

A SPECIAL INVITATION

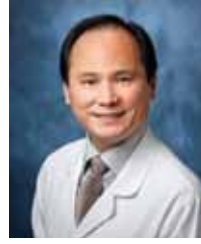
“The great aim of education is not knowledge but action.”

— Herbert Spencer



RICK B. DELAMARTER, MD

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



JOHN LIU, MD

Co-Medical Director
Cedars-Sinai Spine Center
Vice Chair of Neurosurgery
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Department of Neurosurgery
Cedars-Sinai Medical Center

We are pleased to announce the 2011 educational conference and lecture series developed and sponsored by the Cedars-Sinai Spine Center. These educational conferences include lectures and demonstrations on pertinent spine topics, such as conservative non-operative care, injections, pain management, radiographic imaging, osteoporosis and state-of-the-art spine surgeries.

The Spine Center is dedicated fostering an academic environment that allows the center's surgeons to share their breadth of expertise and knowledge with other surgeons throughout the world.

A highlight of our educational program in 2011 will be quarterly lectures by prestigious visiting professors of national and international acclaim who will give talks on Tuesday evenings and Wednesday mornings. In addition, our Spine Fellows will present interesting cases with open audience participation. Each event is a great opportunity to obtain continuing medical education credits, as well as academic and scientific benefit.

We are truly excited about this year's program and welcome your attendance.



2011 CLINICAL SYMPOSIA SERIES VISITING PROFESSORS

Dan Riew, MD

*Mildred B. Simon Distinguished Professor of Orthopaedic Surgery
Professor of Neurological Surgery
Washington University School of Medicine, St. Louis, Missouri*

Edward Benzel, MD

*Chairman, Neurological Surgery
Cleveland Clinic, Cleveland, Ohio*

Alexander Vaccaro, MD

*Professor and Attending Surgeon of Orthopaedics and Neurosurgery
Thomas Jefferson University Hospitals, Philadelphia, Pennsylvania*

ACTIVITY INFORMATION

COURSE DESCRIPTION

The clinical symposia provides lectures and case studies on spine-related topics relevant to spine surgeons, fellows, neuroradiologists, physiatrists, anesthesiologists and other healthcare professionals with interests in spinal care.

This activity is essential for the teaching of spine fellows, and provides a format to discuss specific cases that have relevance to spine care providers. A multidisciplinary approach is taken in the discussions of specific cases. General topics to be covered are spinal trauma, spinal deformity in adult and pediatric patients, degenerative lumbar disc disease, degenerative cervical disease, spine tumors, metabolic bone disease and pathogenesis of spinal disease. Invited speakers, as well as members and associates of the Cedars-Sinai Spine Center, will lecture on these topics.

TARGET AUDIENCE

This conference is designed for orthopaedic surgeons, neurosurgeons, anesthesiologists, radiologists and specialists in pain management and rehabilitation. All other physicians and healthcare professionals are invited as well.

EDUCATIONAL OBJECTIVES

1. Evaluate the new technologies, research diagnostic criteria and spine pathophysiology when managing patients with spinal disorders and spine diseases in order to determine the best practice options.
2. Through didactic and case presentations, enhance the diagnosis and management of spinal disorders, diseases and deformities, allowing better patient outcomes.

ACCREDITATION

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

CREDIT DESIGNATION

Cedars-Sinai Medical Center designates this live activity for a maximum of 1.0 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

POLICY ON DISCLOSURE

It is the policy of Cedars-Sinai to ensure balance, independence, objectivity and scientific rigor in all of its educational activities. In accordance with this policy, faculty members are asked to disclose any affiliation or financial interest that may affect the content of their presentation. This information will be available at the meeting.

