Scientific Program

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Opening Ceremony
08:30 - 08:45

Monday | December 06, 2021 | Day 1 @ Maktoum Hall

Keynote Forum

08:45 - 09:10

Title: Neurogenic obesity and body composition to determine cardiometabolic risk after Spinal Cord Injury

David R Gater | University of Miami | USA

09:10 - 09:35

Title: Contrast Spread Technique: Algorithm and study

Yakov Perper | Universal Pain Management | USA

09:35 - 10:00

Title: Spinal Navigation with 3D-Imaging as routine tool in Spine Surgery

Nils D Haberland | Neuro Spinal Hospital | UAE

Networking & Refreshment Break 10:00 - 10:30 @ Foyer Area

10:30 - 10:55

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

10:55 - 11:20

Title: Minimally Invasive Surgery for Degenerative Lumbar Pathology - An institutional experience

Ayush Sharma | Dr. Babasaheb Ambedkar Central Railway Hospital | India

11:20 - 11:45

Title: Transforaminal Endoscopic Spine Surgery - An evolving concept

Malcolm Pestonji | MGM University of Health Sciences | India

Panel Discussion

Sessions on: Spine Diseases | Spinal Disorders | Prevalance

Session Chair: **Yakov Perper | Universal Pain Management | USA**

Session Introduction

11:45 - 12:00

Title: Vertebral Osteomyelitis in adult patients – Characteristics and outcome

Matej Mustapic | Southern Alvsborgs Hospital | Sweden

12:00 - 12:15

Title: Classification of post-traumatic deformities of the Thoracic and Lumbar Spine

Afaunov Asker Alievich | Kuban State Medical University | Russia

12:15 - 12:30

Title: Hematogenous Pyogenic Vertebral Osteomyelitis: Clinical and microbiological characteristics

Aleksandr Yuryevich Bazarov | Tyumen Regional Clinical Hospital No. 2 | Russia

12:30 - 12:45

Title: Bertolotti's Syndrome: Minimally Invasive Tubular Microsurgical Transverse Processectomy: A modified surgical approach

Hatam Afana | King's College Hospital London | UAE

12:45 - 13:00

Title: Intra-medullary Tuberculomas: Case series

Pradeep N | SSIMS & RC | India

13:00 - 13:15

Title: Functional recovery outcomes in Degenerative Cervical Spine Disorders after surgical intervention

Ankit Singh | K J Somaiya Medical College and Research Centre | India

Panel Discussion

Lunch Break 13:15-14:15 @ New Seasons Restaurant

Sessions on: Spinal Deformities and its Management

Session Chair: **Antony Louis Rex Michael** | Neuro Spinal Hospital | UAE

Session Introduction

14:15 - 14:30

Title: Systemic Cell Therapy using human mononuclear cord blood cells (hUCBCs) in patients with Acute Severe Contusion Spinal Cord Injury (ASIA A, B): Phases I/IIa of randomized open-label safety and primary efficiency clinical study

Vladimir A Smirnov | Sklifosovsky Emergency Care Research Institute | Russia

14:30 - 14:45

Title: Prophylactic of stress fractures of vertebrae adjacent to transpedicular screw fixation for Osteoporosis

Igor Basankin | Research Institute Krasnodar Regional Hospital | Russia

Vladimir Shapovalov | Research Institute Krasnodar Regional Hospital | Russia

14:45 - 15:00	**Title: Operative treatment of severe Scoliosis with Modified Arc Rotation Maneuver** **Togrul Caliliov** | Azerbaijan Scientific Research Institute of Traumatology and Ortopaedic | Azerbaijan
15:00 - 15:15	**Title: Scientific Exercise Approach to Scoliosis (SEAS)** **Mudasir Rashid Baba** | Yenepoya University | India

Panel Discussion

Special Session

15:15 - 16:15	**Title: Scoliosis** **Antony Louis Rex Michael** | Neuro Spinal Hospital | UAE **Zeshan Zahid** | Medcare Physio & Rehab Center | UAE **Branka Majstorovic** | Neuro Spinal Hospital | UAE

Networking & Refreshment Break 16:15 - 16:45 @ Foyer Area

Sessions on: Osteoporosis | Arthritis | Musculoskeletal Disorders

Session Chair: Nils D Haberland | Neuro Spinal Hospital | UAE

Session Introduction

16:45 - 17:00	**Title: Analysis of kinetic parameters using the Miomotion System in patients after Tibial Nonunion treatment** **Piotr Morasiewicz** | University of Opole | Poland
17:00 - 17:15	**Title: Analysis of bone fragments displacement during the treatment of Tibial Nonunion with a hexapod fixator with the use of computer navigation** **Piotr Morasiewicz** | University of Opole | Poland

