



Morning coffee service and a boxed lunch will be served to all registered attendees.

ACCREDITATION

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship 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.

OBJECTIVES

- To present a common forum for the four Federation Societies (Cervical Spine Research Society, North American Spine Society, Scoliosis Research Society and American Spinal Injury Association) 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 symposia, free papers, debates and instructional presentations.
- To update the review of clinical and surgical results as well as complications.

CME CREDIT

The American Academy of Orthopaedic Surgeons designates this educational activity for a maximum of 8.25 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

8:46–8:56 am

Posterior Decompression and Reconstruction

John G. Heller, MD

8:57–9:07 am

Discussion

Complications: Avoidance and Management

Moderator: James D. Kang, MD

9:08–9:18 am

Neurologic Decline

Bradford L. Currier, MD

9:19–9:29 am

Construct Failure

Darrel S. Brodke, MD

9:30–9:40 am

Structure Around the Spine (vertebral artery, dysphagia, dysphonia, etc)

Michael J. Lee, MD

9:41–9:51 am

BMP Use Issues

Jeffrey S. Fischgrund, MD

9:51–10:01 am

Discussion

10:01–10:16 am

Break

7:55–8:05 am

Welcome and Report of the President

Rick C. Sasso, President

SECTION I–CERVICAL SPINE RESEARCH SOCIETY

Adjacent Segment Degeneration: Pathophysiology and Influence of Surgery

Moderator: Frank M. Phillips, MD

8:05–8:07 am

Case Presentation

Frank M. Phillips, MD

8:08–8:16 am

It's all Biomechanics

Avinash G. Patwardhan, PhD

8:17–8:25 am

It's all Genetics

F. Todd Wetzel, MD

8:26–8:34 am

Discussion

What's New, What Works, What Doesn't?

Moderator: Sanford E. Emery, MD

8:35–8:45 am

Anterior Decompression and Reconstruction

Jeffrey C. Wang, MD

10:16–10:31 am

Clinical Guidelines and Indications for Surgical Treatment of Symptomatic Degenerative Disc Disease

Jens R. Chapman, MD

10:32–10:40 am

Discussion

10:40–10:55 am

Clinical Guidelines and Indications for Surgical Treatment of Symptomatic Lumbar Spinal Stenosis

Darrel S. Brodke, MD

10:55–11:03 am

Discussion

11:03–11:18 am

Clinical Guidelines and Indications for Degenerative Spondylolisthesis: How does it drive surgical decision making

Jeffrey C. Wang, MD

11:18–11:26 am

Discussion

11:26–11:41 am

The Case for Pedicle-Based Posterior Motion Preservation

Alexander R. Vaccaro, MD, PhD

11:41–11:55 am	Discussion	2:30–2:40 pm	Late Decompression <i>Rick C. Sasso, MD</i>
11:56 am–12:10 pm	Box Lunch Service	2:40–2:45 pm	Discussion
	LUNCHTIME PROGRAM	2:45–3:00 pm	What is the Best Outcome Assessment Tool in Spinal Trauma? <i>Charles C. Fisher, MD</i>
	Cervical Disc Replacement Symposium: <i>Moderator: Rick C. Sasso, MD</i>	3:00–3:05 pm	Discussion
12:00–12:20 pm	Overview: What's out there? <i>Todd Albert, MD</i>	3:05–3:15 pm	Break
12:20–12:30 pm	What are the Differences Between Types of Disc Replacements in Terms of Materials, Degree of Constraint and Way They are Implanted? <i>Paul A. Anderson, MD</i>		SECTION IV–SCOLIOSIS RESEARCH SOCIETY
12:30–12:40 pm	What have the IDE Studies Shown Us? <i>Rick C. Sasso, MD</i>		Debate: Non Fusion vs Fusion for Spine Deformity <i>Moderator: Joseph H. Perra, MD</i>
12:40–12:50 pm	Complications Avoidance and Management <i>K. Daniel Riew, MD</i>	3:15–3:35 pm	Non Fusion <i>Charles H. Rivard, MD and John T. Braun, MD</i>
12:50–1:00 pm	What will the Future Look Like? <i>Frank M. Phillips, MD</i>		Fusion <i>Paul D. Sponseller, MD and John P. Dormans, MD</i>
1:00–1:10 pm	Discussion	3:35–3:41 pm	Discussion
1:10–1:20 pm	Break		Debate: Posterior Pedicle Fixation vs Posterior Hybrid Construct for Spine Deformity Treatment <i>Moderator: Allen L. Carl, MD</i>
	SECTION III–AMERICAN SPINAL INJURY ASSOCIATION		Hybrid Constructs <i>Baron Lonner, MD</i>
	<i>Moderator: Jeffrey Rihn, MD and Alexander R. Vaccaro, MD, PhD</i>	3:41–4:01 pm	Pedicle Constructs <i>TBD</i>
1:20–1:35 pm	Cervical Facet Fractures: What are the Real Indications for Surgery? <i>Marcel Dvorak, MD, FRCS(C)</i>	4:01–4:07 pm	Discussion
1:35–1:40 pm	Discussion	4:07–4:27 pm	Debate: Sacral Fixation Adult <i>Moderator: Andrew A. Merola, MD</i>
1:40–1:55 pm	Thoracolumbar Trauma: What are the New Trends in Treatment (Fixation without Fusion, Percutaneous Techniques) <i>Kornelis A. Polestra, MD</i>		Posterior Alone <i>Steven M. Mardjetko, MD</i>
1:55–2:00 pm	Discussion		Anterior /Posterior <i>Khaled Kebaish, MD</i>
2:00–2:15 pm	Update on Pharmacological and Biological Therapies for Spinal Cord Injury <i>Brian K. Kwon, MD</i>	4:27–4:33 pm	Discussion
2:15–2:20 pm	Discussion	4:33–4:53 pm	Future Direction of Spinal Deformity Research and Care <i>John T. Braun, MD</i>
	Debate: Timing of Decompression for Spinal Cord Injury Reflecting on the STASCIS Experience	4:53–4:59 pm	Discussion
2:20–2:30 pm	Early Decompression <i>TBD</i>	5:00 pm	Adjourn