

NORTH CAROLINA SPINE SOCIETY



2018 ANNUAL MEETING

August 24-26, 2018

Rizzo Center

Chapel Hill, NC

This continuing medical education activity is jointly provided by the North Carolina Spine Society
and the Southern Regional Area Health Education Center

NORTH CAROLINA SPINE SOCIETY

TARGET AUDIENCE AND PURPOSE

The North Carolina Spine Society is pleased to announce its 2018 Annual Meeting, to be held at the Rizzo Center and UNC Hospitals in Chapel Hill. This meeting is designed for orthopaedic and neurosurgical spine surgeons, residents and fellows, and will improve understanding of the rapidly changing and expanding body of knowledge in the area of spinal disease. The purpose of this meeting is to educate and facilitate discussion on innovative surgical techniques, minimally invasive spine surgery, and to facilitate discussion on current outcome metrics as it relates to quality and value in spine care. The 2018 Annual Meeting features an **expanded, three-day format** including hands-on labs at UNC Hospitals!

OBJECTIVES

At the conclusion of this educational activity participants should be able to:

- Review, discuss, and compare current surgical techniques for the treatment of cervical radiculopathy.
- Review, discuss, and compare current surgical techniques for the treatment of lumbar spondylolisthesis.
- Review and discuss current surgical techniques for the treatment of spinal tumors.
- Describe current surgical techniques for the treatment of thoracolumbar deformity correction.
- Analyze the utility and methods of measuring quality in spinal surgery.
- Explain and discuss the effects of spine healthcare costs on overall healthcare expenditures, insurance coverage, and public policy.
- Review, discuss, and compare current image guidance and robotic spinal surgery adjuncts.
- Review, discuss, and compare current surgical techniques for the treatment of cervical deformities.
- Discuss and analyze patient outcomes after spinal metastasis surgery.
- Discuss and describe innovative transnasal surgical approaches to the craniocervical junction.

AMA PRA Category 1 Credit™ - 7.25 hours

CREDIT STATEMENT

The Southern Regional AHEC designates this live activity for a maximum of *7.25 AMA PRA Category 1 Credit(s)™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ACCREDITATION

This activity has been planned and implemented in accordance with the Essentials and Standards of the North Carolina Medical Society through the joint providership of the Southern Regional AHEC and the North Carolina Spine Society. The Southern Regional AHEC is accredited by the NCMS to provide continuing medical education for physicians.

ADDITIONAL CREDIT

Other health professionals will receive Southern Regional AHEC CEU and/or contact hours and a certificate of attendance from an *AMA PRA Category 1™* activity. These certificates are accepted by the NC boards for physician assistants, nurse practitioners, and nurses. License requirements are subject to change. Southern Regional AHEC recommends that participants contact their licensing board with specific questions. Southern Regional AHEC will provide 0.7 Continuing Education Units (7.25 contact hours) to participants upon completion of this activity.

DISCLOSURE STATEMENT

The Southern Regional AHEC adheres to ACCME Essential Areas and Policies regarding industry support of continuing medical education. Disclosure of faculty/planning committee members and commercial relationships will be made known at the activity. Speakers are also expected to openly disclose a discussion of any off-label, experimental, or investigational use of drugs or devices in their presentations.

AMERICANS WITH DISABILITIES ACT

The North Carolina Spine Society and Southern Regional AHEC are fully committed to the principle of equal educational opportunities for all individuals and do not discriminate on the basis of any characteristics protected by federal or state law. If you require any of the auxiliary aids or services identified in the Americans with Disabilities Act in order to participate in this conference, please call Nancy Lowe at the NCSS at (919) 833-3836 no later than ten business days before the date of the activity.

