HSS treats more spine patients each year than any other hospital, making our specialists among the world’s most experienced.

The David B. Levine, MD

HSS Spine Symposium 2017
Value, Cost Effectiveness, and Safety in the Treatment of Spinal Conditions

JUNE 9, 2017
Hospital for Special Surgery
New York City

An HSS Spine Curricula 2017 Event

Provided by HOSPITAL FOR SPECIAL SURGERY SPINE SERVICE and the Office of Continuing Medical Education.

LIVE STREAMING also available

ACCREDITATION This activity has been approved for AMA PRA Category 1 Credits™ and NY Physical Therapist Contact Hours onsite and online.
HSS Spine Symposium 2017
Value, Cost Effectiveness, and Safety in the Treatment of Spinal Conditions
JUNE 9, 2017

LOCATION
Hospital for Special Surgery
Richard L. Menschel Education Center, 2nd Floor
535 East 70th Street, New York, NY 10021

LIVE STREAMING also available

STATEMENT OF NEED
HSS handles a high volume of complex spinal problems—and higher volume leads to better expertise and results. At this symposium, HSS spine experts will discuss value, safety and cost effectiveness and determine how the issues affect their practice in a climate that emphasizes value-based care. Course participants will debate these topics along with the management of patient expectations. The symposium will cover the latest spine modalities via didactic lectures, panel discussions, case presentations, and Q&A sessions.

TARGET AUDIENCE
This activity is targeted to spine surgeons. Physician assistants, physiatrists, neurosurgeons, physical therapists, primary care physicians, residents, and fellows can also benefit from this activity.

ACCREDITATION AND CREDIT DESIGNATION
Hospital for Special Surgery is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Hospital for Special Surgery designates this live activity for a maximum of 5.5 AMA PRA Category 1 Credits™ onsite and online. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Hospital for Special Surgery is a New York State Education Department approved provider for physical therapy continuing education. Hospital for Special Surgery designates this activity for a maximum of 5.5 Contact Hours onsite and online. The following states require continuing education units with no state specific approval: CT, IA, MA and WA.

FINANCIAL DISCLOSURE POLICY
In accordance with the Accreditation Council for Continuing Medical Education’s Standards for Commercial Support, all CME providers are required to disclose to the activity audience the relevant financial relationships of activity directors, planning committee members, presenters, authors and staff involved in the development of CME content. An individual has a relevant financial relationship if he or she has a financial relationship in any amount occurring in the last 12 months with a commercial interest whose products or services are discussed in the CME activity content over which the individual has control.

It is the policy of Hospital for Special Surgery to request all financial relationships that activity directors, planning committee members, presenters, authors and staff have with commercial interests, but to disclose to the activity audience only the relevant financial relationships.

LEARNING OBJECTIVES
HSS continuing medical education activities are intended to improve the quality of patient care and safety. At the completion of the course, participants will:

■ Define value and distinguish its impact on each stakeholder involved in patient care at a healthcare institution.
■ Relate the importance of cost-effectiveness in the treatment of the spine. They will state and be able to use an algorithm to assess the cost effectiveness of treatment.
■ Explain the importance of assessing patient expectations. They will also review useful tools and methods for assessment and be able to use these in practice.
■ Describe the relative cost effectiveness and safety of operative and non-operative procedures for the treatment of adult spinal conditions. They will be able to select the most appropriate approach to use in practice.
■ Report safety considerations and tools to monitor safety and be able to implement these tools to help prevent surgical complications.
■ Debate the approaches to degenerative spine treatment, such as non-operative, minimally invasive surgery, and open surgery, and discuss the relative value and risk of one technique over another. They will be able to select the most appropriate approach to use in their practice.

SPECIAL NEEDS
Hospital for Special Surgery is accessible for individuals with disabilities or special needs. Participants with special needs are requested to contact the Office of Continuing Medical Education at 212.606.1812.

FOR MORE INFORMATION
Go to hss.edu/cme for a complete calendar of scheduled live and online CME activities.

“Learned the best practices and the latest evidence-based techniques and treatment options.”
—2016 Participant

“Course was very effective, lively and interactive, with engaging presenters.”
—2016 Participant

Connect with our LinkedIn professional community, HSS Professional Education.
Follow Twitter @HSSProfEd for the latest musculoskeletal clinical news and CME opportunities.
Activity Agenda

Friday, June 9, 2017

8:30 am  Registration/Breakfast*

8:50 am  Welcome*
Matthew E. Cunningham, MD, PhD

8:55 am  Overview of the Value and Cost Effectiveness Landscape
Pantelis Karnoupakis

9:05 am  Discussion/Q&A

9:12 am  KEYNOTE ADDRESS
Cost Effectiveness 101: An Introduction to Cost Effectiveness and Spine Surgery
Steven D. Glassman, MD

