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
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

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

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)™. 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/
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Registration Form

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Complete the registration form and mail it with your check made payable to Northwestern Memorial HealthCare (CME) to the address listed to the right, prior to October 9, or fax registration form to Sarah Baggs at 312.694.2249. (This is a private fax.)

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: __________________________________________________________________________________________
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How did you hear about our program?
☐ Brochure  ☐ E-mail  ☐ Website  ☐ Word of Mouth

Sarah Baggs
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