Panel Discussion

Poster Presentation 17:15 - 17:45

Poster Judge: **Antony Louis Rex Michael | Neuro Spinal Hospital | UAE**

PP01	**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
PP02	**Title: Medullary and Foraminal Stenosis by Lumbar Vertebral Hemangioma: How to approach?** **Breno Nery** | Beneficencia Portuguesa Hospital | Brazil

PP03	**Title: The incidence of Odontoid Fractures following trauma in a major trauma center, a retrospective study** **Ahad Abdullah Bugis** | Dr. Suliman Alhabib Hospital | KSA
PP04	**Title: MR Neurography and MR Tractography of the Brachial Plexus** **Ibrahim Ibrahim** | Institute for Clinical and Experimental Medicine - IKEM | Czech Republic
PP05	**Title: Sonographic evaluation of Sciatic Nerve in individuals with S1 radicular symptoms** **Simona Kurkova** | Charles University and Motol University Hospital | Czech Republic

Virtual Poster Presentation 17:45 - 18:00

PP06	**Title: Chemotherapy may obviate Prophylactic Femoral Nail Surgery for Multiple Myeloma patients with high Mirels' score lesions and impending pathological hip fracture** **Omkaar Divekar** | St. George's University of London | UK
PP07	**Title: Surgical site infection following pedicle screw fixation of Thoracic and Lumbar Fractures** **Ainur Karchalova** | Asfendiyarov Kazakh National Medical University | Russia
PP08	**Title: Patient-specific drill guide template for pedicle screw insertion into the Atlantoaxial Cervical Spine utilizing Stereolithographic Modelling: An *in vitro* study** **Harjoland L Obenieta** | University of the Philippines Manila | Philippines

Day 1 - Closing Ceremony

Tuesday | December 07, 2021 | Day 2 @ Maktoum Hall

Keynote Forum

08:45 - 09:10

Title: Six solutions for one problem: Minimally invasive approaches for Lumbar Interbody Fusion Surgery in adults suffering from Degenerative Disc Disease

Vasileios Arzoglou | Hull Royal Infirmary | UK

09:10 - 09:35

Title: Treatment of Lumbar Spinal Stenosis with the HQ (Hernández and Quintana) interbody screw, with Minimally Invasive Technique

Braulio Hernandez | The Mexican Society of Endoscopic Surgery of the Spine | Mexico
Eduardo Modiano | Hospital Obregon | Mexico

09:35 - 10:00

Title: Lumbar fixation using the cortical bone trajectory fixation. A single surgeon experience with 3 year follow up

Vasileios Arzoglou | Hull Royal Infirmary | UK

10:00 - 10:25

Title: The evaluation of Total Knee Replacement implanted with and without navigation system

Munaf A Hatem | Peaceland Medical Service | Oman

Panel Discussion

Networking & Refreshment Break 10:25 - 10:55 @ Foyer Area

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

Session Chair: **David R Gater** | University of Miami | USA

Session Introduction

10:55 - 11:10

Title: Prediction of SSI in Spinal Surgery

Alexandr Nikolayevich Tkachenko | Mechnikov North-West State Medical University | Russia

11:10 - 11:25

Title: Surgical correction of Degenerative Sagittal Imbalance of the Lumbar Spine

Aleksey Vladimirovich Peleganchuk | Novosibirsk Research Institute of Traumatology and Orthopedics named after Tsyvyan Y L | Russia

11:25 - 11:40

Title: Interobserver reproducibility assessment of the new AOSPINE classification for Subaxial Cervical Lesions

Leandro Vinicius Vital | Biocor Institute | Brazil

11:40 - 11:55

Title: Advanced Neuromuscular Therapy protocol for - Vertical Spinal Instability / Degenerative Disc Disease of Spine

Ragurajaprakash K | Royalcare Super Speciality Hospital | India

11:55 - 12:10

Title: Influence of the Chêneau-Brace Therapy on Thoracic and Lumbar Spine and its interdependency with Cervical Spine alignment in patients with Adolescent Idiopathic Scoliosis (AIS)

Aly El Zeneiny | Heidelberg University Hospital | Germany

Panel Discussion

Sessions on: Minimally Invasive Spine Surgery

Session Chair: **Nils D Haberland** | Neuro Spinal Hospital | UAE

Session Introduction

12:10 - 12:25

Title: Less Invasive Bipolar Fixation Fusion Free (B3F) for correction of major Adult Spinal Deformities: Results of a prospective study after 5 Years

