

conference**series**.com

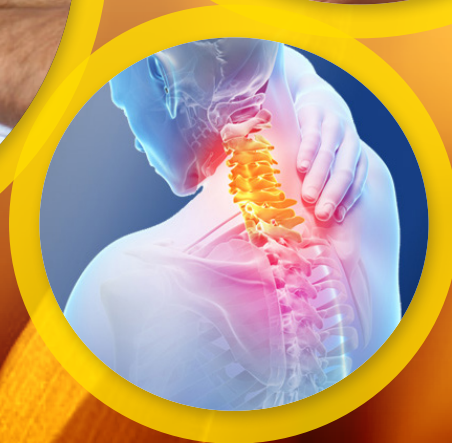
# Scientific Program

Proceedings of

5<sup>th</sup> International Conference on

# Physiotherapy

November 27-29, 2017 Dubai, UAE



## Conference Series LLC

One Commerce Center-1201  
Orange St. #600, Wilmington, Zip 19899, Delaware, USA  
General Number: 1-650-889-4686

Kemp House, 152 City Road, London EC1V 2NX, UK  
Toll Free: +0-800-014-8923

Toll Free: Japan: 81-345780247 |

Singapore: 800-852-6126 / 65 8008526126

USA/Canada: 1-650-889-4686

Email: [physicaltherapy@healthconferences.org](mailto:physicaltherapy@healthconferences.org)

[physiotherapymeet@healthconferences.org](mailto:physiotherapymeet@healthconferences.org)

08:00-08:30 Registrations

## Salon A

conference**series**.com

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

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**  
**Hyeo-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

