Scientific Program

Joint Event

2nd International Conference on

Spine and Spinal Disorders

&

6th International Conference on

Neurology and Neuromuscular Diseases

July 24-26, 2017 Rome, Italy



Conference Series-America

One Commerce Center-1201, Orange St. #600, Wilmington, Zip 19899, Delaware, USA
Toll Free: 1-888-843-8169, P: 702-508-5200, F: +1-650-618-1417

Conference Series-UK

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

Day 1 July 24, 2017

08:30-09:00 Registrations

Olimpica 1

09:00-09:30 **Opening Ceremony**

Keynote Forum

	Introduction
09:30-10:10	**Title: Transoral vs transnasal approach for craniovertebral junction pathologies: Light and shadows** **Massimiliano Visocchi,** Institute of Neurosurgery Catholic University of Rome, Italy
10:10-10:50	**Title: Unilateral Laminectomy approach for the removal of Spinal Meningiomas, Schwannomas, Filum terminalis Ependymomas, and Dermoid tumors : Impact on Pain, Spinal stability, and Neurologic results** **Alfredo Pompili,** National Cancer Institute "Regina Elena", Italy

Group Photo 10:50-11:00

Networking & Refreshment Break 11:00-11:20 @ Foyer

Sessions: Spine Surgery | Back Pain | Spinal Disorders Test

Session Chair: Walid Ismail Attia, National Neuroscience Institute, Saudi Arabia

Session Introduction 11:20-11:25

11:25-11:50	**Title: Comparison of Automated Percutaneous Lumbar Discectomy (APLD) and Percutaneous Laser Disc Decompression (PLDD) results with 1 year follow-up** **Jan W Duncan,** California Spine Orthopaedic Surgery, USA
11:50-12:15	**Title: A multidisciplinary work related low back pain predictor questionnaire: Psychometric evaluation among iranians patient care workers** **Sedigheh Sadat Tavafian,** Tarbiat Modares University, Iran
12:15-12:40	**Title: Low back pain is a disease** **Abbas Alnaji,** Al-sadir teaching hospital, Iraq
12:40-13:05	**Title: Diagnostic tests of sacroiliac joint dysfunction** **Parisa Nejati,** Iran University of Medical Sciences, Iran
13:05-13:30	**Title: Effectiveness of multidisciplinary group based intervention versus individual physiotherapy for chronic low back pain: A clinical trials with 3-and 6-month follow ups** **Sedigheh Sadat Tavafian,** Tarbiat Modares University, Iran

Lunch Break 13:30-14:30@ Hotel Restaurants

Sessions: Lumbar Spine | Sciatica

Session Chair: Alfredo Pompili, National Cancer Institute "Regina Elena", Italy

Session Introduction 14:30-14:35

14:35-15:00	**Title: Hybrid spinal fixation minimally invasive approach in lumbar degenerative listhesis – Our experience and outcome** **Chandrasekaran Marimuthu,** Mahatma Gandhi Medical College and Research Institute, India
15:00-15:25	**Title: A consecutive series of 39 microendoscopic disectomies for recurrent lumbar disc herniation** **Mohamed S Kabil,** Ain Shams University Hospital, Egypt

Networking & Refreshment Break 15:25-15:55 @ Foyer

15:55-16:20	**Title: Predisposing factor for adjacent-segment failure following lumbar fixation for degenerative instability** **Mohamed Shaban,** Cairo University School of Medicine, Egypt

16:20-16:45	**Title: Microendoscopic approach for far lateral lumbar disc herniation: A preliminary series of 33 patients** **Mohamed S Kabil,** Ain Shams University Hospital, Egypt
	Session discussion 16:45-16:50
	Workshop/Symposium
16:50-17:50	**Title: The use of O-Arm and neuronavigation in MIS** **Walid Ismail Attia,** National Neuroscience Institute, Saudi Arabia
	Panel Discussion