Guillaume RIOUALLON | Paris Saint Joseph Hospital Group | France

12:25 - 12:40

Title: The Modified Wiltse Approach for treatment of Extraforaminal Disc Herniation in the Lumbar Spine

Murodzhon Azamovich Kosimshoev | FSI Federal Center of Neurosurgery | Russia

12:40 - 12:55

Title: Modified Far Lateral Endoscopic Transforaminal Lumbar Interbody Fusion using a Biportal Endoscopic Approach: Technical report and preliminary results

Jin Hwa Eum | Medrex Hospital | South Korea

Panel Discussion

Lunch Break 12:55-13:55 @ New Seasons Restaurant

Virtual Session

Keynote Forum

13:55 - 14:10

Title: Anatomic Image-based classification of Spinal Motion-Segment Disease of Lumbar Spine – Preliminary clinical report

Said Osman | Sky Spine Endoscopy Institute | USA

14:10 - 14:25

Title: Endoscopic Trans-iliac Approach to L5-S1 Disc and Foramen – A report on clinical experience

Said Osman | Sky Spine Endoscopy Institute | USA

14:25 - 14:40

Title: The Dialogue Support, a predictive tool based on a National Spine Register in Sweden, "Swespine"

Peter Fritzell | Futurum Academy for Health and Care | Sweden

14:40 - 14:55

Title: Antibiotics should not be used as treatment for CLBP, irrespectively of Modic changes experience

Peter Fritzell | Futurum Academy for Health and Care | Sweden

14:55 - 15:10

Title: Non-surgical management of Failed Back Syndrome

Akhil Chhatre | The Johns Hopkins University | USA

15:10 - 15:25

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

Panel Discussion

Sessions on: Current Strategies in Diagnosis and Treatment | Clinical Trials and Case Reports

Session Chair: **Yakov Perper** | Universal Pain Management | USA

Session Introduction

15:25 - 15:35	**Title: How to manage Spine Tumors in a middle income country - Lessons learned** **Juan Manuel Rodriguez Gil** | Medilaser Clinic | Colombia
15:35 - 15:45	**Title: EOS Low-Dose Radiation Imaging for Spinal Deformity: The new gold standard** **Liam Rose** | St George's University Hospital | UK
15:45 - 15:55	**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
15:55 - 16:05	**Title: The resurgence of CT Myelogram using HRCT with dynamic oblique reconstruction in the age of MRI** **Keyur Kantilal Akbari** | Apollo Hospitals | India
16:05 - 16:15	**Title: Role of surgery in the management of Spinal Haematological Malignancies. Single centre experience and review of literature** **Mohamed Abdelrahman Abdalla** | St George's University Hospital | UK

Networking, Refreshments and Exhibition Area 16:15 - 16:45 @ Foyer Area

16:45 - 16:55	**Title: Cost-effectiveness of Vancomycin powder for deep wound infection prophylaxis in Spine Fusion** **Jorge Alvaro Gonzalez Ross** | Reespalda – Puerta de Hierro Hospital | Mexico
16:55 - 17:05	**Title: The results of Microsurgical Resection of the Lumbar Synovial Cyst without Arthrodesis** **Fernando Luiz Rolemberg Dantas** | Biocor Hospital | Brazil
17:05 - 17:15	**Title: A 2-year retrospective study of data from a Regional Spine Centre to evaluate staff and patients compliance regarding data entry to the British Spinal Registry** **Emily Tsang** | St George's University Hospital NHS Trust | UK
17:15 - 17:25	**Title: Serratus Plane Catheter for pain relief in Anterior Spinal Surgery for Idiopathic Scoliosis** **Emily Tsang** | St George's University Hospital NHS Trust | UK

Panel Discussion

Session on: Orthopedics Surgery and Orthopaedic Trauma

Session Chair: Munaf A Hatem | Peaceland Medical service | Oman

Session Introduction

17:25 - 17:35

Title: Atraumatic Bilateral Acute Compartment Syndrome (ABACS): A review of literature

Govind Dhillon | Lister Hospital | UK

17:35 - 17:45

Title: REACT! – A simple algorithm + educational video to assist in early management of Extravasation Injuries

Joseph Muscat | Lister Hospital | UK

17:45 - 17:55

Title: Influence of anesthesia on harvesting the semitendinosus tendon for ACL replacement

Kim Borsky | Oxford School of Surgery | UK

17:55 - 18:10

Title: Choosing the right graft for anterior cruciate ligament repair: 3-year results from a prospective cohort study

Kim Borsky | Oxford School of Surgery | UK

Panel Discussion

Certificates and Award Presentations

Thanks Giving & Closing Ceremony

