



CEDARS-SINAI®

SPINE CENTER

sponsors

13TH ANNUAL SYMPOSIUM ON CURRENT CONCEPTS IN SPINAL DISORDERS

JANUARY 30, 2014-FEBRUARY 1, 2014

COURSE DIRECTORS

NEEL ANAND, MD • HYUN BAE, MD • J. PATRICK JOHNSON, MD

COURSE CHAIRS

RICK DELAMARTER, MD • THEODORE GOLDSTEIN, MD

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LAS VEGAS, NEVADA

*For registration information and fees visit www.csmc.edu/cme
and click on CME courses.*

ACTIVITY INFORMATION

COURSE DESCRIPTION AND STATEMENT OF NEED

The 13th 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 focused on healthcare reform, innovations in spine surgeries, 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 topics.

TARGET AUDIENCE

This educational activity is intended for orthopedic surgeons, neurosurgeons, physiatrists, pain management physicians, fellows, residents, and other physicians and spine professionals interested in the treatment of spinal disorders.

EDUCATIONAL OBJECTIVES

- Describe how quality metrics will be analyzed by the government to evaluate performance and outcomes and understand when a specific treatment modality is indicated.
- Appraise the value of evidence-based medical care to achieve best patient outcomes.
- Identify short term and long term changes that are needed in physician practices in response to the new healthcare reform.
- Assess the principles behind treatment modalities for cell-based applications, growth factors, and targeting the basilovertbral nervous plexus as a source of back pain.
- Review and list the pros, cons, and specific evidence regarding today's newest, cutting edge biologic technologies that may be used in spinal surgery, and appropriately apply them in practice to improve patient outcomes.
- Identify future directions of treatment for spinal disorders such as degenerative disc disease, bony fusion and spinal cord injury.
- Define the parameters of minimally invasive surgical techniques and identify patients who would benefit from these procedures.
- Describe pertinent options for correction of spinal deformities to prevent significant functional and neurological impairment in the adult patient.
- Review current statistics for revision spine surgeries and apply current concepts for the treatment of acute cervical spine injury.
- Implement current advances in real time imaging to improve surgical and clinical outcomes.
- Analyze the risks and benefits associated with artificial disc replacement, and apply new techniques in practice to enhanced patient outcomes.
- Identify current outcome programs that were recently developed and are currently being used to develop nonoperative treatment plans for patients with spinal issues.
- 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 live activity for a maximum of 16 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

NURSES

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

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 for this conference is pending. Companies who support this CME activity with educational grants will be acknowledged at the conference.

AGENDA

THURSDAY, JANUARY 30, 2014

2:00-3:00PM Registration and Exhibit Hall

SESSION 1 **State of the Art and State of the Union in Spine Care**
Moderators: Theodore Goldstein, MD and Rick Delamarter, MD

3:00 PM Welcome
Theodore Goldstein, MD and Rick Delamarter, MD

3:10 PM The Sunshine Act: Facts, Fears, and Fictions
David Blake, PhD, JD

3:30 PM Succeeding in a New Era of Healthcare Reform
Scott Weingarten, MD, MPH

4:00 PM The Change From Fee For Service to Value Based Care for DDD:
How Are the Harvard Hospitals Preparing?
Christopher Gilligan, MD, MBA

4:20 PM Keynote Speaker: Quality in Spine Care:
Can We Afford It? Is Anyone Going to Pay for It?
David Polly, MD

5:00 PM Question and Answer

5:30 PM Dinner on your own

FRIDAY, JANUARY 31, 2014

7:00 AM Breakfast in Exhibit Hall

SESSION 2 **The Science Behind the Science Fiction (Biologics)**
Moderator: Hyun Bae, MD

7:30 AM Review of the Yoda Methodologies and Results
Wellington Hsu, MD

7:40 AM Is Caragee Wrong or Right? Does Yoda Support the Use of BMP?
Harvinder Sandhu, MD

7:50 AM What to Tell Your Patients. Informed Consent
Paul Santiago, MD

8:00 AM Panel Discussion and Question and Answer
Faculty Panelists

8:10 AM The Relationship between Serum Vitamin D Status and Successful Spinal Fusion
Melodie Metzger, PhD

8:20 AM Spinal Cord Injury Update
Alexandre Rasouli, MD

8:30 AM Stem Cells for Fracture Healing
Dan Gazit, PhD, DMD

8:40 AM Keynote Speaker: Translational Research in Spine
Howard An, MD

9:10 AM Panel Discussion and Question and Answer
Faculty Panelists

9:30 AM Break in Exhibit Hall

SESSION 3 **Minimally Invasive Surgeries & New Technologies**
Moderator: Neel Anand, MD

9:50 AM Are New Technologies and MIS Surgery Fiscally Viable Options
in the Coming Decade?
Frank Phillips, MD

10:00 AM How Do We Optimize the Use of Biologics in MIS Surgery?
Harvinder Sandhu, MD

10:10 AM MIS Surgery in 2013: What's the Evidence?
Eli Baron, MD

10:20 AM MIS Lateral Fusion - Anatomical Basis for the Approach
Russell Huang, MD