Day 2 July 25, 2017

Olimpica 1

Keynote Forum

10:00-10:40	**Title: Molecular networks shared by Parkinson's disease and Alzheimer's disease** **Bin Zhang ,** Icahn Institute of Genomics and Multi-scale Biology, USA
10:40-11:20	**Title: Complex spine revisions: Dream or nightmare for spine surgeons** **Walid Ismail Attia,** National Neuroscience Institute, Saudi Arabia
	Networking & Refreshment Break 11:20-11:40 @ Foyer
	Special Sessions: Neuromuscular disorders | EEG-EMG signal processing
	Session Chair: Bin Zhang, Icahn Institute of Genomics and Multi-scale Biology, USA
	Session Introduction 11:40-11:45
11:45-12:10	**Title: Arbovirus infections of nervous system: Trends and threats** **Mohammad Wasay,** Aga Khan University, Pakistan
12:10-12:35	**Title: Reduction of crosstalk in surface electromyogram by optimal spatio-temporal filtering** **Luca Mesin,** Polytechnic University of Turin, Italy
12:35-13:00	**Title: Central nervous system involvement in mitochondrial disorders** **Josef Finsterer,** Veterinary University of Vienna, Austria
13:00-13:25	**Title: Early detection of glioma sphere xenografts models: A diffusion MR study at 14.1 T** **Paola Porcari,** Newcastle University, UK
	Session discussion 13:25-13:30
	Lunch Break 13:30-14:15 @ Hotel Restaurants
	Poster Session I (14:15-15:15) @ Foyer
S1	**Title: Microendoscopic anterior cervical for aminotomy: A preliminary series of 76 cases** **Mohamed S Kabil,** Ain Shams University Hospital, Egypt
S2	**Title: Effects of the chiropractic treatment in runners students college with a lumbo-pelvic biomechanical dysfunction** **Maria Elizabeth Herrera Lopez,** Universidad Estatal del Valle de Ecatepec, Mexico
S3	**Title: Determination of radiographic changes in patients treated with chiropractic manipulation** **Juan Jose Saldaña Mena,** Universidad Estatal del Valle de Ecatepec, Mexico
S4	**Title: Chiropractic treatment, gonstead technique, to determine the measurement of blood lactate and heart rate in amateur athletes** **Graciela Campos Garcia,** Universidad Estatal del Valle de Ecatepec, México
S5	**Title: Effect of chiropractic manipulation in blood serum chemistry of six elements in University runners** **Cesar Ivan Sáenz Martinez,** Universidad Estatal del Valle de Ecatepec, Ecatepec de Morelos, Estado de México, México
S6	**Title: Determination of postural changes pre and post of chiropractic manipulation in a population of distance runners students of the Universidad Estatal del Valle de Ecatepec** **Enrique Montiel Flores,** Universidad Estatal del Valle de Ecatepec, México

S7	**Title: The effect of Kinesio taping technique on trigger points of the piriformis muscle** **Fahimeh Hashemirad,** Monash University, Australia
S8	**Title: Does the transplantation of bone-marrow MSCs to ALS patients changing levels of IL-18, CCL2 and CXCL12 in the blood serum and cerebrospinal fluids** **Dagmara Głód,** University of Warmia and Mazury in Olsztyn, Poland
S9	**Title: The level of Receptor for Advanced Glycation End-products (RAGE) in the serum of Amyotrophic Lateral Sclerosis (ALS) patients undergoing stem cell experimental treatment – preliminary study** **Mariusz Dziekoński,** University of Warmia and Mazury in Olsztyn, Poland
S10	**Title: The efficacy and safety of herbal medicine BHH10 in postmenopausal women with osteoporosis: A phase II, multicenter, randomised, double-blinded, placebo-controlled clinical trial protocol** **Seunghoon Lee,** Kyung Hee University, South Korea
Panel Discussion 15:15-15:25	
Poster Session II (15:25-16:25) @ Foyer	
N1	**Title: Electro-physiological study on facial muscles in healthy people: Using the surface electromyography** **Jong-uk Kim,** Woosuk University, Republic of Korea
N2	**Title: Cognitive and personality characteristics of Sasang constitution using neuropsychological and personality tests** **Yunyoung An,** Woosuk University, Republic of Korea
N3	**Title: Impact of chosen physical activities on functional condition and balance in people with Alzheimer's disease** **Agnieszka Krawczyk-Wasielewska,** Poznan University of Medical Sciences, Poland
N4	**Title: Neurovisualization patterns of neuronal-glial tumors associated with focal epilepsy in children** **Khava Gazdieva,** Russian Children Clinical Hospital, Russia
N5	**Title: Children with Down syndrome present psychomotor developmental delay** **Ewa Mojs,** Poznan Medical University, Poland
N6	**Title: A novel approach to SMN protein-based evaluation as biomarker in spinal muscular atrophy** **Masayuki Arakawa,** Institute of Microbial Chemistry, Japan
N7	**Title: Tacrolimus significantly improves symptoms in children with myasthenia gravis refractory to prednisone** **Mengcui Gui,** Huazhong University of Science and Technology, China
N8	**Title: The approach of facial surface electromyography: A study on the measurement system in buccal area** **Tae-han Yook,** Woosuk University, South Korea
N9	**Title: Imaging flow cytometry for identifying differences in SMN protein expression between spinal muscular atrophy patients and normal subjects** **Reiko Arakawa,** Tokyo Women's Medical University, Japan
Networking & Refreshment Break 16:25-16:45 @ Foyer	
Sessions: Spine	
Session Chair: Walid Ismail Attia, National Neuroscience Institute, Saudi Arabia	
Session Introduction 16:45-16:50	
16:50-17:15	**Title: Clinical and radiological follow up data for anterior cervical discectomy and fusion: Do we need to change to cervical disc replacements?** **Jamie O'Callaghan,** Gloucestershire NHS Foundation Trust, United Kingdom
17:15-17:40	**Title: Comparative study for cervical fusion by using cervical cadge with or without bone granule** **Mohamed Shaban,** Cairo University School of Medicine, Egypt

