



CEDARS-SINAI[®]
SPINE CENTER

16th Annual Symposium on Current Concepts in Spinal Disorders

FEBRUARY 2-4, 2017

COURSE DIRECTORS

Hyun Bae, MD

Neel Anand, MD

Theodore Goldstein, MD

J. Patrick Johnson, MD



CONFERENCE LOCATION:

The Cosmopolitan of Las Vegas
3708 S. Las Vegas Blvd.
Las Vegas, NV 89109

*For the latest course information and to register,
visit cedars-sinai.edu/spinecme*

ACTIVITY INFORMATION

COURSE DESCRIPTION AND STATEMENT OF NEED

The *16th Annual Symposium on Current Concepts in Spinal Disorders* focuses on treatment methodology, controversies in spine care management, and new and emerging technologies. The faculty is composed of internationally recognized experts who will present lectures focused on innovations in spine surgeries, spine sciences including biologics, stem cells, minimally invasive surgeries, motion preservation, complications, controversies and deformities. Participants will have several opportunities to enjoy personal interactions with many of our country's leading spine professionals. All attendees are encouraged to join faculty for discussions and debates regarding all topics.

TARGET AUDIENCE

This course is designed to meet the educational needs of orthopedic surgeons, neurosurgeons, spine surgeons, physiatrists, pain management physicians, fellows, residents, physician assistants, nurses, nurse practitioners, and other physicians and spine professionals interested in the treatment of spinal disorders.

EDUCATIONAL OBJECTIVES

- Identify vulnerable areas in spine care and develop strategies to treat patients, including the many complex factors impacting safety and efficacy
- Discuss the implications of MACRA and the preparation needed to be successful in a quality-driven, value-based healthcare system
- Compare opposing approaches to common spine controversies, including spondylolisthesis sagittal alignment for single-level lumbar fusion, and thoracolumbar scoliosis with sagittal imbalance
- Recognize the risk factors associated with spinal surgeries, particularly for patients with co-morbidities, and apply evidenced-based clinical decision-making when determining the appropriateness of surgery
- Describe pertinent options for correcting spinal deformities to prevent significant functional and/or neurological impairment in adult patients
- Discuss the science supporting the use of lumbar hybrid constructs and other available motion-preservation technologies, and the benefits and pitfalls of each
- Explore the latest advances and innovations in evaluating spinal pathology and using new biomaterial for spinal interbody fusion

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 15.0 AMA PRA Category 1 Credit™. 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.

AMERICAN ACADEMY OF PHYSICIAN ASSISTANTS CREDIT

This program is not yet approved for CME credit. Conference organizers plan to request 15 hours of AAPA Category I CME credit from the Physician Assistant Review Panel. Total number of approved credits yet to be determined.

ACKNOWLEDGMENT OF COMMERCIAL SUPPORT

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

AGENDA

THURSDAY, FEBRUARY 2, 2017

12:00-1:00 p.m. Registration and Exhibit Hall Open

SESSION 1: SOCIOECONOMICS OF SPINE CARE

Moderators: *Theodore Goldstein, MD and J. Patrick Johnson, MD*

1:00 p.m.	Welcome	<i>Theodore Goldstein, MD; J. Patrick Johnson, MD</i>
1:10	Keynote Lecture: The Impact of National Data on Surgeons and Healthcare Providers	<i>Jeff Dunkel, MD</i>
2:00	Keynote Lecture: When Does Spine Surgery Make Sense?	<i>Sigurd Berven, MD</i>
2:45	Keynote Lecture: What Blue Shield Expects in the Future of ASCs	<i>Michael M. Bailey</i>
3:30	Question and Answer	
3:40	Break in Exhibit Hall	

SESSION 2: SPINE-CHILLING COMPLICATIONS & CONTROVERSIES IN THE O.R. (AKA: I WISH I'D NEVER DONE THIS CASE)

Moderators: *Michael Kropf, MD and Hyun Bae, MD*

4:00	<i>Bobbie Tay, MD</i>
4:15	<i>Vedat Deviren, MD</i>
4:30	<i>Greg Mundis, MD (lateral complication)</i>
4:45	<i>Paul Santiago, MD</i>
5:00	<i>Munish Gupta, MD</i>
5:15	<i>Alan Hilibrand, MD</i>
5:30	Panel Discussion
5:45	Meeting Adjourns
5:50 p.m.	Reception