10:30 AM SI Joint Stabilization - What is the Role and Who is the Right Patient?
David Polly, MD

10:40 AM Panel Discussion and Question and Answer
Faculty Panelists

SESSION 4 **Lumbar Spine and Deformities**
Moderator: Neel Anand, MD

10:50 AM When Does the Degenerative Spine Become a Spinal Deformity Patient?
Sigurd Berven, MD

11:00 AM How Much Correction is Enough in the Adult Deformity Patient?
Christopher Shaffrey, MD

11:10 AM Stand Alone Lateral Fusion in Deformity - Is It Optimal?
Frank Phillips, MD

11:20 AM Lateral Fusion in Spinal Deformity - An Enabling or Disabling Technology?
Juan Uribe, MD

11:30 AM Limitations and Ceiling Effects of MIS Deformity Correction
Neel Anand, MD

11:40 AM Impact of Lumbosacral Anomalies on Outcomes in Spinal Deformity Surgery
Robert Pashman, MD

11:50 PM Panel Discussion and Question and Answer
Faculty Panelists

12:10 PM Lunch
Case Presentations: Cases to Whet Your Appetite
Theodore Goldstein, MD

12:50 PM	Question and Answer
SESSION 5	Cervical Spine and Deformities Moderator: J. Patrick Johnson, MD
1:00 PM	The Importance of Cervical Alignment in Overall Sagittal Balance <i>Sigurd Berven, MD</i>
1:10 PM	Management of Fixed Cervical Kyphosis <i>K. Daniel Riew, MD</i>
1:20 PM	Cervical Spine Tumors <i>Christopher Ames, MD</i>
1:30 PM	Cervical Thoracic Failures After ACDF <i>K. Daniel Riew, MD</i>
1:40 PM	Occipito-Cervical Instability <i>Christopher Ames, MD</i>
1:50 PM	Panel Discussion and Question and Answer <i>Faculty Panelists</i>
2:00 PM	Break in Exhibit Hall
SESSION 6	Severe Catastrophic Complications (Paralysis or Death) Moderator: J. Patrick Johnson, MD
2:20 PM	My Worst Surgical Day Ever <i>Juan Uribe, MD</i>
2:30 PM	Don't Be Paralyzed by Paralysis <i>Christopher Shaffrey, MD</i>
2:40 PM	Interoperative Mortality in Spinal Surgery <i>John Dimar, MD</i>
2:50 PM	A Nightmare Come True <i>K. Daniel Riew, MD</i>
3:00 PM	Panel Discussion and Question and Answer <i>Faculty Panelists</i>
3:20 PM	Keynote Speaker: State of the Art of Adult Deformity <i>Christopher Shaffrey, MD</i>
4:00 PM	Question and Answer
4:30 PM	Chairman's Reception for All Attendees
	Dinner on your own
SATURDAY, FEBRUARY 1, 2014	
7:30 AM	Breakfast in Exhibit Hall
SESSION 7	Motion Technologies and Controversies Moderator: Rick Delamarter, MD
8:00 AM	Complications and Pitfalls with ADR <i>Michael Kropf, MD</i>
8:10 AM	Lumbar Arthroplasty: Does it Protect the Adjacent Level? <i>Jack Zigler, MD</i>
8:20 AM	Is There a Difference Between Two Level Fusion and Two Level Cervical ADR? <i>Hyun Bae, MD</i>
8:30 AM	Is Lumbar Arthroplasty Dead in the USA or Will There be a Renaissance? <i>Rick Guyer, MD</i>
8:40 AM	Can ADR Surgery Be Supported in Value Based Medicine? <i>Scott Blumenthal, MD</i>
8:50 AM	Arthroplasty-Legal Pressure and Class Action Law Suits <i>Todd Lanman, MD</i>
9:00 AM	Panel Discussion and Question and Answer <i>Faculty Panelists</i>
9:20 AM	Keynote Speaker: Burst Fractures: Past, Present & Future <i>John Dimar, MD</i>
9:50 AM	Question and Answer
10:10 AM	Break in Exhibit Hall
SESSION 8	Trauma, Tumors & Complex Pain Moderator: Avrom Gart, MD
10:30 AM	Utilization of CT Based Navigation in Routine Surgery - Pros and Cons <i>Terrence Kim, MD</i>
10:40 AM	Surgical Management of Metastatic Tumors: What's the Justification? <i>John Dimar, MD</i>
10:50 AM	Wartime Spine Injuries <i>Ronald Lehman, MD</i>
11:10 AM	A Surgeons Perspective on Pain Management <i>J. Patrick Johnson, MD</i>
11:20 AM	Intradiscal Biogel in Treatment of Annular Fissure and Novel Multitined Radiofrequency Needle in Treatment of Axial Neck and Back Pain <i>Christopher Zarebinski, MD</i>
11:30 AM	Intradiscal Nucleoplasty and Sacroiliac Joint Radiofrequency Ablation <i>Christopher Gilligan, MD</i>
11:40 PM	Panel Discussion and Question and Answer <i>Faculty Panelists</i>
12:00 PM	Closing Remarks <i>Theodore Goldstein, MD and Rick Delamarter, MD</i>
12:15 PM	Adjourn <i>Faculty Panelists: Scott Blumenthal, MD; Gunnar Anderson, MD, Steven Hochschuler, MD; Christopher Ames, MD; and Christopher Shaffrey, MD</i>

