

**Saturday, March 16, 2019**  
**Venetian/Sands Expo**  
**Room 3401**  
**8:00 am – 4:57 pm**



## Federation of Spine Associations

American Spinal Injury Association  
 Cervical Spine Research Society  
 North American Spine Society  
 Scoliosis Research Society

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the American Academy of Orthopaedic Surgeons and the Federation of Spine Associations. The American Academy of Orthopaedic Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

### General Information

#### Description

The FOSA Specialty Day offers a unique forum from our four premier spine societies, ASIA, CSRS, NASS, and SRS, to exchange ideas regarding basic science and clinical problems of the spine. Hot topics and clinically relevant information in spine surgery, along with the latest advances in spine care, and current concepts in the diagnosis and management of spinal disorders, will be presented by a faculty of experts.

This year's program is no exception featuring an interactive educational format which includes lectures, case-based presentations, and lively debate.

#### Program Chairs

ASIA: Jacob M. Buchowski, MD and Addisu Mesfin, MD

CSRS: Michael C. Gerling, MD

NASS: John G. Finkenberg, MD and Zoher Ghogawala, MD, FACS

SRS: Douglas C. Burton, MD and Suken A. Shah, MD

#### Educational Objectives

- To present a common forum for the four spine societies (American Spinal Injury Association, Cervical Spine Research Society, North American Spine Society and Scoliosis Research Society) to exchange ideas regarding basic science and clinical problems of the spine.
- To discuss current concepts in diagnosis and management of spinal disorders in the form of case presentations, debate, roundtable discussions, free papers, and instructional presentations.
- To update the review of clinical and surgical results as well as complications.

#### Accreditation

##### Credit Hours

7.0 AMA PRA Category 1 Credits™.

8:00 am – 8:05 am **Welcome and Report of the President**  
*Douglas C. Burton, MD, President*

**8:05 am – 9:50 am Section I – Scoliosis Research Society**

**Moderators:** *Ronald A. Lehman, Jr., MD and Suken A. Shah, MD*

8:05 am – 8:08 am Introduction  
*Ronald A. Lehman, Jr., MD and Suken A. Shah, MD*

8:08 am – 8:14 am Non Operative Treatment for Pediatric Scoliosis: An Update  
*Suken A. Shah, MD*

8:14 am – 8:22 am	Operative Treatment for Pediatric Scoliosis: Current Concepts and Innovations <i>Burt Yaszay, MD</i>
8:22 am – 8:40 am	Pediatric Deformity Roundtable: Case Presentations of Key Principles <i>James O. Sanders, MD; Paul D. Sponseller, MD; Matthew Oetgen, MD, MBA</i>
8:40 am – 8:48 am	When Does an Adult Degenerative Spine Case Become a Deformity Case? <i>Todd J. Albert, MD</i>
8:48 am – 8:56 am	Highlights of Preoperative Planning for Complex Adult Spinal Deformity <i>Rajiv K. Sethi, MD</i>
8:56 am – 9:16 am	<b><i>Debate on the Decision Tree and Technique of Sagittal Plane Reconstruction in Adult Spinal Deformity (With Particular Attention to the Interbody Space)</i></b>  1. Posterior Only Deformity Correction with PCO & TLIF <i>Han Jo Kim, MD</i> 2. Lateral Reconstruction with LIF & OLIF <i>Neel Anand, MD</i> 3. Anterior Interbody Reconstruction – MIS or Open <i>Gregory J. Mundis, MD</i> 4. Debate Summary, Key Points and My Preferred Technique <i>Douglas C. Burton, MD</i>
9:16 am – 9:25 am	RoboNav in Spinal Deformity Surgery: Is it Better, Safer and Cheaper? <i>Ronald A. Lehman, Jr., MD</i>
9:25 am – 9:50 am	Adult Spinal Deformity Case Presentations (With Emphasis on Prevention/Management of Complications) <i>Todd J. Albert, MD; Neel Anand, MD; Han Jo Kim, MD; Eric O. Klineberg, MD; Gregory J. Mundis, MD</i>