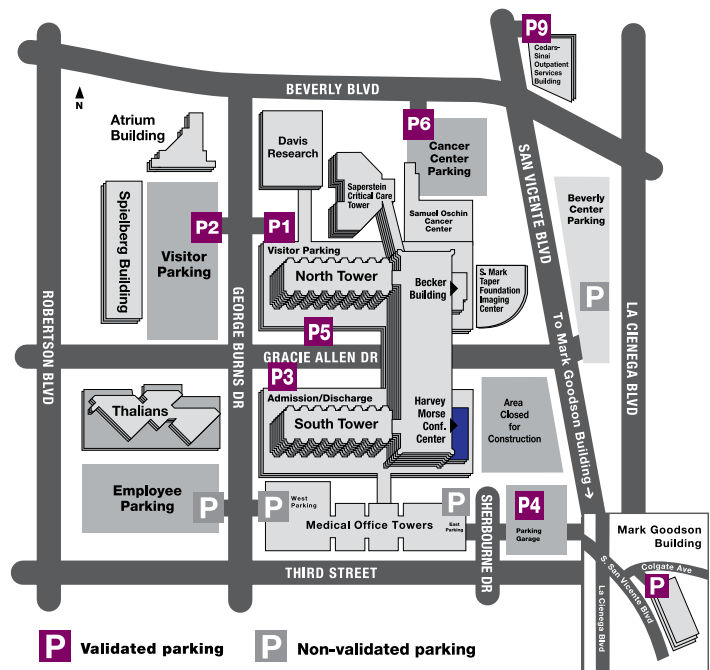


We encourage participation by all individuals. If you have a disability, advance notification of any special needs will help us better serve you.

LOCATION

Unless otherwise noted, all events are to be held at:

Harvey Morse Conference Center, Rooms 1 and 2
South Tower, Plaza Level
Cedars-Sinai Medical Center
8700 Beverly Blvd., Los Angeles, California



SPINE CENTER LEADERSHIP

Rick Delamarter, MD

*Co-Medical Director
Cedars-Sinai Spine Center
Vice Chair for Spine Services
Department of Surgery
Cedars-Sinai Medical Center*

John Liu, MD

*Co-Medical Director
Cedars-Sinai Spine Center
Vice Chair of Neurosurgery
for Spine Services
Department of Neurosurgery
Cedars-Sinai Medical Center*

CEDARS-SINAI FACULTY

Neel Anand, MD, MCh Orth

*Director, Orthopaedic Spine Surgery
Cedars-Sinai Spine Center
Cedars-Sinai Medical Center*

Thomas Apostle, DO

*Physical Medicine and Rehabilitation
Psychiatry
Cedars-Sinai Medical Center*

Frank Acosta, MD

*Director of Spine Deformity
Department of Neurosurgery
Cedars-Sinai Medical Center*

Hyun W. Bae, MD

*Orthopaedic Spine Surgeon
Cedars-Sinai Spine Center
Cedars-Sinai Medical Center*

Eli Baron, MD

*Neurosurgeon
Cedars-Sinai Spine Center
Cedars-Sinai Medical Center*

Jason Berkley, DO

*Neurologist
Cedars-Sinai Spine Center
Cedars-Sinai Medical Center*

Timothy Davis, MD

*Physiatrist
Cedars-Sinai Spine Center
Cedars-Sinai Medical Center*

Avrom Gart, MD

*Director
Pain Management and Rehabilitation
Cedars-Sinai Medical Center*

Theodore Goldstein, MD

*Orthopaedic Surgeon
Cedars-Sinai Spine Center
Cedars-Sinai Medical Center*

Marshall L. Grode, MD

*Clinical Chief, Dept. of Neurosurgery
Cedars-Sinai Medical Center*

Gabriel Hunt, MD

*Neurosurgeon
Cedars-Sinai Spine Center
Cedars-Sinai Medical Center*

Leonel Hunt, MD

*Director, Spine Trauma
Cedars-Sinai Orthopaedic Center
Cedars-Sinai Spine Center
Cedars-Sinai Medical Center*

J. Patrick Johnson, MD

*Co-Director, Spine Stem Cell Research
Cedars-Sinai Spine Center
Cedars-Sinai Medical Center*

Stepan Kasimian, MD

*Orthopaedic Surgeon
Cedars-Sinai Medical Center*

Terrence Kim, MD

*Orthopaedic Spine Surgeon
Cedars-Sinai Medical Center*

Michael A. Kropf, MD

*Orthopaedic Spine Surgeon
Cedars-Sinai Spine Center
Cedars-Sinai Medical Center*

