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
## Keynote Forum

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**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
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<tr>
<td>11:25-11:50</td>
<td><strong>Title: Comparison of Automated Percutaneous Lumbar Discectomy (APLD) and Percutaneous Laser Disc Decompression (PLDD) results with 1 year follow-up</strong></td>
<td>Jan W Duncan, California Spine Orthopaedic Surgery, USA</td>
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<td>11:50-12:15</td>
<td><strong>Title: A multidisciplinary work related low back pain predictor questionnaire: Psychometric evaluation among iranians patient care workers</strong></td>
<td>Sedigheh Sadat Tavafian, Tarbiat Modares University, Iran</td>
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<td>12:15-12:40</td>
<td><strong>Title: Low back pain is a disease</strong></td>
<td>Abbas Alnaji, Al-sadir teaching hospital, Iraq</td>
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<td>12:40-13:05</td>
<td><strong>Title: Diagnostic tests of sacroiliac joint dysfunction</strong></td>
<td>Parisa Nejati, Iran University of Medical Sciences, Iran</td>
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<tr>
<td>13:05-13:30</td>
<td><strong>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</strong></td>
<td>Sedigheh Sadat Tavafian, Tarbiat Modares University, Iran</td>
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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**

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<tr>
<td>14:35-15:00</td>
<td><strong>Title: Hybrid spinal fixation minimally invasive approach in lumbar degenerative listhesis – Our experience and outcome</strong></td>
<td>Chandrasekaran Marinmathu, Mahatma Gandhi Medical College and Research Institute, India</td>
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<tr>
<td>15:00-15:25</td>
<td><strong>Title: A consecutive series of 39 microendoscopic disectomies for recurrent lumbar disc herniation</strong></td>
<td>Mohamed S Kabil, Ain Shams University Hospital, Egypt</td>
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Networking & Refreshment Break 15:25-15:55 @ Foyer

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<tr>
<td>15:55-16:20</td>
<td><strong>Title: Predisposing factor for adjacent-segment failure following lumbar fixation for degenerative instability</strong></td>
<td>Mohamed Shaban, Cairo University School of Medicine, Egypt</td>
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</tbody>
</table>
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

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, Politechnic 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
Title: The effect of Kinesio taping technique on trigger points of the piriformis muscle
Fahimeh Hashemirad, Monash University, Australia

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 Głowó, University of Warmia and Mazury in Olsztyn, Poland

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

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

Title: Electro-physiological study on facial muscles in healthy people: Using the surface electromyography
Jong-uk Kim, Woosuk University, Republic of Korea

Title: Cognitive and personality characteristics of Sasang constitution using neuropsychological and personality tests
Yunyoung An, Woosuk University, Republic of Korea

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

Title: Neurovisualization patterns of neuronal-glial tumors associated with focal epilepsy in children
Khava Gazdieva, Russian Children Clinical Hospital, Russia

Title: Children with Down syndrome present psychomotor developmental delay
Ewa Mojs, Poznan Medical University, Poland

Title: A novel approach to SMN protein-based evaluation as biomarker in spinal muscular atrophy
Masayuki Arakawa, Institute of Microbial Chemistry, Japan

Title: Tacrolimus significantly improves symptoms in children with myasthenia gravis refractory to prednisone
Mengcui Gui, Huazhong University of Science and Technology, China

Title: The approach of facial surface electromyography: A study on the measurement system in buccal area
Tae-han Yook, Woosuk University, South Korea

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 lumbar sacral 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