</td>
<td>Olubukola A Olaleye</td>
<td>University of Ibadan, Nigeria</td>
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<td>Lunch Break 12:45-13:30 @ Market Place Restaurant</td>
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<td>13:30-13:55</td>
<td>Effects of virtual reality on balance and postural control in people with multiple sclerosis: A systematic review</td>
<td>Mahsa Seydi</td>
<td>University of Social Welfare and Rehabilitation Sciences, Iran</td>
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<td>13:55-14:20</td>
<td>The effect of tDCS on fatigue of multiple sclerosis patients: A systematic review of randomized controlled clinical trials</td>
<td>Atefe Ashrafi</td>
<td>University of Social Welfare and Rehabilitation Sciences, Iran</td>
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<td>14:20-14:45</td>
<td>Physium System: Negative pulse controlled pressure mecanotherapy profound fascial mobilization (PFM): Methodology, studies and cases</td>
<td>Manuel Garabal Miguel</td>
<td>Clinica Garabal, Spain</td>
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<td>14:45-15:10</td>
<td>Patient satisfaction of physical therapy services in West Egypt Health Institutes</td>
<td>Tayseer S Younes</td>
<td>Pharos University in Alexandria, Egypt</td>
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<td>15:10-15:35</td>
<td>The primary purpose of this study was to measure the prevalence of low back, shoulder and neck pain among students</td>
<td>Rabab Kompal</td>
<td>Royal Institute of Medical Sciences, Pakistan</td>
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<td>Video Presentation</td>
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<td>15:35-16:00</td>
<td>Transcending clinic walls: Physical therapy transforms society through community engagement</td>
<td>Susan G Klappa</td>
<td>Briar Cliff University, USA</td>
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<td>Panel Discussion</td>
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<td>Thanks giving &amp; Closing Ceremony</td>
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