

Scientific Program

6th World Congress on

Spine and Spinal Disorders

April 23-24, 2021 | Dubai, UAE

Theme:

Spinal Disorders - Revolutionizing Diagnosis and Treatment Approach

SPINE 2021

Our Sponsor

FUJIFILM
Value from Innovation

Pulsus Group
35 Ruddlesway, Windsor, Berkshire SL4 5SF, United Kingdom
Ph: +44-203-769-1778 or Whatsapp: +44 1236 268004
E-Mail: spine@pulsusgathering.com | spine@pulsusseries.com

Scientific Program

PULSUS
WWW.PULSUSCONFERENCE.COM
35 YEARS IN ASSESING THE IMPACT OF HEALTHCARE RESEARCH

Day 1 : April 23, 2021 | Friday

Introduction

08:00 - 08:15 Registrations & Souvenir Distribution

08:15 - 08:30 Opening Ceremony

Keynote Forum

08:30 - 08:55
Title: Non-surgical management of Failed Back Syndrome
Akhil Chhatre | The Johns Hopkins University | USA

08:55 - 09:20
Title: Contrast Spread Technique: Algorithm and Study
Yakov Perper | Universal Pain Management | USA

09:20 - 09:45
Title: The Role of Cervical MRI in Post-traumatic Cervical Bilateral Jumped Facets: A Meta-analysis
Ahmed Abdulhadi Al Jishi | Hamilton General Hospital | Canada

09:45 - 10:10
Title: A novel measurement technique to assess shoulder balance of 40 patients who have previously had Lenke type 1 Adolescent Idiopathic Scoliosis Correction Surgery
Antony Louis Rex Michael | Neuro Spinal Hospital | UAE

10:10 - 10:35
Title: Spine surgery discussion with the patient; The "Dialogue support – A prediction tool based on data from the Swedish National Quality Spine Register"
Peter Fritzell | Futurum Academy for Health and Care | Sweden

10:35 - 11:00
Title: Classification of Post-traumatic Deformities of the Thoracic and Lumbar Spine
Asker Alievich Afaunov | Kuban State Medical University | Russia

Panel Discussion

Networking, Refreshments and Exhibition Area 11:00-11:30

11:30 - 11:55
Title: Transforaminal Endoscopic Spine Surgery - An evolving concept
Malcolm Pestonji | MGM University of Health Sciences | India

11:55 - 12:20
Title: Minimally Tnvasive Surgery for Degenerative Lumbar Pathology an institutional experience
Ayush Sharma | Dr. Babasaheb Ambedkar Central Railway Hospital | India

12:20 - 12:45
Title: Vertebroplasty: Why the evidence is biased?
Sidharth Verma | DY Patil University School of Medicine | India

Panel Discussion

Lunch Break 12:45 - 13:45

Session on: Spine Diseases | Spinal Disorders | Prevalence

Session Chair: Akhil Chhatre | The Johns Hopkins University | USA

Session Introduction

13:45 - 14:00
Title: Abdominal Vascular Injury during Posterior Lumbar Discectomy
Pranaw Kumar | Royal Preston Hospital | UK

14:00 - 14:15
Title: Prevalence of Low Back Pain in the elderly population: A systematic review
Ingred Merllin Batista de Souza | University of Sao Paulo | Brazil