FRIDAY, FEBRUARY 3, 2017

7:00 a.m. Breakfast in Exhibit Hall

SESSION 3: COMMON SPINE DEBATES

Moderators: *Neel Anand, MD and Eli Baron, MD*

DEBATE 1

7:30	L4-5 Spondylolisthesis Sagittal Alignment is Critical Even in Single-Level Lumbar Fusion	<i>Vedat Deviren, MD</i>
7:40	L4-5 Spondylolisthesis Sagittal Alignment for Single-Level Lumbar Fusion is All a Hype	<i>Paul Slosar, MD</i>
7:50	Discussion	

DEBATE 2

8:00	Lateral Transpsoas Surgery at L4-L5 is Completely Safe and Should Be the Standard of Care	<i>Greg Mundis, MD</i>
8:10	Lateral Transpsoas Surgery at L4-L5 is Dangerous and Should Not Be Done	<i>Eli Baron, MD</i>
8:20	Discussion	

DEBATE 3

8:30	50-Degree Adult Thoracolumbar Scoliosis with Sagittal Imbalance: Open Posterior Surgery?	<i>Sang Kim, MD</i>
8:40	50-Degree Adult Thoracolumbar Scoliosis with Sagittal Imbalance: CMIS is Optional in the Future	<i>Neel Anand, MD</i>
8:50	Discussion	
9:00	Keynote Lecture: Keeping Cool as a Spine Surgeon	<i>Alan Hilibrand, MD</i>

SESSION 4: FIT - FUTURE INNOVATIONS AND TECHNOLOGIES

Moderators: *Hyun Bae, MD and Edward Nomoto, MD*

9:30	3-D Printing	<i>Bryan W. Cunningham, MD</i>
9:40	Spine Implant Surfaces and Biologic Activity: Separating Fact from Fiction	<i>Paul Slosar, MD</i>
9:55	Bioactive Interbody Implants or Abrasion and Osseointegration Associated with Titanium Plasma Spray-Coated PEEK vs. Deeply Porous Titanium Scaffold on PEEK	<i>Rick Guyer, MD</i>
10:10	The Use of Gait Analysis in the Evaluation of Spinal Pathology	<i>Isador H. Lieberman, MD</i>
10:25	The Innovation Gap: American Spine Surgery in the Next Decade	<i>Alexandre Rasouli, MD</i>
10:40	Panel Discussion plus Question and Answer	<i>Faculty Panelists</i>
10:55	Break in Exhibit Hall	

SESSION 5: DEFORMITIES

Moderators: *Neel Anand, MD and Terrence Kim, MD*

11:20	Three-Column Osteotomies of the Lower Cervical and Upper Thoracic Spine	<i>Bobbie Tay, MD</i>
11:30	Determining Patient-Specific Surgery Magnitude and Whether or Not They Will Benefit: The Future of Adult Spinal Deformity Surgery, in Theory	<i>Dave Polly, MD</i>
11:40	PJK: Can We Prevent It?	<i>Munish Gupta, MD</i>
11:50	Is Cervical Deformity Important to Assess when Fusing Thoracolumbar Spine?	<i>Chris Shaffrey, MD</i>
12:00 p.m.	Panel Discussion plus Question and Answer with Faculty Panelists	
12:15	Pick up Lunch in Exhibit Hall	
12:30	Hall of Fame Lunch Keynote Lecture: Risk Reduction Strategies in Major Spinal Surgery	<i>Chris Shaffrey, MD</i>
1:30-5:00	Non-CME Demos, Workshops and Cadaver Labs	
5:15-6:30 p.m.	Cocktail Reception for Faculty, Attendees, Guests and Vendor Partners	

