



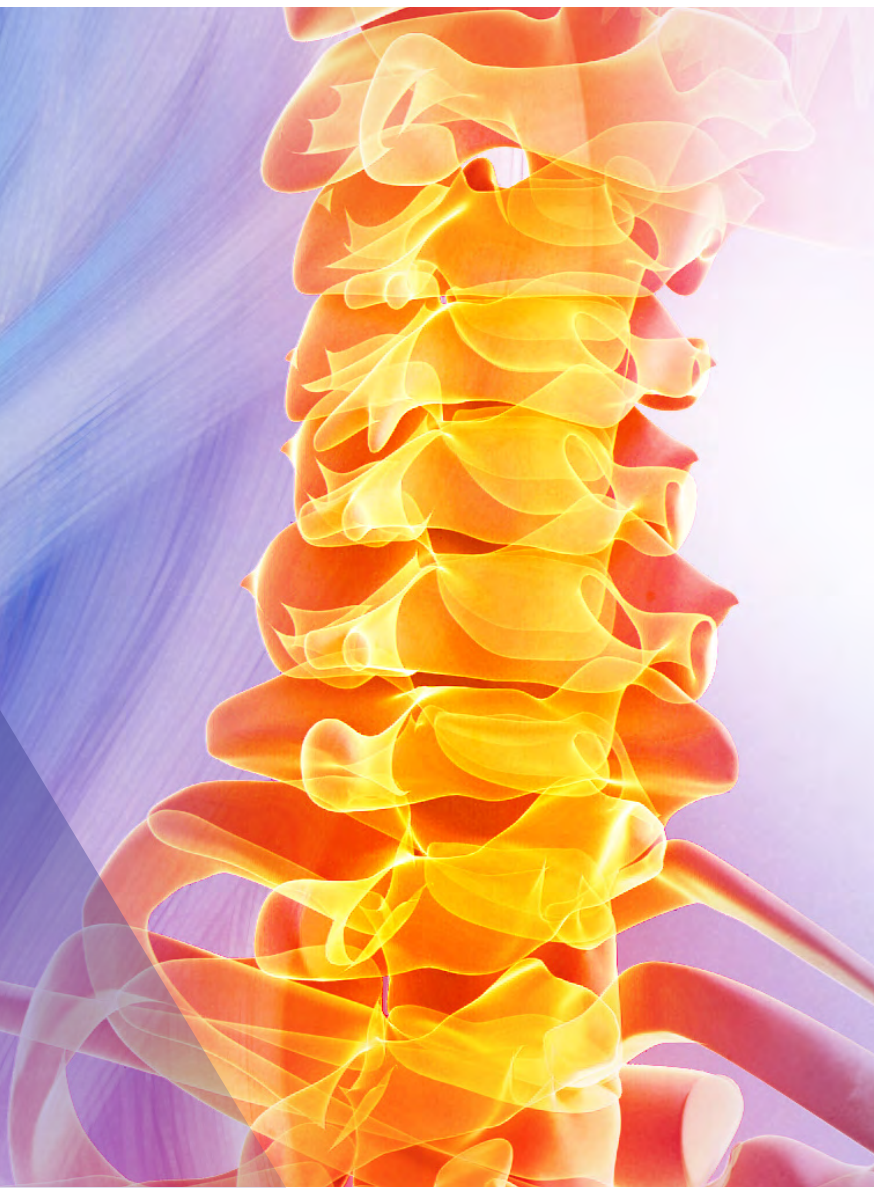
# Value of Spine Surgery for an Aging Population

CME Symposium

**Friday, October 20, 2017**

Northwestern Medicine  
Prentice Women's Hospital  
Chicago, Illinois  
8:30 am - 3:00 pm

*Sponsored by Northwestern Medicine*



# Value of Spine Surgery for an Aging Population

## Course Director: Aruna Ganju, MD

Diseases of the spinal column are a major source of morbidity in the U.S. population; traumatic, degenerative, and oncologic diseases of the spinal column will only become more prevalent as the U.S. population ages. As a result, there are significant needs to diagnose and treat these disorders. Healthcare providers currently have gaps in knowledge and skill related to evaluation and management of traumatic, degenerative, and oncologic diseases of the spinal column.

Please join Northwestern experts for an interactive discussion on the delivery of treatment for spinal disease, where current data in regards to the value, efficacy, and outcomes from surgical treatment of spinal disease will be provided.

### After attending this educational activity, participants should be able to:

- 1) Review the changing demographic of the U.S. population and the projected incidence and prevalence of spinal disease in the future.
- 2) Quantify the value of diverse surgical interventions for spinal disease.
- 3) Demonstrate the value of minimally invasive surgical treatment for spondylosis.
- 4) Explain the value of surgical treatment of spinal column fractures.
- 5) Describe biologic adjuncts to surgical treatment.
- 6) Quantify the medical management of spinal disease.
- 7) Demonstrate the value of surgical treatment of spinal deformity.
- 8) Describe technologic advances that impact surgical treatment.
- 9) Quantify cost saving measure in the operating room.
- 10) Review measures that may assist in maintaining spinal column health.

For more information, please contact **Sarah Baggs**, Continuing Medical Education Administrator, at Northwestern Memorial HealthCare, at **312.926.7975**.