REGISTRATION

13th Annual Symposium on Current Concepts in Spinal Disorders

January 30, 2014–February 1, 2014

The Cosmopolitan of Las Vegas
3708 Las Vegas Boulevard South, Las Vegas, NV 89109

WAYS TO REGISTER

Online registration: www.csmc.edu/cme and click on CME Courses

MAIL form to: Cedars-Sinai Medical Center,
Office of Continuing Medical Education; Attn: Registration
8797 Beverly Boulevard, Suite #250, Los Angeles, CA 90048

FAX form to: (310) 423-0309

For additional course or registration information call (310) 423-5548.

Please print clearly

Last Name _____ First Name _____

Degree ☐ MD ☐ DO ☐ PA ☐ Resident ☐ Fellow ☐ PhD ☐ RN ☐ Other _____

Specialty ☐ Orthopaedic Surgery ☐ Neurosurgery ☐ Physical Medicine & Rehabilitation

☐ Pain Management ☐ Other: _____

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City _____ State _____ Zip _____

Phone _____ Fax _____

Email _____

REGISTRATION FEES

Early Registration:
Received by 1/9/14

☐ \$625

ALLIED HEALTH

☐ \$385

RESIDENT/FELLOW

☐ \$195

Standard Registration:
Received after 1/9/14

☐ \$715

☐ \$440

☐ \$225

Group Discounts are Available. The registration fee includes CME credit, course materials and meal functions.

Check enclosed payable to CSMC for \$ _____

Please charge my credit card: ☐ Visa ☐ MasterCard ☐ AmEx for \$ _____

Credit Card Number: _____ Expiration Date _____ / _____

Authorized Signature _____

I plan to attend the following:

☐ Friday Breakfast ☐ Friday Lunch ☐ Friday Chairman's Reception ☐ Saturday Breakfast

Paid Guest Name (if applicable): _____

How did you learn about this CME activity?

☐ Brochure

☐ Cedars-Sinai Website

☐ Email

☐ Internet Search

☐ Colleague

☐ Other _____

CONFIRMATION

In order to receive a registration confirmation, please provide your e-mail address or fax number. If you do not receive a confirmation, please call (310) 423-5548 to confirm your registration.

REFUND POLICY

All cancellations must be submitted in writing and refunds will be subject to a \$100 administrative charge. No refunds will be given after January 17, 2014.



We encourage participation by all individuals. If you have a disability, advance notification of any special needs will help us better serve you.

FACULTY

COURSE DIRECTORS

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Co-Medical Director
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THEODORE GOLDSTEIN, MD –COURSE CHAIR

Acting Vice-Chair for Spine Services
Department of Surgery
Co-Medical Director,
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Former Chief, Spinal Injury Service
Rancho Los Amigos Medical Center
Medical Director, Texas Back Institute
Plano, TX

ACTIVITY DETAILS

CONFERENCE LOCATION

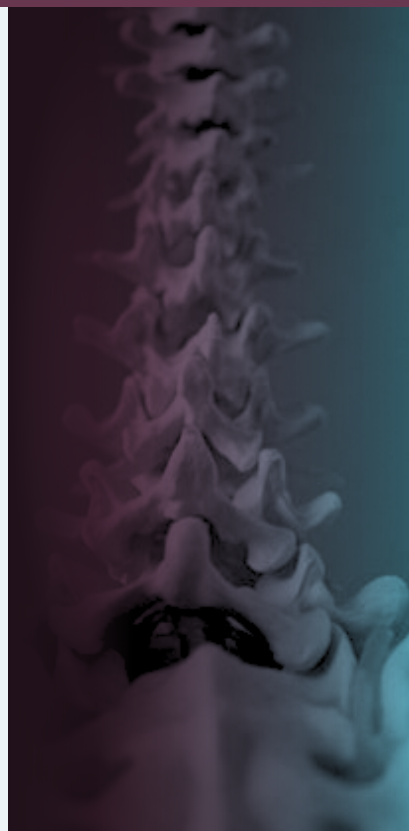
The Cosmopolitan of Las Vegas
3708 Las Vegas Boulevard South
Las Vegas, NV 89109

HOTEL RESERVATIONS

A limited number of rooms have been reserved for meeting attendees at a special group rate ranging from \$199-\$299/night plus taxes. Rooms at our special rates are reserved until January 8, 2014. After this date, reservations will be accepted on a space and rate availability basis. Reservations are taken on a first-come, first-served basis.

To make reservations, you may do so via the web or phone. The link for online reservations is: <https://resweb.passkey.com/go/SCEDA4>

Guests may also book via phone by calling 1-855-435-0005 and referencing our group code, SCEDA4.





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