Section I – North American Spine Society

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

Case Presentations
8:05 am – 8:25 am
Case 1: Severe Cervical Stenosis without Myelopathy:
Argument of Observation
Argument for Surgery
Discussion: If and When to Recommend Surgery.

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

9:15 am – 9:25 am
Peripheral Nerve Transfers in Spinal Cord Injury Rehabilitation
Wilson Z. Ray, MD

9:25 am – 9:35 am
Cervical Extension Fractures in the Older Patient Population
Mark L. Prasarn, MD

9:35 am – 9:45 am
Review of Clinical Spinal Cord Injury Trials
Philip M. Sinatra, MD

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
Jacob M. Buchowski, MD

10:05 am – 10:15 am
Percutaneous Reduction and Stabilization for Thoracolumbar Fractures with Spinal Cord Injury
Lukas P. Zebala, MD

10:15 am – 10:25 am
Questions and Discussion

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
Suken 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 Junctional Failure  
Panel

12:00 pm – 1:00 pm  Lunch Break

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, PhD

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: Louis G. Jenis, MD

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?
Alexander R. Vaccaro, MD, PhD

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: Isaac Moss, 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.

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

Evidence Based:  
Isaac Moss, MD

4:24 pm – 4:30 pm

4:30 pm – 4:36 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.

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

Con Surgery:  
Kern Singh, MD

4:44 pm – 4:50 pm

4:51 pm – 4:57 pm

Discussion

3:20 pm – 3:30 pm  Classification: Does TLICS Work for Low Lumbar and Sacral Fractures?
Alexander R. Vaccaro, MD, PhD

5:05 pm

4:58 pm – 5:04 pm

Discussion

5:05 pm

Adjourn