Scientific Program

International Conference on

Spine and Spinal Disorders

June 30-July 02, 2016 Valencia, Spain



Conference Series LLC
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Scientific Program

Day 1 June 30, 2016

09:00-09:30 **Registrations**

Melia Meeting Hall: 1+2

conferenceseries.com 09:30-10:00

Opening Ceremony

Keynote Forum

10:00-10:40 **Title: Cobalt Chromium Rods vs Titanium rods in the Correction of Serious Deformities in Adolescents**
Pierpaolo Mura, Sapienza University of Rome, Italy

10:40-11:20 **Title: Spinal Tumors in children**
Barbara Spacca, Anna Meyer Children's Hospital, Italy

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

11:40-12:20 **Title: Spine Tumors: The Impact of Spine Radiosurgery on Pain and Quality of Life**
Lilyana Angelov, Rose Ella Burkhardt Brain Tumor & Neuro-Oncology Center , USA

Session on: Spina Bifida & Spinal Stenosis
Session on: Back Pain and Spine
Session Chair: Ilya Rukavishnikov, Institute of Biomedical Problems of the RAS, Russia

Session Introduction

12:20-12:45 **Title: Cobalt chrome rods versus titanium rods in the surgical correction of spinal deformities**
Pierpaolo Mura, Sapienza University of Rome, Italy

12:45-13:10 **Title: Reduced tibial nerve movement in people with postoperative residual leg symptoms following decompression for spinal stenosis**
Gary Shum, University of St Mark and St John, UK

13:10-13:35 **Title: Possible mechanisms of back pain under microgravity conditions**
Ilya Rukavishnikov, Institute of Biomedical Problems of the RAS, Russia

Lunch Break @ Restuarant Aqua 13:35-14:20

14:20-14:45 **Title: Occult spinal dysraphism. How and when do we treat them surgically?**
Barbara Spacca, Anna Meyer Children's Hospital, Italy

14:45-15:10 **Title: Management of surgical disorders of the craniocervical junction: Report of 100 cases**
Majid Reza Farrokhi, Shiraz University of Medical Sciences, Iran

15:10-15:35 **Title: Treatment of sacroiliac joint dysfunction: Exercise or manipulation?**
Parisa Nejati, Iran University of Medical Sciences, Iran

Networking & Refreshment Break @ Foyer Buisness Center 15:35-15:55

Session on: Spinal Cord Injury
Session on: Spine Tumors
Session Chair: Lilyana Angelov, Rose Ella Burkhardt Brain Tumor & Neuro-Oncology Center, USA

Session Introduction

15:55-16:20 **Title: Multimodality Management of Spine Tumors**
Lilyana Angelov, Rose Ella Burkhardt Brain Tumor & Neuro-Oncology Center, USA

16:20-16:45 **Title: A pilot clinical study of olfactory mucosa autograft for chronic complete spinal cord injury**
Koichi Iwatsuki, Osaka University Medical School, Japan

16:45-17:10 **Title: Dopamine D1 receptor agonist A-68930 inhibits NLRP3 inflammasome activation and protects rats from spinal cord injury-induced acute lung injury**
Liulong Zhu, Nanjing Medical University, Affiliated Hangzhou Hospital, China

17:10-17:35 **Title: Rutin Attenuates Neuroinflammation in Spinal Cord Injury Rats**
Wu Jiang, Nanjing Medical University, Affiliated Hangzhou Hospital, China

17:35-18:00 **Title: Kyphoplasty for pathological compression spinal fractures: two years experience with purified silicone VK100**
Stefano Telera, National Cancer Institute "Regina Elena", Italy

Panel Discussion

Day 2 July 01, 2016

Melia Meeting Hall: 1+2

Keynote Forum

10:00-10:40 **Title: Diagnosis and treatment of Early Onset Scoliosis (EOS): History and evolution**
Tiziana Greggi, Rizzoli Orthopaedic Institute, Italy

