Scientific Program

2nd International Conference and Exhibition on Physical Medicine & Rehabilitation

July 14-16, 2014  DoubleTree by Hilton Baltimore-BWI Airport, USA

“Organize your Events at OMICS Group Conferences”

Proposals are invited for organizing Symposia/Workshops at OMICS Group Conferences or OMICS Group will sponsor small events at your universities in related areas under the title of your own. These proposals can be sent to respective conference mail ids or to symposia@omicsonline.org

OMICS Group Conferences
5716 Corsa Ave., Suite 110, Westlake Los Angeles, CA 91362-7354, USA
Phone: +1-650-268-9744, Fax: +1-650-618-1414, Toll free: +1-800-216-6499
Email: physicalmedicine2014@omicsgroup.us
Day 1  July 14, 2014

08:30-09:30  Registrations

Billie Holiday  

09:30-09:55  Opening Ceremony

OMICS Group Conferences  
Accelerating Scientific Discovery

Track 5: Pain and Injury Management  
Track 9: Physical Therapy

Session Introduction

Session Chair: Feng Tao, Johns Hopkin University, USA  
Session Co-Chair: Flavio Antonio de Sa Ribeiro, Hospital Federal de Bonsucesso, Brazil

12:00-12:25  Extension back pain in adolescent athletes: Spondylolysis, facet inflammation, and impaired segmental neuromuscular control  
John Winslow, Ithaca College, USA

12:25-12:50  A novel stem cell therapy for spinal cord injury-induced chronic neuropathic pain  
Feng Tao, Johns Hopkin University, USA

Lunch Break 12:50-13:40 @ Annapolis Room

13:40-14:05  Assistive devices for ambulation  
Meri Goehring, Grand Valley State University, USA  
A comparison of functional walking training using concentric-eccentric resistance on hip muscle strength, balance, and functional mobility in working and retired older adults  
Carol A. Maritz, University of the sciences, USA

14:05-14:30  A comparison of functional walking training using concentric-eccentric resistance on hip muscle strength, balance, and functional mobility in working and retired older adults  
Flavio Antonio de Sa Ribeiro, Hospital Federal de Bonsucesso, Brazil

14:30-14:55  Prevention of falls in hospitals. Have we been falling for misconceptions?  
Terry P Haines, Monash University, Australia

Coffee Break 15:20-15:40 @ Prefunction Area

15:40-16:05  Does a combination of diaphragmatic breathing exercises and yoga techniques help children with asthma better manage their symptoms?  
William Hanlon, Saint Francis University, USA
Adapted exercise therapy program for people with Kyphosis: Indications and contraindications in treatment procedures

Gill Solberg, Kibbutzim Collage of Education Technology and Arts, Israel

Post thrombolytic ST segment resolution predict better outcome in MI patient

Syed Muhammad Adnan Shah, Ayub Teaching Hospital Abbottabad, Pakistan

18:30-19:30
Cocktails sponsored by International Journal of Physical Medicine & Rehabilitation @ Prefunction Area

Day 2 July 15, 2014

Billie Holiday

Track 1: Diet and Physical Health
Track 3: Sports Injury and Rehabilitation
Track 4: Industrial Health and Management
Track 6: Exercise and Trauma
Track 7: Disability and Management

Session Chair: Chin-Moi Chow, The University of Sydney, Australia
Session Co-Chair: Jaya Shanker Tedla, King Khalid University, Saudi Arabia

Session Introduction

10:00-10:25
Diet and Sleep
Chin-Moi Chow, The University of Sydney, Australia
Optimization models for quantifying visual search scanpath efficiency: Measuring treatment recovery in traumatic brain injury

Gerry Leisman, The National Institute for Brain and Rehabilitation Sciences, Israel

Coffee Break 10:50-11:10 @ Prefunction Area

11:10-11:35
Effect of core stability exercises on trunk muscles’ endurance and dynamic balance in healthy adults
Neama H. Neamat Allah, Cairo University, Egypt
Social support Impact on quality of life and stress level during pregnancy: Future mental & physical health

Abolfazl Mahmoodi, Shahid Beheshti Medical University, Iran

Workshop

12:00-13:00
Strength training in children with spastic diplegia cerebral palsy the past, present and future
Jaya Shanker Tedla, King Khalid University, Saudi Arabia

Lunch Break 13:00-13:50 @ Annapolis Room

Symposium

13:50-14:50
Symposia on: Pelvic floor muscle dysfunction/pre-natal and post-partum physical therapy
Amy Stein, Beyond Basics Physical Therapy, USA
Physical activity pattern and personal-social Factors of mothers during pregnancy and infant birth weight based on met scale: A case-control study

Zohreh Mahmoodi, University of Social Welfare and Rehabilitation Sciences, Iran

Diabetes Mellitus type 2 cure using low level Laser
Islam Medhat Mahmoud, Cairo University, Egypt

Coffee Break 15:40-16:00 @ Prefunction Area

13:30-14:30 Poster Session @ Prefunction Area

18:15-19:15
Cocktails sponsored by International Journal of Physical Medicine & Rehabilitation @ Prefunction Area
Day 3 | July 16, 2014

Billie Holiday

Track 2: Physical Health and Chronic Health Condition
Track 10: Rehabilitation Techniques
Track 12: Population and Human Health
Track 13: Spinal Cord Injury

Session Chair: Kazuyuki Yoshizaki, Osaka University, Japan
Session Co-Chair: Gerry Leisman, The National Institute for Brain and Rehabilitation Sciences, Israel

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<th>Time</th>
<th>Session Introduction</th>
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| 09:30-09:55  | Preoperative neuroscience education for lumbar radiculopathy  
Adriaan Louw, International Spine and Pain Institute, USA |
| 09:55-10:20  | Role of Interleukin 6 (IL-6) on physical response and inflammatory disease  
Kazuyuki Yoshizaki, Osaka University, Japan |
| 10:20-10:45  | Constrained induced movement therapy for children with brachial plexus injury: Immediate and long term therapy specific and corticoplasticity related changes  
Tasos Karakostas, Rehabilitation Institute of Chicago, USA |

Coffee Break 10:45-11:05 @ Prefunction Area

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| 11:05-11:30  | Functional connectivities and re-connectivities reflect cognitive modifiability in neurorehabilitation  
Gerry Leisman, The National Institute for Brain and Rehabilitation Sciences, Israel |
| 11:30-11:55  | Physical medicine in ayurveda: The hidden treasure  
Vishnu P. Joglekar, Tilak Ayurveda Mahavidyalaya, India |
| 11:55-12:20  | Remarkable efficacy on RA therapy with Interleukin 6 (IL-6) blocking agent, tocilizumab  
Kazuyuki Yoshizaki, Osaka University, Japan |
| 12:20-12:45  | Formulation, quality control and bio-evaluation  
Muhammad Sohaib, Pakistan Institute of Engineering and Applied Sciences, Pakistan |
| 12:45-13:10  | The "one minute paper" - a tool to enhance reflection in physiotherapy students  
Veena Raigangar, University of Sharjah, Sharjah |

Lunch Break 13:10-14:00 @ Annapolis Room

3rd International Conference and Exhibition on Physical Medicine & Rehabilitation

May 18-20, 2015 San Antonio, USA