9:50 am – 10:15 am Break

<b>10:15 am – 11:40 am</b>	<b>Section II – Cervical Spine Research Society</b>	2:20 pm – 2:35 pm	Preoperative Multimodal Analgesia to Decrease Narcotic Consumption in Elective Spinal Fusion Patients <i>Max R. Haffner, MD</i>
	<b>Moderator:</b> <i>Michael C. Gerling, MD</i>		
10:15 am – 11:40 am	CSRS “ON-CALL”	2:35 pm – 2:45 pm	Discussion
10:15 am – 10:20 am	Introduction <i>Michael C. Gerling, MD</i>	2:45 pm – 3:05 pm	Break
10:20 am – 10:30 am	Introduction to Common Presentations and Work Up of Symptomatic Cervical Lesions <i>Peter G. Whang, MD</i>	<b>3:05 pm – 4:47 pm</b>	<b>Section IV – American Spinal Injury Association</b>
10:30 am – 10:45 am	Treatment of Metastatic Cervical Tumors <i>Timothy A. Moore, MD</i>		<b>Moderators:</b> <i>Jacob M. Buchowski, MD and Addisu Mesfin, MD</i>
10:45 am – 11:00 am	Treatment of Primary Cervical Tumors <i>Peter G. Passias, MD</i>	3:05 pm – 3:10 pm	Introduction
11:00 am – 11:15 am	Cervical Epidural Abscess and Infection <i>Brandon D. Lawrence, MD</i>	3:10 pm – 3:25 pm	Update on Novel Therapeutics and Clinical Trials on Spinal Cord Injury <i>Michael G. Fehlings, MD</i>
11:15 am – 11:30 am	Optimization and the Compromised Patient with Acute Myelopathy <i>Robert A. Hart, MD</i>	3:25 pm – 3:35 pm	<b>Spinal Cord Syndromes</b> Update on the Management of Central Cord Syndrome <i>TBD</i>
11:30 am – 11:40 am	Panel Discussion	3:35 pm – 3:45 pm	Discussion
11:40 am – 1:00 pm	Lunch	3:45 pm – 3:52 pm	Diagnosing Cauda Equina Syndrome Versus Conus Medularis Syndrome <i>Emmanuel N. Menga, MD</i>
<b>1:00 pm – 2:40 pm</b>	<b>Section III – North American Spine Society</b>	3:52 pm – 4:00 pm	Brown Sequard Syndrome and Penetrating Trauma <i>Joseph P. Gjolaj, MD</i>
	<b>Moderators:</b> <i>John G. Finkenberg, MD and Zoher Ghogawala, MD, FACS</i>	4:00 pm – 4:05 pm	Discussion
1:00 pm – 1:15 pm	Effect of Spinal Decompression on Back Pain in Lumbar Spinal Stenosis: Canadian Spine Outcomes Research Network Registry <i>Alexandra Soroceanu, MD</i>	4:05 pm – 4:13 pm	<b>Spinal Cord Injury in the Hyperostotic Spine</b> Management of Cervical Spine Cord Injury in the Stiff Spine <i>Kristen E. Radcliff, MD</i>
1:15 pm – 1:20 pm	Discussion	4:13 pm – 4:23 pm	<b>Debate - Thoracolumbar Spinal Cord Injury in the Ankylosed Spine</b> Open Stabilization and Decompression <i>TBD</i>
1:20 pm – 1:35 pm	Anterior Reconstruction Provides Better Outcomes When Correcting Mild Flexible Cervical Deformity <i>Robert K. Eastlack, MD</i>	4:23 pm – 4:31 pm	Minimally Invasive Stabilization with/without Decompression <i>Addisu Mesfin, MD</i>
1:35 pm – 1:40 pm	Discussion	4:31 pm – 4:36 pm	Discussion
1:40 pm – 1:55 pm	Spinopelvic Compensatory Mechanisms for Reduced Hip Motion (ROM) in the Setting of Hip Osteoarthritis <i>Aaron J. Buckland, MD</i>	4:36 pm – 4:44 pm	<b>Immediate Post-Operative Management of the Spinal Cord Injury Patient</b> DVT Prophylaxis: When to Initiate and for How Long? <i>Ahmad Nassr, MD</i>
	Intravenous and Oral Tranexamic Acid are Equivalent at Reducing Blood Loss in Thoracolumbar Spinal Fusion: A Prospective Randomized Trial <i>Charles Yu, MD</i>	4:44 pm – 4:52 pm	MAP Goals: Duration and Side Effects <i>Hamid Hassanzadeh, MD</i>
1:55 pm – 2:00 pm	Discussion	4:52 pm – 4:57 pm	Discussion
2:00 pm – 2:15 pm	Patients Comparison of MIS and Open TLIF in the Treatment of Single Level Lumbar Degenerative Diseases with a Minimum of 6-Years Follow-up <i>Ding-Jun Hao, MD</i>	4:57 pm	Adjourn <i>Douglas C. Burton, MD</i>
2:15 pm – 2:20 pm	Discussion		