14:15 - 14:30	**Title: Vertebral Osteomyelitis in Adult Patients – Characteristics and Outcome** **Matej Mustapic** | Southern Alvsborgs Hospital | Sweden
14:30 - 14:45	**Title: Miyazaki Syndrome (Cervical Myelopathy caused by CSF overshunting): A multifactorial abnormality of fluid pressure changes in the cranio-spinal CSF and venous circulation** **Anna Szűcs** | Semmelweis University | Hungary
14:45 - 15:00	**Title: Ochronosis of Spine: Clinical features, diagnosis, management - A very rare clinical entity** **Harshil Patel** | Civil Hospital | India
	Panel Discussion
	*Speaker slots are available
	Session on: Spinal Deformities and its Management
	Session Chair: Antony Louis Rex Michael | Neuro Spinal Hospital | UAE
	Session Introduction
15:00 - 15:15	**Title: Operative Treatment of Severe Scoliosis with Modified Arc Rotation Maneuver** **Togrul Caliliov** | Azerbaijan Scientific Research Institute of Traumatology and Ortopaedic | Azerbaijan
15:15 - 15:30	**Title: Scientific Exercise Approach to Scoliosis (SEAS)** **Mudasir Rashid Baba** | Yenepoya University | India
15:45 - 16:00	**Title: Safety, efficacy and outcome of Anterior Vertebral Body Tethering for Adolescent Idiopathic Scoliosis: Early results of single Asian center** **Keyur Kantilal Akbari** | Apollo Hospitals | India
	Networking, Refreshments and Exhibition Area 16:00 - 16:30
	Session to be conitnued
16:30 - 16:45	**Title: Correction of Severe Stiff Scoliosis through Extrapleural Interbody Release and Osteotomy (LIEPO)** **Cleiton Dias Naves** | National Institute of Traumatology and Orthopedics of Brazil (INTO) | Brazil
16:45 - 17:00	**Title: Surgical Management of Mucopolysaccharidosis - Related Spinal Deformities** **Polina Vyacheslavovna Ochirova** | Russian Ilizarov Scientific Center for Restorative Traumatology and Orthopaedics | Russia
17:00 - 17:15	**Title: The research about screening of Adolescent Idiopathic Scoliosis in Lanzhou** **Jing Ji** | Gansu Province Hospital of TCM | China
	Panel Discussion
	*Speaker slots are available
	Special Session
17:15 - 18:15	**Title: Scoliosis** **Antony Louis Rex Michael** | Neuro Spinal Hospital | UAE **Mona Hussein** | Medicentres | UAE
	Video Presentation
18:15 - 18:30	**Title: Biomechanical Factors in Etiology of the So-Called Idiopathic Scoliosis (Adolescent Idiopathic Scoliosis [AIS]. Dates of discoveries. Classification, Rules of the therapy and Prophylaxis** **Tomasz Karski** | Vincent Pol University in Lublin | Poland
	Panel Discussion
	*Video presentation slots are available
18:30 - 19:15	**B2B Meeting**

Day 2 : April 24, 2021 | Saturday

08:00 - 08:10 Gathering & Introduction

Keynote Forum

08:10 - 08:35
Title: Cost and Health Outcomes Patterns in patients treated with Spinal Cord Stimulation following Spine Surgery - A register based study
Peter Fritzell | Futurum Academy for Health and Care | Sweden

08:35 - 09:00
Title: The role of Full-Endoscopic Spine Surgery in Lumbar Disc Herniation surgical treatment: Routine and complex cases
Stylianos Kapetanakis | Interbalkan European Medical Center | Greece

09:00 - 09:25
Title: Managing Hardware to revise complex spine cases; would the O-Arm and Neuronavigation be a magic wand in the hands of the surgeon or just a burden?
Walid Ismail Attia | King Fahad Medical City | KSA

09:25 - 09:50
Title: Incidence of Dysphagia of zero-profile Spacer versus Cage-plate after Anterior Cervical Discectomy and Fusion. A meta-analysis
Jiaquan Luo | The First Affiliated Hospital of Gannan Medical University | China

09:50 - 10:15
Title: Prediction of SSI in Spinal Surgery
Alexandr Nikolayevich Tkachenko | Mechnikov North-West State Medical University | Russia

10:15 - 10:40
Title: Non operative treatment methods of Chronic Spine Pain Management: Evidence update
Sidharth Verma | DY Patil University School of Medicine | India

10:40 - 11:05
Title: Evidence on results of non-surgical treatment in Degenerative Spine
Sidharth Verma | DY Patil University School of Medicine | India

Networking, Refreshments and Exhibition Area 11:05 - 11:30

Session on: Miscellaneous (Spondy, Trauma, Tumor, Infection etc.)

