



CEDARS-SINAI
SPINE CENTER

Sponsors

10th Annual Symposium on Current Concepts in Spinal Disorders 2011

A conference for orthopaedic surgeons, neurosurgeons, physical medicine and rehabilitation physicians, pain management physicians, physician assistants, residents, fellows, nurses and other healthcare providers interested in the surgical treatment of spinal disorders.

February 3 – 5, 2011

Bellagio Hotel

3600 Las Vegas Boulevard, South
Las Vegas, Nevada 89109

For further information, please contact Cedars-Sinai Medical Center, the Office of Continuing Medical Education at (310) 423-5548.

Keynote Speakers:

Oheneba Boachie-Adjei, MD, Chief of Scoliosis Service, New York Presbyterian Hospital

Jay Gellert, President, CEO and Director, Health Net, Inc.

Hallett H. Mathews, MD, Vice President - Chief Medical Officer, Medtronic Inc.

Clive Svendsen, PhD, Director, Cedars-Sinai Regenerative Medicine Institute

THURSDAY, FEBRUARY 3, 2011

Session I - Healthcare Economics

Moderator: Rick Delamarter, MD

6:00 PM	Welcome and Introduction	Rick Delamarter, MD
6:30	Dinner and Keynote Speaker - Healthcare Economics	Jay Gellert, President, CEO and Director, Health Net, Inc.
7:00	Keynote Speaker - Healthcare Economics - A Surgeons Perspective	Stephen Hochschuler, MD
7:30	Question and Answer Session	
8:00	Small Group Attendee Case Presentations and Review	Cedars-Sinai Spine Center Panel

FRIDAY, FEBRUARY 4, 2011

Session II - Spine Regenerative Technologies

Moderator: Hyun Bae, MD

7:30 AM	Stem Cell Imaging in Spinal Diseases: Tracking, Fate and Therapy	Dan Gazit, PhD, DMD
7:40	Genetic Markers for Disc Degeneration	David Kim, MD
7:50	Stem Cells in Intervertebral Disk: Role in Pathogenesis and Potential Therapy	Zulma Gazit, PhD
8:00	BMP in Spinal Surgery: A Critical Analysis	Hyun Bae, MD
8:10	Early Results From Korea Stem Cell Trial for Spinal Cord Injury	Do Heum Yoon, MD
8:20	Discussion and Expert Panel	Oheneba Boachie-Adjei, MD Hansen Yuan, MD David Bradford, MD
8:40	Keynote Speaker- Spinal Cord Delivery of Stem Cells for ALS	Clive Svendsen, MD
9:10	Question and Answer Session	
9:25	Break	

Session III - Minimally Invasive Surgeries

Moderator: John Liu, MD

9:45	Lateral Approach - Nerve Injury and Avoidance	William Taylor, MD
9:55	Minimally Invasive Lateral Applications in Spinal Deformity	John Liu, MD
10:05	Application of MIS in Spinal Trauma	James Schwender, MD
10:15	Neuroanatomy and Neuromonitoring - What You Should Know	Timothy Davis, MD
10:25	The Rationale for MIS: Key Biologic Concepts	Choll Kim, MD
10:35	Lamina / Spinous Process Plating for Intralaminar Fusions	Justin Field, MD
10:45	Debate: MIS Surgery is the Future: A Look at the Evidence	Khawar Siddique, MD

Course Description

The 10th Annual Symposium on Current Concepts in Spinal Disorders will focus on current treatment methodology, new and emerging technologies, and controversies in spine care management. The faculty will be comprised of internationally recognized experts who will present lectures focusing on the new healthcare reform bill, frontier technologies, biologics and stem cells, minimally invasive surgeries, motion preservation, complications and controversies, and deformities and pain management. Participants will have several opportunities for discussion and are encouraged to join faculty for discussions and debates regarding all our topics.

Target Audience

This educational activity is intended for orthopaedic surgeons, neurosurgeons, physical medicine and rehabilitation physicians, pain management physicians, physician assistants, residents, fellows, nurses and other healthcare providers interested in the surgical treatment of spinal disorders.

Educational Objectives

- Identify key aspects of current federal health care policy.
- Identify short term and long term changes that are needed in physician practices.
- Describe how quality metrics will be analyzed by the government to evaluate performance and outcomes.
- List the biologic technologies that may be used in spinal surgery, identify their benefits of use and appropriately apply them in practice to improve patient outcomes.
- Label new technologies and describe patients who would benefit from these technologies.
- Define the parameters of minimally invasive surgical techniques and identify patients who would benefit from these procedures.
- Discuss controversies, benefits and risks associated with artificial disc replacement, and choose potential treatments for enhanced patient outcomes.
- Discuss the techniques used to minimize and/or avoid complications from pre-operative diagnostic strategies to peri- and post-operative damage control.
- Describe the numerous pain management methods employed by spinal surgeons, including interventional management and evidence-based procedural approaches.