Todd Lanman, MD

*Neurosurgeon
Cedars-Sinai Spine Center
Cedars-Sinai Medical Center*

Thomas Learch, MD

*Chief, Musculoskeletal Radiology
Cedars-Sinai Medical Center*

Michel Levesque, MD, FRCS, FACS

*Neurosurgeon
Cedars-Sinai Spine Center
Cedars-Sinai Medical Center*

Charles Louy, MD

*Anesthesiologist
Cedars-Sinai Spine Center
Cedars-Sinai Medical Center*

Roy Nini, MD

*Physical Medicine and Rehabilitation
Cedars-Sinai Spine Center*

Robert Naruse, MD

*Anesthesiologist
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Cedars-Sinai Medical Center*

Burak M. Ozgur, MD

*Neurosurgeon
Department of Neurosurgery
Cedars-Sinai Medical Center*

Robert Pashman, MD

*Orthopaedic Spine Surgeon
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Cedars-Sinai Orthopaedic Center
Cedars-Sinai Medical Center*

Brian Perri, DO

*Orthopaedic Spine Surgeon
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Cedars-Sinai Orthopaedic Center
Cedars-Sinai Medical Center*

Howard Rosner, MD

*Medical Director, Pain Center
Cedars-Sinai Medical Center*

Alexander Rasouli, MD

*Orthopaedic Spine Surgeon
Cedars-Sinai Spine Center
Cedars-Sinai Medical Center*

R. L. Patrick Rhoten, MD

*Neurosurgeon
Cedars-Sinai Spine Center
Cedars-Sinai Medical Center*

Srinath Samudrala, MD, FACS

*Neurosurgeon
Cedars-Sinai Spine Center
Cedars-Sinai Medical Center*

Khawar Siddique, MD

*Neurosurgeon
Cedars-Sinai Spine Center
Cedars-Sinai Medical Center*

Christopher J. Zarebinski, MD

*Anesthesiologist
Pain Center
Cedars-Sinai Medical Center*

GUEST FACULTY

Frederick Singer, MD

*Director
Endocrine/Bone Disease Program
John Wayne Cancer Institute
Santa Monica, California*

Joonshik Shin, MD

*Chairman
Jaseng Hospital of Oriental Medicine
Seoul, Korea*

Orrin M. Troum, MD

*Clinical Professor of Medicine
Keck School of Medicine
University of Southern California
Los Angeles, California*

Jordan Sheldon, MD

*Neurology, Pain Management
Neurological Associates of West L.A.
Santa Monica, California*

James Paul Watson, MD

*Plastic and Reconstruction Surgery
Co-Founder, University Stem Cell Center
Co-Founder and Principal Investigator
Biostrux
Los Angeles, California*

2011 SCHEDULE



MORNING LECTURE SERIES

One-hour talks starting at 7 a.m. every Wednesday (except the first Wednesday of the month).

Location:

Cedars-Sinai Medical Center
Plaza Level, South Tower
Harvey Morse Conference Center, Rooms 1 and 2
8700 Beverly Blvd.
Los Angeles, California

Wednesday, January 12
State-of-the-Art Osteoporosis
Frederick Singer, MD

Wednesday, February 9
Surgical Treatment of Spine
Conditions with Traditional
Korean Medicine
Joonshik Shin, MD

Wednesday, February 23
Point-of-Care Adipose-Derived
Stem Cell Therapy for Same-Day
Use Intraoperatively for Spine
Disease
James P. Watson, MD

Wednesday, March 9
Title to be announced
Dan Riew, MD

Wednesday, March 23
Multi-disciplinary Trauma
Conference
Leonel Hunt, MD (Moderator)

Wednesday, April 13
Contemporary Management of
Spinal Infections
Eli Baron, MD

Wednesday, May 11
Title to be announced
Orrin Troum, MD

Wednesday, June 8
SI Bone
Steven Garfin, MD

Wednesday, June 29
Diagnosis and Treatment of
Thoracic Outlet and Piriformis
Syndrome
Sheldon Jordon, MD

Wednesday, September 14
Title to be announced
Edward Benzel, MD

Wednesday, October 12
Multidisciplinary Trauma
Conference
Leonel Hunt, MD (Moderator)

Wednesday, December 14
Title to be announced
Alexander Vaccaro, MD

CONCEPTS IN SPINAL DISORDERS

RESEARCH MEETINGS

First Wednesday of every month, a review and discussion of Cedars-Sinai Spine Center's existing and upcoming research projects. For more information, call 310-423-9275.