Session Chair: Peter Fritzell | Futurum Academy for Health and Care | Sweden

Session Introduction

11:30 - 11:45
Title: Evaluation of patients with Subaxial Cervical Fractures by the new Aospine Classification
Pedro Augusto Celestino de Oliveira | Holy House of Mercy of Sao Paulo | Brazil

11:45 - 12:00
Title: How to manage Spine Tumors in a middle income country - Lessons learned
Juan Manuel Rodriguez Gil | Medilaser Clinic | Colombia

12:00 - 12:15
Title: Prophylactic of stress fractures of vertebrae adjacent to Transpedicular Screw Fixation for Osteoporosis
Igor Basankin | Research Institute Krasnodar Regional Hospital | Russia

12:15 - 12:30
Title: Posterior Subtraction Corpectomy for the management of Traumatic Dorsal and Lumbar Fractures - Two year follow-up experience
Juan Manuel Rodriguez Gil | Medilaser Clinic | Colombia

12:30 - 12:45
Title: Reduction and Internal Fixation of Complex Fractures of the Odontoid by the Transoral Approach
Geraldo de Sá Carneiro Filho | Hospital da Restauração | Brazil

12:45 - 13:00
Title: Surgical management and outcome of Intramedullary Spinal Cord Tumours
Mohammad Fathy Eissa | Al-Azhar University | Egypt

Panel Discussion

*Speaker slots are available

Lunch Break 13:00 - 13:50

Workshop

13:50 - 14:35

Title: Pain Intervention Techniques under Ultrasound Guidance

Ahmed Maher Abdalla | Al-Asha Hospital | KSA

Workshop Sponsor FUJIFILM Value from Innovation

*Workshop slots are available

Session on: Diagnosis and Treatment Methods | Quality/Safety/Value/Complications

Session Chair: Ayush Sharma | Dr. Babasaheb Ambedkar Central Railway Hospital | India

Session Introduction

14:35 - 14:50

Title: Systematic review of the use of Post-Voiding Bladder Scan in diagnosis of Cauda Equina Syndrome

Amr Elbahi | Kettering General Hospital | UK

14:50 - 15:05

Title: The resurgence of CT Myelogram using HRCT with dynamic oblique reconstruction in the age of MRI

Keyur Kantilal Akbari | Apollo Hospitals | India

15:05 - 15:20

Title: Causes and Radiological Findings in Failed Back Surgery Syndrome mainly after Lumbar Discectomy

Mohamed Rafat | Mansoura University Hospitals | Egypt

15:20 - 15:35

Title: Do intra-operative neurophysiological changes predict functional outcome following decompressive surgery for Cervical Myeloradiculopathy? A prospective study

Keyur Kantilal Akbari | Apollo Hospitals | India

15:35 - 15:50

Title: Augmentation of Fenestrated Pedicle Screws with cement in patients with Osteoporotic Spine

Amr Elbahi | Kettering General Hospital | UK

Networking, Refreshments and Exhibition Area 15:50-16:15

Session to be conitnued

16:15 - 16:30

Title: Application of Negative Pressure Wound Therapy in the treatment of pyoinflammatory complications after spinal surgery

Takhir Ismailovich Tamaev | St. Petersburg I.I. Dzhanelidze Research Institute of Emergency Medicine | Russia

16:30 - 16:45

Title: Reoperation after Lumbar Total Disc Replacement versus Lumbar Fusion: A meta-analysis

Min-Jie Rao | The People's Hospital of Yichun City | China

*Speaker slots are available

Session on: Minimally Invasive Spine Surgery

Session Chair: Stylianos Kapetanakis | Interbalkan European Medical Center | Greece