9:42 am  Discussion/Q&A

9:52 am  Cost and Value Considerations in Population Health
Rajiv K. Sethi, MD

10:02 am  Discussion/Q&A

10:09 am  Meeting Expectations of Spinal Surgery
Carol A. Mancuso, MD, FACP

10:19 am  Discussion/Q&A

10:26 am  Cost Effectiveness and Safety of Nonoperative Approaches
Joel M. Press, MD

10:36 am  Discussion/Q&A

10:42 am  Break*

11:02 am  Cost Effectiveness of Degenerative Lumbar Surgery
Alexander P. Hughes, MD

11:12 am  Discussion/Q&A

11:19 am  Cost Effectiveness Strategies for Cervical Disease: Total Disc Replacement and Outpatient Surgery
Todd J. Albert, MD

11:29 am  Discussion/Q&A

11:36 am  Cost Effectiveness and Safety Considerations for Complex Adult Surgery
Virginie Lafage, PhD

11:46 am  Discussion/Q&A

11:53 am  Making Pediatric Spine Surgery Safer with Lessons Learned From Aviation
Michael G. Vitale, MD, MPH

12:03 pm  Discussion/Q&A

12:10 pm  Lunch*

1:10 pm  DEBATE: Degenerative Spondylosis with Degenerative Discs
Nonoperative Approach vs. Minimally Invasive Surgery vs. Open Fusion
Moderator: Frank J. Schwab, MD
Steven D. Glassman, MD; Joel M. Press, MD; Sheeraz A. Qureshi, MD, MBA

1:40 pm  Discussion/Q&A

1:50 pm  Break*

2:10 pm  Case Discussions/Presentations
Moderator: Frank J. Schwab, MD
Panel: Matthew E. Cunningham, MD, PhD; Han Jo Kim, MD; Sheeraz A. Qureshi, MD; Andrew A. Sama, MD

4:10 pm  Closing Remarks*

* Not designated for AMA PRA Category 1 Credits™. Faculty and agenda subject to change.

In March 2017, HSS launches the Center for the Advancement of Value in Musculoskeletal Care.

“Our goal is to create an intelligent, learning health system that delivers the highest quality musculoskeletal care in the most efficient way possible for individual patients and populations. The Center for the Advancement of Value in Musculoskeletal Care will help us achieve this goal much faster.”

—Catherine H. MacLean, MD, PhD

ABOUT THIS COURSE

This course is named in honor of David B. Levine, MD, Orthopaedic Surgeon Emeritus at Hospital for Special Surgery. A former Chief of the Scoliosis Service (1967–1995), Dr. Levine specialized in scoliosis and care of the spine at HSS for over 30 years. He is currently the Director of Alumni Affairs as well as the Director of Archives at the Hospital and orchestrates efforts in both of those areas.
Program Faculty

ACTIVITY DIRECTORS

Matthew E. Cunningham, MD, PhD  
Assistant Attending Orthopaedic Surgeon  
Hospital for Special Surgery  
Assistant Professor of Orthopaedic Surgery  
Weill Cornell Medicine  
New York, NY

Han Jo Kim, MD  
Assistant Attending Orthopaedic Surgeon  
Co-director, Spine Fellowship  
Hospital for Special Surgery  
Assistant Professor of Orthopaedic Surgery  
Weill Cornell Medicine  
New York, NY

Frank J. Schwab, MD  
Chief, Spine Service  
Attending Orthopaedic Surgeon  
Hospital for Special Surgery  
Professor of Orthopaedic Surgery  
Weill Cornell Medicine  
New York, NY

HSS FACULTY

Todd J. Albert, MD  
Surgeon-in-Chief and Medical Director  
Koren-Wilson Professor of Orthopaedic Surgery  
Chairman, Department of Orthopaedic Surgery  
Professor of Orthopaedic Surgery  
Weill Cornell Medicine

Alexander P. Hughes, MD  
Assistant Attending Orthopaedic Surgeon  
Co-Director of Education, Spine Surgical Service  
Assistant Professor of Orthopaedic Surgery  
Weill Cornell Medicine

Pantelis Karnoupakis  
Director, Payor Strategy & Contracting

Virginie Lafage, PhD  
Senior Director, Spine Research

Carol A. Mancuso, MD, FACP  
Attending Physician  
Senior Scientist  
Professor of Medicine  
Weill Cornell Medicine

Joel M. Press, MD  
Physiatrist-in-Chief  
Chairman, Department of Physiatry  
Attending Physiatrist  
Professor of Clinical Rehabilitation Medicine  
Weill Cornell Medicine

Sheeraz A. Qureshi, MD, MBA  
Associate Attending Orthopaedic Surgeon  
Associate Professor of Orthopaedic Surgery  
Weill Cornell Medicine