SPECIAL VISITING PROFESSORS EVENING EVENTS

Two-hour events start at 6 p.m. Location varies. Space is limited. To make reservations, please call (310) 423-9275 or register online at www.cedars-sinai.edu/spine-series.

Tuesday, March 8

Visiting Professor: Dan Riew, MD

Tuesday, September 13

Visiting Professor: Edward Benzel, MD

Tuesday, December 13

Visiting Professor: Alexander Vaccaro, MD

TENTH ANNUAL WEEKEND SYMPOSIUM

February 3-5, 2011

Cedars-Sinai sponsors 10th Annual Symposium on Current Concepts in Spinal Disorders
Bellagio Hotel
Las Vegas, Nevada

For additional information, visit www.cedars-sinai.edu/cme or call (310) 435-5548.





CEDARS-SINAI

A TRUSTED NAME IN SPINE CARE

The Cedars-Sinai Spine Center is an internationally recognized, comprehensive spine center dedicated to the evaluation, diagnosis and treatment of the entire spectrum of spinal column, spinal cord and nerve disorders. The center has implemented leading-edge technologies, such as artificial disc replacement, robot-assisted surgery and minimally invasive techniques for treatment of fractures and disc disease. The Spine Center also provides traditional treatment of common disorders, such as deformity and scoliosis, degenerative disc disease, herniated discs, metastatic and primary tumors, congenital abnormalities, trauma and axial skeletal pain.

For nearly a decade, the Spine Center has provided state-of-the-art care encompassing the entire discipline of operative and nonoperative spinal care. Physician office visits, radiographic imaging, physical therapy, nonoperative and postoperative care and surgery are all centrally located for patient convenience and continuity of care. For both the nonsurgical and surgical candidate, the center offers only the best in technology, experience and convenience.

OUR EXPERT TEAM

The Cedars-Sinai Spine Center's board-certified surgeons and physician spine specialists encompass a wide range of spinal subspecialties, including orthopaedics, neurosurgery, anesthesiology and physical medicine and rehabilitation. Our surgical staff is composed of fellowship-trained, published, academic physicians who are leaders in the development of innovative research, new techniques and education for patients and the medical community. Extensive physician training supports improved outcomes and allows the center to manage even the most complex cases.

COMPREHENSIVE SPINE SERVICES

Conservative Management. In cooperation with the Pain Center and the Department of Medical Rehabilitation at Cedars-Sinai, the Cedars-Sinai Spine Center offers comprehensive nonsurgical options in collaboration with

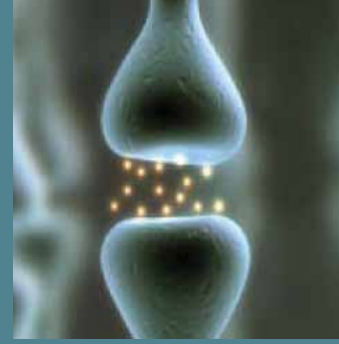
physiatrists, anesthesiologists, psychiatrists, psychologists, chiropractors and acupuncturists to treat acute and chronic pain, depression and insomnia. Adjunctive treatments are available at Cedars-Sinai's state-of-the-art Outpatient Rehabilitation Services facility, which is staffed by licensed physical therapists, physical therapy assistants and licensed occupational therapists.

Surgical Services. For adult and pediatric patients requiring more intensive treatment modalities for herniated discs, degenerative disc disease, deformities, scoliosis, fractures, primary and metastatic tumors, vascular malformations and congenital disorders, the Cedars-Sinai Spine Center offers the full range of treatment options, including minimally invasive artificial disc implementation with motion preservation, endoscopy, computer-aided stereotactic and neuronavigational technology, as well as standard surgical options. Percutaneous fusion techniques (through the skin with needle-size entry sites and minimal scarring) and minimally invasive treatment of fractures (kyphoplasty) are also available.