17:40-18:05	**Title: Spinous process osteotomy – Bone and soft tissue preserving extensile approach to multilevel spinal pathology – Our experience and outcomes** **Chandrasekaran Marimuthu,** Mahatma Gandhi Medical College and Research Institute, India

Day 3 July 26, 2017

Olimpica 1

Keynote Forum

10:00-10:40	**Title: A new algorithm for surgical management of cervical spondylotic myelopathy** **Majid Reza Farrokhi,** Shiraz University of Medical Sciences, Iran
10:40-11:20	**Title: The problem of whiplash and possible treatments** **Gert Holstege,** University of Groningen, Netherlands

Networking & Refreshment Break 11:20-11:40 @ Foyer

Session: Spinal Disorders

Session Chair: Massimiliano Visocchi, Institute of Neurosurgery Catholic University of Rome, Italy

Session Introduction 11:40-11:45

11:45-12:10	**Title: Microendoscopic decompression in single and multiple level lumbar canal stenosis: A series of 583 cases** **Mohamed S Kabil,** Ain Shams University Hospital, Egypt
12:10-12:35	**Title: Anterior midline limited corpectomy in ossified posterior longitudinal ligament – Our experience and functional outcome** **Chandrasekaran Marimuthu,** Mahatma Gandhi Medical College and Research Institute, India
12:35-13:00	**Title: The potential impact of Dynamic Upright MRI in the surgical management of patients with degenerative lumbosacral spine disease** **Heba Ibrahim Ali,** Neurospinal Hospital, UAE

Panel Discussion 13:00-13:05

Lunch Break 13:05-14:05 @ Hotel Restaurants

Sessions: Pain Management | Spondylolisthesis | Spine Surgery

Session Chair: Majid Reza Farrokhi, Shiraz University of Medical Sciences, Iran

Session Introduction 14:05-14:10

14:10-14:35	**Title: Endonasal endoscopic approach to the odentoid and craniocervical pathologies** **Babak Alijani,** Guilan University of Medical Sciences, Iran
14:35-15:00	**Title: The effects of myofascial trigger point on preparatory brain activity and anticipatory postural control associated with voluntary unilateral arm flexion** **Marzieh Yassin,** Iran university of Medical Sciences, Iran
15:00-15:25	**Title: The role of epidural steroids in the outcome of postoperative lumbar discectomy** **Mohamed Shaban,** Cairo University School of Medicine, Egypt
15:25-15:50	**Title: Differential activation of muscles, during arm flexion in patient with active myofascial trigger points** **Marzieh Yassin,** Iran university of Medical Sciences, Iran

Panel Discussion 15:50-15:55

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

Video Presentation

16:15-16:35	**Title: Association of intervertebral disc degeneration with upregulated myofibroblastic activity in nucleus pulposus** **Lonoy Yan Peng,** The University of Hong Kong, China
16:35-16:55	**Title: Upper limb assistive devices for muscular dystrophy patients: Proposed approaches** **Marta Gandolla,** Politecnico di Milano, Polo Territoriale di Lecco, Italy
16:55-17:15	**Title: Doppler ultrasonography assessment of the vertebral artery in people with cervicogenic dizziness** **Gary Shum,** University of St Mark & St John, UK

Awards & Closing Ceremony