Andrew A. Sama, MD  
Associate Attending Orthopaedic Surgeon  
Assistant Clinician Investigator, Research Division  
Co-director, Spine Fellowship  
Associate Professor of Clinical Orthopedic Surgery  
Weill Cornell Medicine

GUEST FACULTY

Steven D. Glassman, MD  
Professor, Orthopaedic Surgery  
University of Louisville School of Medicine  
Norton Leatherman Spine Center  
Louisville, KY

Rajiv K. Sethi, MD  
Chair, Neuroscience Institute  
Virginia Mason Medical Center  
Clinical Associate Professor of Health Services  
University of Washington  
Seattle, WA

Michael G. Vitale, MD, MPH  
Chief, Pediatric Spine and Scoliosis Surgery  
Co-Director, Division of Pediatric Orthopaedics  
Chief Quality Officer, Department of Orthopaedic Surgery  
Ana Lucia Professor of Pediatric Orthopaedic Surgery  
Columbia University Medical Center  
New York, NY

HSS PROGRAM COORDINATOR

Wanda Napolitano  
Senior Events and Marketing Coordinator  
Professional Education  
Education & Academic Affairs

Additional HSS Spine Curricula 2017 Events

Advance your spine care knowledge and practice through a spectrum of cutting-edge educational offerings from world renowned faculty.

Join us prior to the symposium:

- **Visiting Professor Lecture Series (CME)**
  - The David B. Levine, MD, Honorary Lecture in Spinal Deformity  
- **Science & Politics of Bone Morphogenetic Proteins (BMPs)**
  - Steven D. Glassman, MD  
  - June 9, 2017 | 7:00–8:00 am  
  - Hospital for Special Surgery | New York City  
  - No reservations required.

**Value & Safety in Spine Care Webinar Series**

- **Value & Cost Effectiveness of Spine Surgery**
  - May 4, 2017 | 7:00–8:15 pm
- **UPCOMING TOPICS (FALL 2017)**
  - Value & Cost Effectiveness of Non-Operative Measures
  - Risk & Safety of Spine Surgery

Email napolitanow@hss.edu to receive updates.
WAYS TO REGISTER
Register and pay online at hss.edu/cme.
Register by mail using the registration form.

Payment By Mail
Make check payable to:
Hospital for Special Surgery

Mail registration form to:
Hospital for Special Surgery
Professional Education Department
Education & Academic Affairs
535 East 70th Street
New York, NY 10021

Confirmations
All registered participants will receive a confirmation via email.

Refund Policy
A handling fee of $75 is deducted for cancellation. Refund requests must be received by mail one week prior to the course. No refund will be made thereafter.

For More Information Please Contact
Wanda Napolitano
Senior Events and Marketing Coordinator
Education & Academic Affairs
Hospital for Special Surgery
Tel: 212.606.1812
Email: napolitanow@hss.edu

Parking & Accommodations
For information on parking and accommodations, please go to hss.edu/visitor-information.asp and view our Neighborhood Directory. Local accommodations are limited and early reservations are recommended

Transportation
Airport: LaGuardia (LGA) is 8 miles northeast of the city. Kennedy International (JFK) is 15 miles southeast of the city. Newark International (EWR) is 16 miles southwest of the city.

Bus: M72, M31 stop at East 69th Street and York Avenue.

Subway: Nearest line is the Q train stop at East 72nd Street and Second Avenue or the 6 train at Lexington Avenue and 68th Street.

Car (FDR Drive): Driving south, exit at 71st Street. Driving north, exit at 63rd Street. Continue on York Avenue.

Find Hospital for Special Surgery on the web at hss.edu

Program Registration
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JUNE 9, 2017

PLEASE PRINT LEGIBLY

First Name | MI | Last Name
Degree | Affiliation/Network Practice (if applicable)
Email Address*
Street Address | Suite/Apt #
City | State | Zip Code
Daytime Phone
$ | □ American Express □ MasterCard □ Visa □ Check Enclosed
Amount Enclosed
Credit Card # | Exp. Date

Signature

*Your email address is required for administrative purposes. Please note that we may use your email to communicate with you regarding updates and content from Education & Academic Affairs. You can unsubscribe at any time.

How did you hear about this course?
□ Print Brochure □ Email Blast □ HSS Website □ Journal Advertisement
□ Recommendation □ Other □ Twitter □ LinkedIn

Registration Fees
Registration fees for onsite include breakfast and lunch. All registered attendees receive online access to lecture handouts and credits and a confirmation via email.

Registration closes on June 4, 2017 at 5 pm.

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For day-of registration for the onsite course, add $75 to the appropriate category above (available only if space permits—please call first).
Please note: Registration will not be processed unless accompanied by payment.

Please note: This program may be recorded, filmed or photographed. By attending this program, you give permission to Hospital for Special Surgery to use your voice and likeness for any purpose (promotional, educational, or other), in any medium, and without remuneration of any kind to you.

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