Scientific Program

This is the scientific program for ISASS16 and is subject to change before the conference. This document is current as of December 14, 2015.

Wednesday, April 6, 2016

8:00 - 10:30 am - General Session: MIS-1

Moderator(s): Massimo Balsano, MD; James Yue, MD

8:00 am - 8:04 am 220 Does poor post-op Sagittal Vertical Alignment directly correlate with poor functional outcomes in patients with Circumferential Minimally Invasive correction of Adult Spinal Deformity?
Speaker: N. Anand
Authors: N. Anand(1), B. Khandehroo(1), J. Cohen(1), R. Cohen(1), E. Baron(1), S. Kahway(1)
(1)Cedars-Sinai Medical Center, Spine Center, Los Angeles, CA, United States

8:05 am - 8:09 am 608 Effects of Intraoperative Anesthetic Medications on Postoperative Urinary Retention after Single Level Lumbar Fusion
Speaker: K. Singh
Authors: B. Mayo(1), D. Massel(1), P. Louie(1), D. Bohl(1), S. Iantorno(1), J. Ahn(1), E. Tabaraee(2), K. Singh(1)
(1)Rush University Medical Center, Orthopaedic Surgery, Chicago, IL, United States, (2)Stanislaus Orthopaedics, Modesto, CA, United States

8:10 am - 8:14 am 377 Radiographic analysis of indirect neural decompression for central canal stenosis following lateral lumbar interbody fusion (LLIF) Estimation of cutoff value for additional decompression
Speaker: S-J. Park
Authors: S-J. Park(1), C-S. Lee(1), S-S. Chung(1), J-H. Kim(1), J-S. Kim(1)
(1)Samsung Medical Center, Sungkyunkwan University, School of medicine, Orthopedic Surgery, Seoul, Korea, Republic of

8:15 am - 8:19 am 34 Clinical and Radiographic Parameters Associated with Best vs. Worst Clinical Outcomes in Minimally Invasive Deformity Surgery
Speaker: P. Park
(1)University of California, San Francisco, San Francisco, CA, United States, (2)University of Michigan, Ann Arbor, MI, United States, (3)Weill Cornell, New York, NY, United States, (4)San Diego Center for Spinal Disorders, San Diego, CA, United States, (5)University of Miami, Miami, FL, United States, (6)University of Virginia, Charlottesville, VA, United States, (7)Rocky Mountain Orthopaedics, Denver, CO, United States, (8)University of South Florida, Tampa, FL, United States, (9)University of Pittsburgh Medical Center, Pittsburgh, PA, United States, (10)Scripps Clinic, La Jolla, CA, United States

8:20 am - 8:24 am 416 Fusion Rates and Predictive Factors for Pseudarthrosis Following Minimally Invasive Transforaminal Lumbar Interbody Fusion using BMP or Stem Cell Fusion Adjuncts
Speaker: S. Overley
Authors: S. Overley(1), S. McAnany(2), M. Anwar(1), A. Lovy(1), J. Guzman(1), D. Alicea(1), S. Qureshi(1)
(1)The Mount Sinai Hospital, Orthopaedic surgery, New York, NY, United States, (2)Emory University, Orthopaedic Surgery, Atlanta, GA, United States

8:25 am - 8:34 am Discussion

8:35 am - 8:39 am 35 Comparison of Early and Late Complications after Circumferential Minimally Invasive and Hybrid Surgery for Adult Spinal Deformity
Speaker: N. Anand
11:15 am - 11:19 am  
**244 The Effects of Forward Head Posture on the Suboccipital Triangle Region**  
Speaker: O. Kalmanson  
Authors: O. Kalmanson(1), S. Khayatzadeh(2), A. Germanwala(2,3), R. Havey(2), L. Voronov(2,4), A. Patwardhan(2,4)  
(1)Loyola University Chicago, Stritch School of Medicine, Maywood, IL, United States, (2)Edward Hines Jr. VA Hospital, Hines, IL, United States, (3)Loyola University Chicago, Neurological Surgery, Maywood, IL, United States, (4)Loyola University Chicago, Orthopaedic Surgery and Rehabilitation, Maywood, IL, United States

11:20 am - 11:29 am  
**Discussion**

11:30 am - 11:34 am  
**398 Biomechanical Evaluation of Lumbar Decompression Adjacent to Instrumented Segments**  
Speaker: P. Grunert  
Authors: P. Grunert(1,2), P.M. Reyes(3), A.G.U.S. Newcomb(3), B. Kelly(3), R. Härtl(1)  
(1)Weill Cornell Medical College, Neurosurgery, New York, NY, United States, (2)Medical University of Vienna, Neurosurgery, Vienna, Austria, (3)Barrow Neurological Institute, Neurosurgery, Phoenix, AZ, United States

11:35 am - 11:39 am  
**130 Biomechanical Analysis of S2AI Fixation in Long Posterior Fusion Constructs**  
Speaker: C. Sutterlin  
Authors: C. Sutterlin(1), A. Field(2,3), A. Freeman(4), L. Ferrara(5)  
(1)LifeHealthCare, Sydney, NSW, Australia, (2)Auckland City Hospital, Auckland, New Zealand, (3)Starship Children’s Hospital, Auckland, New Zealand, (4)Fortus Medical, Minneapolis, MN, United States, (5)OrthoKinetic Technologies, Southport, NC, United States

11:40 am - 11:44 am  
**419 In Situ Motions of Subaxial Cervical Segments During Side-to-Side Head-Neck Axial Rotation**  
Speaker: J. Goodsitt  
Authors: J. Goodsitt(1), S. Khayatzadeh(1), L. Voronov(1,2), R. Havey(1,2), A. Patwardhan(1,2)  
(1)Edward Hines Jr. VA Hospital, Research, Hines, IL, United States, (2)Loyola University Chicago, Orthopaedic Surgery and Rehabilitation, Maywood, IL, United States

11:45 am - 11:49 am  
**161 Biomechanical Assessment of Gradual Stabilization Using Semi-rigid Fixation in the Thoracolumbar Spine**  
Speaker: I. Cheng  
(1)Stanford University, Orthopaedic Surgery, Palo Alto, CA, United States, (2)University of Michigan, Ann Arbor, MI, United States, (3)Stanford University, Palo Alto, CA, United States, (4)Globus Medical, Audubon, PA, United States, (5)Globus Medical, Musculoskeletal Education and Research Center, Audubon, PA, United States

11:50 am - 12:00 am  
**Discussion**

12:00 pm - 1:00 pm - Lunch on Own

1:00 pm - 2:25 pm - General Session: MIS -2

Moderator(s): Yu-Po Lee, MD; Michael Wang, MD

1:00 pm - 1:04 pm  
**222 The incidence of Proximal Junctional Kyphosis (PJK) in Patients Undergoing Circumferential Minimally Invasive Surgery (cMIS) for Adult Spinal Deformity (ASD) – A 7 year experience**  
Speaker: N. Anand  
Authors: N. Anand(1), J. Cohen(1), R. Cohen(1), B. Khandehroo(1), E. Baron(1), S. Kahwaty(1)  
(1)Cedars-Sinai Medical Center, Spine Center, Los Angeles, CA, United States

1:05 pm - 1:09 pm  
**198 Alerts for femoral nerve monitoring during transpsoas lateral lumbar interbody fusion procedures**  
Speaker: J.W. Silverstein  