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Scientific Program

Proceedings of

5th International Conference on

Physiotherapy

November 27-29, 2017 Dubai, UAE



Conference Series LLC

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08:00-08:30 Registrations

Salon A

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08:30-08:45

Opening Ceremony

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

17:20-17:45	Title: The occurrence Of Osteoarthritis among the cases presented at Habib Physiotherapy complex Peshawar Mahboob ur Rahman , Pakistan Physiotherapy Association, Pakistan
17:45-18:10	Title: Gait parameters across three attentional loading conditions during timed up and go test: A comparative study between age-matched healthy individuals and stroke survivors Harsh Agarwal , Indian Association of Physiotherapist, India
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
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Networking & Refreshment Break 11:10-11:25 @ Foyer

Session

Physical Therapy Science | Physiotherapy Methods and Instrumentation | Experimental Techniques in Physiotherapies

Session Chair: Anand Shetty, University of St. Mary, USA

Session Co-chair: Michael Jung, Fresenius University of Applied Sciences, Germany

Session Introduction

11:25-11:50	Title: Implementation of early rehabilitation programs for patients after traumatic brain injury in acute care Micheal 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 Gerold 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

17:00-17:25 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 Brahmhatt 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 thera-band 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**
Hyee-Bin Yoon, Yonsei University, Republic of Korea
- P 11** 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 Rouhikia, Arya Clinic, UAE

Session

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

Session Chair: **Silverio Di Rocca**, M.P.R International School, Switzerland

Session Co-chair: **Mahboob Ur Rahman**, Habib Physiotherapy Complex, Pakistan

Session Intraduction

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

- 09:35-10:00** Title: The incidence and nature of work related musculoskeletal injuries amongst physiotherapists, in South Africa, Gauteng province
Nadia Latib, Sefako Magatho University, South Africa
- 10:00-10:25** Title: Shock wave therapy effectiveness in treating patients with heel pain: A randomized control trial
Eman Matar, Ministry of Health, Bahrain
- 10:25-10:50** Title: The effects of patellar taping on biomechanical variables in patellofemoral pain syndrome: A literature review
Seyedeh Hedieh Hosseini Makrani, Semnan University of Medical Sciences, Iran

Networking & Refreshment Break 10:50-11:05 @ Foyer

- 11:05-11:30** Title: Assessment of conventional and non-conventional wheelchair propulsion using surface electromyography activity of shoulder muscles
Tarek Atallah, Lebanese University, Lebanon
- 11:30-11:55** Title: Comparative study of dry needling vs. soft tissue mobilization with hot moist pack in reducing pain of myofascial pain syndrome
Er D Petil Jr, Manila Central University, Philippines
- 11:55-12:20** Title: The effect of upper extremities massages on reaction time and anticipatory skill in male athletes
Mohammadreza Kasnavi, Shahid Beheshti University of Medical Sciences, Iran
- 12:20-12:45** Title: Proposing a needs-based rehabilitation program for patients with neurological conditions in Ibadan, Nigeria
Olubukola A Olaleye, University of Ibadan, Nigeria

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

- 13:30-13:55** Title: Effects of virtual reality on balance and postural control in people with multiple sclerosis: A systematic review
Mahsa Seydi, University of Social Welfare and Rehabilitation Sciences, Iran
- 13:55-14:20** Title: The effect of tDCS on fatigue of multiple sclerosis patients: A systematic review of randomized controlled clinical trials
Atefe Ashrafi, University of Social Welfare and Rehabilitation Sciences, Iran
- 14:20-14:45** Title: Physium System: Negative pulse controlled pressure mecanotherapy profound fascial mobilization (PFM): Methodology, studies and cases
Manuel Garabal Miguel, Clinica Garabal, Spain
- 14:45-15:10** Title: Patient satisfaction of physical therapy services in West Egypt Health Institutes
Tayseer S Younes, Pharos University in Alexandria, Egypt
- 15:10-15:35** Title: The primary purpose of this study was to measure the prevalence of low back, shoulder and neck pain among students
Rabab Kompal, Royal Institute of Medical Sciences, Pakistan

Video Presentation

- 15:35-16:00** Title: Transcending clinic walls: Physical therapy transforms society through community engagement
Susan G Klappa, Briar Cliff University, USA

Panel Discussion

Thanks giving & Closing Ceremony