# Friday, October 20

8:30 am	<b>Continental Breakfast and Registration</b>
9:00 am	<b>Welcome</b> <i>Aruna Ganju, MD</i>
9:05 am	<b>Demographics of Spine Disease</b> <i>Aruna Ganju, MD</i>
9:15 am	<b>Value of Spine Surgery</b> <i>Joseph Cheng, MD, MS, FAANS, FACS</i>
10:15 am	<b>The Value of Minimally Invasive Spine Surgery</b> <i>Zachary A. Smith, MD</i>
10:40 am	<b>Spinal Trauma: The Value of Surgical Stabilization</b> <i>Nader S. Dahdaleh, MD</i>
11:05 am	<b>Biologic Frontiers in Surgical Treatment</b> <i>Wellington K. Hsu, MD</i>
11:30 am	<b>Lunch</b>
12:30 pm	<b>The Cost of Medical Management</b> <i>Joel M. Press, MD</i>
1:30 pm	<b>Spinal Deformity: The Value of Reconstructive Surgery</b> <i>Tyler R. Koski, MD</i>
1:55 pm	<b>Anesthetic Considerations in the Spine Patient</b> <i>Matthew J. Hammer, MD</i>
2:20 pm	<b>OR Efficiency and Cost Reduction</b> <i>George Cybulski, MD, MBA</i>
2:40 pm	<b>Spine Oncology</b> <i>Jean-Paul Wolinsky, MD</i>
3:00 pm	<b>Closing Comments and Adjournment</b>

# Program Course Director

## **Aruna Ganju, MD**

*Associate Professor of Neurological Surgery  
and Orthopaedic Surgery*  
Northwestern University  
Feinberg School of Medicine

# Guest Faculty

## **Joseph Cheng, MD, MS, FAANS, FACS**

*Professor of Neurological Surgery  
Frank H. Mayfield Professor and Chairman  
Department of Neurological Surgery*  
University of Cincinnati College of Medicine

## **Joel M. Press, MD**

*Chair, Department of Physiatry  
Physiatrist-in-Chief  
Hospital for Special Surgery*

# Program Faculty

## **George Cybulski, MD, MBA**

*Associate Professor of Neurological Surgery  
and Orthopaedic Surgery*  
Northwestern University  
Feinberg School of Medicine

## **Nader S. Dahdaleh, MD**

*Assistant Professor of Neurological Surgery  
and Orthopaedic Surgery  
Associate Residency Program Director  
Department of Neurological Surgery*  
Northwestern University  
Feinberg School of Medicine

## **Matthew J. Hammer, MD**

*Instructor of Anesthesiology*  
Northwestern University  
Feinberg School of Medicine

## **Wellington K. Hsu, MD**

*Clifford C. Raisbeck, MD, Professor of Orthopaedic Surgery  
Associate Professor of Orthopaedic Surgery  
and Neurological Surgery*  
Northwestern University  
Feinberg School of Medicine

## **Tyler R. Koski, MD**

*Associate Professor of Neurological Surgery  
and Orthopaedic Surgery  
Co-Director, Northwestern Spine Center*  
Northwestern University  
Feinberg School of Medicine

## **Zachary A. Smith, MD**

*Assistant Professor of Neurological Surgery  
and Orthopaedic Surgery*  
Northwestern University  
Feinberg School of Medicine

## **Jean-Paul Wolinsky, MD**

*Professor of Neurological Surgery and Orthopaedic Surgery*  
Northwestern University  
Feinberg School of Medicine





### **Program Location**

The program will be held at Northwestern Medicine Prentice Women's Hospital, 250 East Superior Street, Third Floor, Conference Room L South, Chicago, IL.

### **Hotel Accommodations**

To make a hotel reservation, please visit [here](#) to find the list of participating hotels who offer a Northwestern discount. We recommend you make your reservations as soon as possible to ensure accommodations.

### **Directions and Parking**

Please visit our website at [nm.org](http://nm.org) for directions to the conference. We offer discounted parking in the garage just south of the hospital at 222 East Huron Street.

### **Audience**

The content of the program is appropriate for physicians, advanced care providers and registered nurses who treat populations affected by diseases of the spinal column.

### **Registration Fee**

The fee is \$70 for physicians and \$35 for trainees, nurses and other healthcare professionals. Breakfast, refreshments and lunch are provided. Space is limited. No refunds after October 9.

### **Registration Procedure**

To register online, please visit [cme.northwestern.edu](http://cme.northwestern.edu) and click on Conference Calendar. Otherwise, please complete the registration form and mail it with your check made payable to Northwestern Memorial HealthCare (CME) to

the address listed below, prior to **October 9**. You may also fax the fax registration form with credit card information to Sarah Baggs at 312.694.2249 (this is a private fax).

### **For additional information:**

#### **Northwestern Memorial Healthcare**

675 North St. Clair Street, Galter 3-104H

Chicago, IL 60611

Phone: 312.926.7975

Fax: 312.694.2249

Email: [sbaggs@nm.org](mailto:sbaggs@nm.org)

### **Accreditation Statement**

The Northwestern University Feinberg School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

### **Credit Designation Statement**

The Northwestern University Feinberg School of Medicine designates this live activity for a maximum of 4 *AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### **Family Attractions**

Prentice Women's Hospital is located in the heart of Chicago, within walking distance of a variety of restaurants, public transportation and the Magnificent Mile, Chicago's premier shopping area. For a complete listing of Chicago attractions, visit [choosechicago.com/things-to-do/](http://choosechicago.com/things-to-do/).

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# Registration Form

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**Sarah Baggs**  
**C/O Northwestern Memorial HealthCare (CME)**  
675 North St. Clair Street, Galter 3-104H  
Chicago, IL 60611

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Specialty/Subspecialty: \_\_\_\_\_

MD (\$70)    APN (\$35)    RN (\$35)    Fellow (\$35)

Check One:  Check    Credit Card

Check One:  VISA®    MC®    AMEX®

Account Number \_\_\_\_\_ Exp Date: \_\_\_\_\_

Hospital Affiliation(s): \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Email: \_\_\_\_\_

Please Indicate Any Special Needs: \_\_\_\_\_

Dietary Preference: \_\_\_\_\_

How did you hear about our program?

Brochure    E-mail    Website    Word of Mouth