10:40-11:20 **Title: Surgical Strategies in Management of Cervical OPLL**
Hiroshi Nakagawa, Kushiro Kojinkai Memorial Hospital Spine Center, Japan

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

Session on: Scoliosis & Whiplash Spine
Session on: Pain Management

Session Chair: Mario Carvi Nievas, Kiniken Südostbayern AG. Neurosurgical Clinic, Germany

Session Introduction

11:40-12:05 **Title: Palliative treatment of multiple level painful vertebral metastases employing O-Arm navigated radiofrequency ablation and augmentation**
Mario Carvi Nievas, Kiniken Südostbayern AG. Neurosurgical Clinic, Germany

12:05-12:30 **Title: Effect of growing systems on Hyperkyphotic deformities**
Elena Maredi, Rizzoli Orthopaedic Institute, Italy

12:30-12:55 **Title: Surgical treatment of severe progressive scoliosis in neurofibromatosis in pediatric age**
Tiziana Greggi, Rizzoli Orthopaedic Institute, Italy

12:55-13:20 **Title: Kinematic analysis of the upper cervical spine manual techniques and 3D anatomical modeling: for a better reappraisal of what we do with our hands**
Pierre Michel Dugailly, Université Libre de Bruxelles, Belgium

Lunch Break @ Restuarant Aqua 13:20-14:00

Session on: Spine Surgery

Session Chair: Vicente Vanaclocha-Vanaclochai, Hospital General Universitario de Valencia, Spain

Session Introduction

14:00-14:25 **Title: Experimental design of a novel Prosthesis for total Lumbar Disc Replacement**
Vicente Vanaclocha-Vanaclochai, Hospital General Universitario de Valencia, Spain

14:25-14:50 **Title: Keyhole anterior approach with cage fixation in cervical spondylosis and OPLL**
Hiroshi Nakagawa, Kushiro Kojinkai Memorial Hospital Spine Center, Japan

14:50-15:15 **Title: The value of the Use of the O-Arm and Neuronavigation in the Minimally Invasive Spine Surgery Cases**
Walid Attia, King Fahad Medical City, Saudi Arabia

15:15-15:40 **Title: Lumbar microdiscectomies in lateral position and under epidural anesthesia – Our experience**
Satish Kalidindi, Manipal Hospitals, India

Networking & Refreshment Break @ Foyer Buisness Center 15:40-16:00

16:00-16:25 **Title: Unilateral Laminectomy Approach for Removal of Intradural Benign Tumors other than Schwannomas and Meningiomas**
Alfredo Pompili, National Cancer Institute "Regina Elena", Italy

16:25-16:50 **Title: Tubular Retractor: A New Paradigm in Spine Surgery**
Arvind Kulkarni, Mumbai Spine Scoliosis & Disc Replacement Centre, India

16:50-17:15 **Title: Advances in spine imaging: radiation dose reduction**
Alberto Zerbi, IRCCS Istituto Ortopedico Galeazzi, Italy

17:15-17:40 **Title: Analysis of radiation dose in open versus percutaneous posterior spinal stabilisations – a prospective single surgeon experience**
Peter Moriarty, Galway University and Merlin Park Hospital, Ireland

Panel Discussion

Poster Presentations @ 17:30-18:00

P1 **Title: Quantification of the upper cervical spine stiffness among headache patients**
Pierre Michel Dugailly, Université Libre de Bruxelles, Belgium

P2 **Title: Non-Invasive Methods of Computer Vision in the Posture Evaluation of AdolescentIdiopathic Scoliosis: A Systematic Review**
Rozilene Maria Cota Aroeira, Universidade Federal de Minas Gerais, Brazil

Day 3 July 02, 2016

Melia Meeting Hall: 1+2

Networking Meeting & Lunch 11:00-13:00

Closing Ceremony

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Physicians should only claim credit commensurate with the extent of their participation in the activity.

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