Session Introduction

16:45 - 17:00

Title: Treatment of Lumbar Spinal stenosis with the HQ (Hernández and Quintana) Interbody Screw, with Minimally Invasive Technique

Braulio Hernandez Carbajal | The Mexican Society of Endoscopic Surgery of the Spine | Mexico

Eduardo Modiano | Hospital Obregon | Mexico

17:00 - 17:15	**Title: An Enhanced Recovery After Surgery (ERAS) pathway following Single-level Minimally Invasive Transforaminal Lumbar Interbody Fusion significantly decreases length of stay and opioid requirements** **Harel Deutsch** | Rush University | USA
17:15 - 17:30	**Title: Percutaneous Spinal Endoscopic Assistant Lumbar Interbody Fusion and Percutaneous Pedicle Screw Fixation** **Xifeng Zhang** | The Chinese General Hospital of PLA | China
17:30 - 17:45	**Title: The Modified Wiltse Approach for treatment of Extraforaminal Disc Herniation in the Lumbar Spine** **Murodzhon Azamovich Kosimshoev** | FSI Federal Center of Neurosurgery | Russia
	Panel Discussion
	*Speaker slots are available
	Session on: Clinical Trials, Case Reports and Debate on Spinal Disorders
	Session Chair: Walid Ismail Attia | King Fahad Medical City | KSA
	Session Introduction
17:45 - 18:00	**Title: Anatomic Image-based Classification of Spinal Motion-segment Disease of Lumbar Spine – Preliminary clinical report** **Said Osman** | Sky Spine Endoscopy Institute | USA
18:00 - 18:15	**Title: Restoration of Spinal Sagittal Alignment: Overview of randomized trials** **Ibrahim M. Moustafa** | University of Sharjah | UAE
18:15 - 18:30	**Title: Spinal Cord Stimulation for Fail Back Surgery Syndrome: Review of literature and clinical study** **Kashcheev Alexey Alekseevich** | Neurology Research Center | Russia
18:30 - 18:45	**Title: Intra-medullary Tuberculomas: Case series** **Pradeep. N** | SSIMS & RC | India
	Panel Discussion
	*Speaker slots are available
	Poster Presentation 18:45 - 19:00
PP01	**Title: Prevalence and risk factors of Low Back Pain among Taif Surgeons** **Abdullah Mohammed Alturkistani** | Taif University | KSA
PP02	**Title: Congenital Medullar Canal and Multi Foraminal Stenosis in a patient With Achondroplasia: Case report and adjuvant use Of 3D mould for surgical programming** **Breno Nery** | Beneficencia Portuguesa Hospital | Brazil
PP03	**Title: Medullary and Foraminal Stenosis by Lumbar Vertebral Hemangioma: How to approach?** **Breno Nery** | Beneficencia Portuguesa Hospital | Brazil
PP04	**Title: Prevalence of Neck–Shoulder Pain and Low Back Pain among high school students in Riyadh, Saudi Arabia** **Rawaf K Al Rawaf** | King Saud University College of Medicine | KSA
PP05	**Title: Epidural Steroid Injections in treatment of Chronic Low Back Pain caused by Degenerative-dystrophic Spinal Damage** **Kvasnitskyi Mykola Vasyliovych** | State Scientific Institution "Applied Research Centre for Preventive and Clinical Medicine" | Russia

PP06 **Title: Subacute rehabilitation outcome after 14 day rehabilitation course in NRC Vaivari of patients after Lumbar Surgery treatment**

Zaiga Kalnberza | National Rehabilitation Center "Vaivari" | Latvia

PP07 **Title: Cervical Spine Tuberculosis: Conservative management and its outcome. A prospective study of 84 patients**

Ghanshyam Kakadiya | Topiwala National Medical College & Nair Hospital | India

Panel Discussion

*Speaker slots are available

Certificates and Award Presentations

Thanks Giving & Closing Ceremony

Note: The scientific program may subject to change