SATURDAY, FEBRUARY 4, 2017

8:00 a.m. Breakfast in Exhibit Hall

SESSION 6: MAKE SPINE SURGERY GREAT AGAIN

Moderators: *Michael Kropf, MD and Munish Gupta, MD*

8:30	Complex Spinal Deformity Treatment in an Outreach Environment	<i>Edward Nomoto, MD;</i> <i>Greg Mundis, MD</i>
9:00	Uganda Spine Surgery Mission	<i>Isador H. Lieberman, MD</i>
9:15	ASC Future of Spine in General Orthopedics and Pain Reimbursement	<i>Brian Perri, DO</i>
9:30	Spine Tumors: To Fuse or Not to Fuse	<i>Tiffany Perry, MD</i>
9:45	Why “Useless” Surgery is Still Popular: A Response to The New York Times	<i>Terrence Kim, MD</i>
10:00	Adult Idiopathic Scoliosis: Can an Index Episode of Surgical Care Be Bundled?	<i>Robert S. Pashman, MD</i>
10:15	Panel Discussion plus Question and Answer with Faculty Panelists	
10:30	Break in Exhibit Hall	

SESSION 7: MOTION PRESERVATION

Moderators: *Brian Perri, DO and Matthew Scott-Young, MD*

11:00	The Science behind Lumbar Hybrid Constructs	<i>Jack Zigler, MD</i>
11:10	Why a Hybrid Cervical Replacement Makes Sense over Multilevel Cervical ADR	<i>Hyun Bae, MD</i>
11:20	Does Lumbar ADR Have any Role in Spinal Deformity?	<i>Rick Guyer, MD</i>
11:30	When is an ADR NOT Indicated? – The Perils and Disasters...	<i>Matthew Scott-Young, MD</i>
11:40	Indirect Decompression System for Lumbar Stenosis – What is the Future?	<i>Scott Blumenthal, MD</i>
11:50	Closing Remarks	<i>Theodore Goldstein, MD;</i> <i>J. Patrick Johnson, MD</i>
12:00 p.m.	Adjourn	

Conference Panelists: Steven Hochschuler, MD; Dave Polly, MD; Chris Shaffrey, MD; Alan Hilibrand, MD

FACULTY

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Director of Spine Education
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Chairman
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Attending Neurosurgeon
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St. Louis, MO

Mathew Scott-Young, MD

Gold Coast Spine
Queensland, Australia

Chris Shaffrey, MD

Harrison Distinguished Professor
Neurological and Orthopedic Surgery
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Charlottesville, VA

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Medical Director
Spine Care Institute of San Francisco
Co-Director
San Francisco Spine Institute
San Francisco, CA

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Medical Director
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Sang Kim, MD
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Alexandre Rasouli, MD
Orthopedic Surgeon
Cedars-Sinai Spine Center

HOTEL INFORMATION

HOTEL ACCOMODATIONS

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

A special group rate of \$259/night plus taxes are available until January 11, 2017. After this date, reservations will be accepted on a space and rate availability basis. Reservations are taken on a first-come, first-served basis.

On-line Reservation Link: <https://resweb.passkey.com/go/SWUNC7>

Guests may also book through the hotel call center at 702-698-7575 (local) or 855-435-0005 (toll free) by referencing your group code, SWUNC7.

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REGISTRATION METHODS

ONLINE registration: Visit www.csmc.edu/cme and click on CME Course Calendar.

MAIL form to: Cedars-Sinai Medical Center

Office of Continuing Medical Education, Attn: Registration

8797 Beverly Blvd., Suite 250, Los Angeles, CA 90048

FAX form to: 310-423-8596

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

Please print clearly

LAST NAME _____ FIRST NAME _____

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ADDRESS _____

CITY _____ STATE _____ ZIP _____

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EMAIL _____

An email address is required to register for the conference.

REGISTRATION FEES

PHYSICIAN

NON-PHYSICIANS
(PA, RN, PT, ETC)

*RESIDENT/FELLOW

Received by January 9, 2017

\$ 625

\$ 385

\$ 195

Received by January 9, 2017

\$ 715

\$ 440

\$ 255

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REFUND POLICY

All cancellations must be submitted in writing, and refunds will be subject to an administrative charge. No refunds will be given in the last two weeks before the course. Please e-mail cancellation requests to cme@cshs.org. If you do not receive confirmation of your cancellation via e-mail, please call 310-423-5548.



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LAS VEGAS, NEVADA**