8:00 am – 8:05 am Welcome and Report of the President
Michael D. Daubs, MD, President

Section I – North American Spine Society

Moderator: Mark F. Kurd, MD
Expert Panel and Audience Case Discussion
Panel: Kern Singh, MD, Kristen Radcliff, MD and Peter G. Wang, MD

Case Presentations
8:25 am – 8:45 am Case 2: Degenerative Spondylolisthesis with Adjacent Level Stenosis Include Adjacent Stenotic Levels in Fusion? Decompress Adjacent Levels Only Discussion: Factors Affecting Surgical Decision-Making
8:45 am – 9:15 am Case 3: L5-S1 Low Grade Adult Isthmic Spondylolisthesis Anterior Surgery Alone Anterior and Posterior Fusion Posterior Fusion with Interbody Who Needs a Direct Decompression? Discussion

Section II – American Spinal Injury Association

Moderators: Dirk A. Alander, MD and Jacob M. Buchowski, MD
9:25 am – 9:35 am Cervical Extension Fractures in the Older Patient Population
9:35 am – 9:45 am Peripheral Nerve Transfers in the Spinal Cord Injury
9:45 am – 9:55 am Questions and Discussion

Debate
9:55 am – 10:05 am Open Reduction and Fusion in Thoracolumbar Fractures with Spinal Cord Injury
10:05 am – 10:15 am Percutaneous Reduction and Stabilization for Thoracolumbar Fractures with Spinal Cord Injury
10:15 am – 10:25 am Questions and Discussion

10:25 am – 10:40 am Break

Section III – Scoliosis Research Society

Moderator: Theodore J. Choma, MD and John R. Dimar, II, MD
10:40 am – 10:50 am Defining Early Onset Scoliosis: Looking Behind the Curve Sukan A. Shah, MD
10:50 am – 11:00 am State of the Art Treatment of Adolescent Idiopathic Scoliosis Peter O. Newton, MD
11:00 am – 11:10 am Questions
11:10 am – 11:20 am Application of Risk Stratification When Planning Adult Deformity Correction Rajiv K. Sethi, MD
11:20 am – 11:40 am Pelvic Parameter’s Application to Proper Sagittal Plane Correction Stefan Parent, MD
11:40 am – 11:50 am What Does the Degenerative Surgeon Needs to Know to Prevent Creating Deformity? Sigurd H. Berven, MD
11:50 am – 12:00 pm Case Presentation: Treatment of Sequential Proximal Juncional Failure
12:00 pm – 1:00 pm Lunch
Section IV – Cervical Spine Research Society

**Moderator:** Alpesh A. Patel, MD

**Adjacent Level Disease in Cervical Spine Surgery**

1:00 pm – 1:05 pm

**Introduction:**
*Alpesh A. Patel MD*

1:05 pm – 1:35 pm

**Lectures:** Predictors of Adjacent Segment Disease in the Cervical Spine
*Todd J. Albert, MD*

Can We Surgically Prevent Adjacent Segment Disease?
*Alexander R. Vaccaro, MD, PhD*

1:35 pm – 1:45 pm

**Discussion**

1:45 pm – 2:30 pm

**Case Presentations**

*The Panel:* Alpesh A. Patel, MD, Rick C. Sasso, MD, Todd J. Albert, MD, Alexander R. Vaccaro, MD

One Level vs. Two Level Disease
*Alpesh A. Patel, MD*

Two Level Disease – ACDF vs. TDR
*Rick C. Sasso, MD*

Crossing the C-T Junction Posteriorly
*Alpesh A. Patel, MD*

2:30 pm – 2:45 pm

**Break**

Section V – Lumbar Spine Research Society

**Moderator:** TBD

Spondylolisthesis – Case presentation

2:45 pm – 2:54 pm

Debate Isthmic Spondylolisthesis Anterior?
*Thomas A. Zdeblick, MD*

2:54 pm – 3:03 pm

Debate Isthmic Spondylolisthesis Posterior In Situ?
*Rick C. Sasso, MD*

3:03 pm – 3:12 pm

Debate Isthmic Spondylolisthesis Posterior Reduction?
*Sigurd H. Berven, MD*

3:12 pm – 3:20 pm

**Discussion**

Trauma

3:20 pm – 3:30 pm

Classification: Does TLICS Work for Low Lumbar and Sacral Fractures?
*Paul A. Anderson, MD*

3:30 pm – 3:40 pm

Thoracolumbar Fractures (T10- Sacrum)
*Timothy A. Moore, MD*

3:40 pm – 3:50 pm

MIS and Fusionless Fracture Stabilization
*Seth K. Williams, MD*

3:50 pm – 4:00 pm

**Discussion**

Section VI – International Society for the Advancement of Spine Surgery

**Moderator:** Frank M. Phillips, MD

New Technologies: Hype or Value?

4:00 pm – 4:06 pm

**Expandable Interbody Cages**
*R. Todd Allen, MD*

4:06 pm – 4:12 pm

**Inter-spinous/Laminar Devices for Lumbar Stenosis**
*Richard D. Guyer, MD*

4:12 pm – 4:18 pm

**Fusion Biologics – Claims, Claims and More Claims. What is the Evidence?**
*Hyun Bae, MD*

4:18 pm – 4:24 pm

**Discussion**

**Moderator:** Richard D. Guyer, MD

**Debate 1:** Lateral Lumbar Interbody Fusion at L4-5 is Unsafe and Unproven.

4:24 pm – 4:30 pm

Unsafe, Unproven:
*Alexander R. Vaccaro, MD, PhD*

4:30 pm – 4:36 pm

**Evidence Based:**
*Frank M. Phillips, MD*

4:37 pm – 4:43 pm

**Discussion**

**Debate 2:** Deformity Surgery for Degenerative Pathology is a Way to Place 20 Screws, 2 Rods, Loads of Biologics and Fund Your Retirement.

4:44 pm – 4:50 pm

**Pro Surgery:**
*Gregory M. Mundis, MD*

4:45 pm – 4:51 pm

**Con Surgery:**
*Kern Singh, MD*

4:51 pm – 4:57 pm

**Discussion**

Adjourn

Federation of Spine Associations