Spinal Innovation in 2018 CME Symposium

Friday, October 5
Northwestern Memorial Hospital
Chicago, Illinois
8:30 am - 2:00 pm

Sponsored by Northwestern Medicine

REGISTER ONLINE: northwesternspine2018.com
Diseases of the spinal column continue to increase in the 21st century; innovative methods for diagnosis and treatment of these conditions are being utilized with the aging population. Healthcare providers currently have gaps in knowledge and skill related to evaluation and management of traumatic, degenerative, and oncologic diseases of the spinal column. This course will focus on educating providers about emerging surgical options for disorders of the spinal column. Specifically, learners will be able to demonstrate the indications for and value provided by innovative surgical treatment of spinal disorders.

We are honored to have Nathaniel P. Brooks, MD, Assistant Professor of Neurological Surgery at University of Wisconsin School of Medicine and Public Health, and Vincent C. Traynelis, MD, Director of the Neurosurgery Spine Fellowship Program and Professor of Neurological Surgery at Rush University, 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.

**PROGRAM OBJECTIVES**

**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) Discuss the value of diverse surgical interventions for spinal disease.

3) Demonstrate the value of minimally invasive surgical treatment for spondylosis.

4) Describe emerging philosophies in sports related spine injuries.

5) Review measures that may assist in maintaining spinal column health.

6) Identify innovations that may impact spine surgeons.

7) Apply technological advances that impact surgical treatment.

8) Utilize the medical management of spinal disease.

For more information, please contact Sarah Baggs, Continuing Medical Education Administrator, at Northwestern Memorial HealthCare, at sbaggs@nm.org.
# Agenda

**Friday, October 5**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 am</td>
<td>Breakfast and Registration</td>
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<tr>
<td>9:00 am</td>
<td>Welcome</td>
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<tr>
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<td>Aruna Ganju, MD</td>
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<tr>
<td>9:10 am</td>
<td>Evolution of Cervical Spinal Surgery</td>
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<td>Vincent C. Traynelis, MD</td>
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<tr>
<td>9:40 am</td>
<td>Controversies in Sports Injuries</td>
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<td>Wellington K. Hsu, MD</td>
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<tr>
<td>10:10 am</td>
<td>Advances in the Treatment of Craniovertebral Junction Abnormalities</td>
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<td>Nader S. Dahdaleh, MD</td>
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<tr>
<td>10:40 am</td>
<td>Break</td>
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<tr>
<td>11:00 am</td>
<td>Spine Endoscopy: Past, Present and Future</td>
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<tr>
<td></td>
<td>Nathaniel P. Brooks, MD</td>
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<tr>
<td>11:30 am</td>
<td>Ergonomics of Spinal Surgery</td>
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<td>Aruna Ganju, MD</td>
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<td>12:00 pm</td>
<td>Working Lunch Case Discussion—Bring a case to discuss!</td>
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<td>1:00 pm</td>
<td>Robotics in Neurosurgery</td>
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<td>Jean-Paul Wolinsky, MD</td>
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<tr>
<td>1:30 pm</td>
<td>Complication Avoidance in Spinal Surgery</td>
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<td>Tyler R. Koski, MD</td>
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<tr>
<td>2:00 pm</td>
<td>Closing Comments and Adjournment</td>
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Program Course Director

Aruna Ganju, MD
Associate Professor of Neurological Surgery and Orthopaedic Surgery
Northwestern University
Feinberg School of Medicine

Guest Faculty

Nathaniel P. Brooks, MD
Associate Professor of Neurological Surgery
University of Wisconsin School of Medicine and Public Health

Vincent C. Traynelis, MD
A. Watson Armour and Sarah Armour Presidential Professor of Rush University
Vice Chairman, Department of Neurosurgery
Director of Spine Service
Neurosurgery Residency Program Director
Spine Fellowship Director
Rush University Medical Center

Program Faculty

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

Wellington K. Hsu, MD
Clifford C. Raisbeck, MD, Distinguished Professor of Orthopaedic Surgery
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
Director of Neurosurgical Spine Surgery
Department of Neurosurgery
Northwestern University
Feinberg School of Medicine

Jean-Paul Wolinsky, MD
Vice Chairman of Neurosurgery - Strategic Planning and Finance
Director of Spinal Oncology
Department of Neurosurgery
Professor of Neurological Surgery and Orthopaedic Surgery
Northwestern University
Feinberg School of Medicine
Program Location
The program will be held at Northwestern Memorial Hospital, 251 East Huron Street, Third Floor, Conference Room A, Chicago.

Directions and Parking
Please visit nm.org for directions to the conference. We will offer discounted parking in the garage just north of the hospital at 222 E. Huron Street.

Hotel Accommodations
To make a hotel reservation, please visit our list of local hotels who offer a discounted rate for Northwestern Medicine visitors. We recommend you make your reservations as soon as possible to ensure accommodations.

Audience
The content of the program is appropriate for neurosurgeons and orthopaedic surgeons, as well as 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 September 21.

Registration Procedure
To register online, please visit northwesternspine2018.com. If paying with check, please mail your check, made payable to Northwestern Memorial Hospital (CME), to the following address, prior to September 21.

Sarah Baggs
c/o Northwestern Memorial HealthCare
675 North St. Clair Street, Galter 3-104H
Chicago, IL 60611

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 educational activity for a maximum of 4.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurses
The American Nurses Credentialing Center (ANCC) and the Illinois Department of Financial and Professional Regulation accept AMA PRA Category 1 Credits™ from organizations accredited by the ACCME for relicensure & recertification requirements. 1 CME credit is equivalent to 1 contact hour. Your certificate of completion, which includes the number of CME credits awarded, is the only documentation required.

Family Attractions
Northwestern Memorial 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/
Registration Form

Registration Category

- Physician.......................................................................................................................................................................................................................................... $70
- Trainee, Nurse or Other........................................................................................................................................................................................................ $35

How to Register

- ONLINE: northwesternspine2018.com
- OR MAIL with check (payable to Northwestern Memorial Hospital (CME))
  Sarah Baggs
c/o Northwestern Memorial HealthCare
675 North St. Clair Street
Galter 3-104H
Chicago, IL 60611

For Questions:

- Email: sbaggs@nm.org
- Phone: 312-926-7975

Please Type or Print

Last Name ____________________________________________ First Name ______________________________________________

Title __________________________________________________________________________________________________________

Institution _____________________________________________________________________________________________________

Address _______________________________________________________________________________________________________

City _____________________________________________________ State ________________________ ZIP Code _______________

E-mail (Required) _______________________________________________________________________________________________

Specialty ______________________________________________________________________________________________________

Special Dietary Requirements ____________________________________________________________________________________

Disability Accommodations ___________________________________________ Advance notification required

How did you hear about our program?

- Brochure  - E-mail  - Website  - Word of Mouth  - Previous Attendee

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