Pediatric Services. In cooperation with the Department of Neurosurgery and Cedars-Sinai Orthopaedic Center, the Cedars-Sinai Spine Center provides comprehensive spinal programs for both pediatric neurosurgery and orthopaedic disorders.

Cancer/Oncology Services. Cedars-Sinai is one of the leading tertiary centers in the United States for primary and metastatic spinal tumors. In conjunction with Cedars-Sinai's Samuel Oschin Comprehensive Cancer Institute, the Spine Center provides a multidisciplinary approach to cancer treatment. A tumor board is attended by the center's spinal surgeons, plastic and reconstructive surgeons and hematology/oncology physicians, encouraging an interactive relationship that promotes rapid identification and treatment. Surgical treatment, if indicated, seeks to preserve neurological function. In addition to providing conventional therapies, the Spine Center offers new technologies, such as minimally invasive spinal surgery and image-guided surgical navigation systems.

SPINE CENTER



WORLD-CLASS RESEARCH

Cedars-Sinai ranks among the top non-university hospitals nationwide receiving research funding from the National Institutes of Health. Cedars-Sinai Spine Center's Clinical and Basic Laboratory Research Center has enabled researchers to explore new horizons in path-breaking nonsurgical techniques to treat and repair spinal bones and discs.

Innovations pursued at the Spine Center include lumbar and cervical artificial disc replacement, motion preservation and dynamic stabilization, spinal biomechanics, tissue engineering, and image and computer guided/computer-assisted surgical techniques for greater accuracy and potential telemedicine applications. Our experts are also well-positioned to take a leading role in the functional evaluation of the wide array of emerging spinal technologies, including new artificial discs, dynamic stabilization devices, interspinous spacers, blood alternatives and less invasive fusion devices.

The Cedars-Sinai Spine Center is engaged in ongoing development of robot-assisted surgical systems and specialized imaging equipment that will markedly decrease the amount of radiation use, making surgery safer for both patients and surgeons.

In addition, the Spine Center is exploring new molecular biology therapy that may reverse traumatic cord injury, bone fusion substitutes such as bone morphogenetic proteins, and unique adult stem cell therapies for the repair and regeneration of spinal joints and tissues.

Our research programs provide Spine Center physicians and medical device manufacturers with critical information about the performance of novel technologies. Just as important, the results of these studies aid the development of new treatments and spinal devices. And, in the true spirit of "bench-to-bedside" research, these studies will enable the entire Spine Center team to work together toward better solutions for spinal disorders.

STATE-OF-THE-ART EDUCATIONAL PROGRAMS

The Cedars-Sinai Spine Center is dedicated to sharing new technology and knowledge with the wider medical community. The center is intimately involved in teaching and training visiting surgeons with the latest techniques. Educational options include the Current Concepts in Spinal Disorders clinical symposia series and the annual multi-day conference, which offer presentations by 30 surgeons and physicians in various disciplines. The center's staff routinely publish in leading neurosurgical and orthopaedic journals. The Spine Center also offers a nationally recognized fellowship program, which accepts four new candidates per year who have successfully completed an orthopaedic or neurosurgical residency and desire to further advance their expertise.

The enriched teaching environment allows Cedars-Sinai Spine Center staff to share their expertise and experience, and to continually improve the quality of spine surgeons in both the private and academic arena. The result is a superior training setting that promotes both new technology and better patient care.

For more information about the Cedars-Sinai Spine Center or the Clinical Symposia Series, please call (310) 423-9275, email GroupSpineLectures@cshs.org or visit us at www.cedars-sinai.edu/spine.

For information about clinical cases and referrals, please call (310) 423-9900.





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2011 CLINICAL SYMPOSIA SERIES

CURRENT CONCEPTS IN SPINAL DISORDERS

Conferences for orthopaedic surgeons and neurosurgeons, fellows, residents, physicians and other back specialists interested in the surgical treatment of spinal disorders.

www.cedars-sinai.edu/spine