Accreditation Statement

Cedars-Sinai Medical Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Credit Designation Statement

Cedars-Sinai Medical Center designates this educational activity for a maximum of 13.0 *AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Nurses

The California and Nevada State Board of Registered Nursing accepts courses approved by the ACCME for category 1 credit as meeting the educational requirements for license renewal.

American Academy of Physician Assistants Credit

This program is not yet approved for CME credit. Conference organizers plan to request 13 hours of *AAPA Category I CME credit* from the Physician Assistant Review Panel. Total number of approved credits yet to be determined.

Policy on Disclosure

It is the policy of Cedars-Sinai Medical Center to ensure balance, independence, objectivity, and scientific rigor in all of its educational activities. Cedars-Sinai Medical Center assesses conflict of interest with its faculty, planners and managers of CME activities. Conflicts of interest that are identified are resolved by reviewing that presenter's content for fair balance and absence of bias, scientific objectivity of studies utilized in this activity, and patient care recommendations.

While Cedars-Sinai Medical Center endeavors to review faculty content, it remains the obligation of each physician or other healthcare practitioner to determine the applicability or relevance of the information provided from this course in his or her own practice.

Acknowledgment of Commercial Support

Commercial support is pending for this symposium and will be acknowledged at the conference.

Faculty

Course Directors

Rick Delamarter, MD — Course Chairman

Orthopaedic Spine Surgeon
Vice-Chair for Spine Services
Department of Surgery
Co-Medical Director,
Cedars-Sinai Spine Center
Cedars-Sinai Medical Center

John C. Liu, MD — Course Chairman

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Hyun Bae, MD — Course Co-Chairman

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Neel Anand, MD — Course Co-Chairman

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Christopher J. Zarembinski, MD

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The Pain Center
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Guest Faculty

Oheneba Boachie-Adjei, MD

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William Taylor, MD

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SATURDAY, FEBRUARY 5, 2011

Session VI - Deformities

Moderator: David Bradford, MD

8:00 AM	Understanding the Genetics of Adolescent Idiopathic Scoliosis	James Ogilvie, MD
8:09	State of the Art Scoliosis Correction: What I Would Really Want for My Daughter	David Skaggs, MD
8:18	Surgical Planning for Adult Deformity	Michael Kropf, MD
8:27	When the Degenerative Surgery Becomes a Deformity Case	Serena Hu, MD
8:36	Posterior Osteotomies	Oheneba Boachie-Adjei, MD
8:45	Special Considerations for Instrumentation / Fusion in the Osteoporotic Spine	Frank Acosta, MD
8:54	Surgery with New Technologies - Case Presentations	Neel Anand, MD
9:03	Discussion and Expert Panel	Hansen Yuan, MD David Bradford, MD
9:13	Keynote Speaker - Spinal Care: A Journey with Another FOCUS	Oheneba Boachie-Adjei, MD
9:43	Discussion and Expert Panel	Hansen Yuan, MD David Bradford, MD
9:50	Break	

Session VII - Motion Preservation

Moderator: Rick Delamarter, MD

10:00	Multi-level Cervical Arthroplasty	Brian Perri, DO
10:09	Single Center Cost Analysis for ADR vs. Fusion in a Matched Patient Set	Jack Zigler, MD
10:18	Viscoelastic Disc Replacement	Isador Lieberman, MD
10:27	Artificial Disc: Extreme Cases	Rick Delamarter, MD
10:36	Lumbar TDR: Difficulties with Adoption 11 Years Later in the US	Richard Guyer, MD
10:45	Discussion and Expert Panel	Hansen Yuan, MD David Bradford, MD Oheneba Boachie-Adjei, MD

Session VIII - Pain Management

Moderator: Timothy Davis, MD

11:00	Changes in Medication Management - ePrescribe; DEA Reporting	Jason Berkley, DO
11:09	Challenges in Spinal Injections	Christopher Zarembinski, MD
11:18	Sacroiliac Joint: What Do We Know and How Can We Treat It?	David Fish, MD
11:27	Provocative Discography: History & Contention	Avrom Gart, MD
11:36	Update on Intradiscal Biologic Therapeutic Agents for Degenerative Intervertebral Discs	Michael Depalma, MD
11:45	Spinal Cord Stimulation for Failed Back Syndrome: An Evidence Based Review	Robert Levy, MD
11:54	Outcomes for Interventions for Discogenic Low Back Pain	Vijay Vad, MD
12:03 PM	Discussion, Expert Panel	Hansen Yuan, MD Oheneba Boachie-Adjei, MD