2018 ANNUAL MEETING

MEETING HIGHLIGHTS

The keynote speaker is **Thomas Mroz, MD, FACS**, Director of the Center for Spine Health and Director of Spine Research, Departments of Orthopaedic and Neurological Surgery at the Cleveland Clinic, Cleveland, Ohio. The meeting will begin with a cocktail reception in the exhibit hall, followed by a dinner presentation by Dr. Mroz on the “Societal Impact of Spine Surgery, Costs and Productivity.” Saturday begins with a roundtable discussion on Quality in Spine Surgery, clinical debates, updates from residents who were awarded grants by the NC Spine Society, the Annual Business Meeting, and a roundtable discussion on the Politics and Economics of Spine Surgery, featuring Blue Cross Blue Shield of North Carolina CEO Patrick Conway, MD, MSc, Rep. Greg Murphy, MD, FACS, the only physician currently serving in the NC General Assembly, and more. Transportation will be provided from the Rizzo Center to nearby UNC Hospitals, where optional hands-on labs will take place. Saturday evening, join your colleagues for a heavy hors d’oeuvres reception in the Courtyard, followed by an “after-party” in the Rizzo Center’s sports bar, which serves a full dinner menu. Sunday will include the final presentation by Dr. Mroz, “Use of Evidence Based Medicine for Spine Surgery Decision Making,” followed by more clinical roundtables, presentations and case studies. Attire for all functions is business casual.



Skull Base & Spine Dissection Lab Simulation Center

ACCOMMODATIONS: RESERVE ROOMS BY AUGUST 3

The Rizzo Center, home to UNC’s Kenan-Flagler Business School, includes the historic DuBose House and gardens, and has grown to include a state-of-the-art conference center and well-appointed guest rooms. NCSS has set aside a block of rooms at a special rate of just \$210 plus taxes per night. To reserve your accommodations, call the Rizzo Center at (919) 913-2098, and mention NC Spine Society, or book online at <http://bit.ly/NCSS2018Hotel>. **The cut-off date for reservations is August 3.** Don’t delay!

OPTIONAL GOLF TOURNAMENT

The UNC’s Finley Golf Course is located just across Highway 54 from the Meadowmont area where the Rizzo Center is located. On Saturday afternoon, August 25, we will hold the traditional golf tournament at Finley. Pre-registration is required. Prizes will be awarded for contest holes and to the winning foursome.

REGISTRATION INFORMATION

Participant fees include the Friday reception and dinner, Saturday continental breakfast, break and boxed lunch, transportation between the Rizzo Center and UNC Hospitals, the optional Saturday reception and after-party, and Sunday continental breakfast and break. Registration fees are waived for residents, fellows and medical students. Fees for guests and for the golf tournament are noted on the registration form. Register securely online at <http://www.cvent.com/d/ygq1yl>, or complete the form in this brochure and return it with payment prior to August 1. Registrations received after that date will be charged a higher fee.

If you would like to receive a paper copy of the handouts, please indicate this on the registration form. Otherwise, handouts will be available for download approximately one week prior to the meeting.

All attendees must sign in daily to receive credit.

REGISTRATION CANCELLATION

Please note that refunds of registration fees will not be made after Friday, August 17. Refunds, less \$25, will be made for cancellations received prior to that date.

QUESTIONS?

If you have questions about the 2018 Annual Meeting or need assistance, contact the NCSS at (919) 833-3836 or (800) 722-1350, or nlowe@ncmedsoc.org.

KEYNOTE SPEAKER & SOCIETY LEADERSHIP

FEATURED SPEAKER

Thomas Mroz, MD, FACS

Director of the Center for Spine Health and Director of Spine Research,
Departments of Orthopaedic and Neurological Surgery
Cleveland Clinic, Cleveland, Ohio

Dr. Tom Mroz graduated from Case Western Reserve University and Case Western Reserve University School of Medicine, Cleveland, Ohio. He completed his residency in Orthopaedic Surgery at the George Washington University Medical Center in Washington, D.C. He then completed two spinal surgery fellowships, one at the University of California, Los Angeles, and the other in the Department of Neurosurgery at the University of Tennessee, Memphis. His focus of the second fellowship was minimally invasive spine surgery.

Dr. Mroz specializes in all aspects of spinal surgery, and has a dedicated interest in minimally invasive surgery and cervical spine surgery, including radiculopathy, myelopathy, stenosis, disc herniations, cervical disc replacement, revision cervical surgery, cervical infections, cervical tumors and cervical deformity.

DuBose House

NCSS 2017-2018 OFFICERS

Deb Ashish Bhowmick, MD, FAANS
President & Program Chair
Chapel Hill, NC

Oren N. Gottfried, MD
President-Elect
Durham, NC

Todd M. "Matt" Chapman, Jr., MD
Vice President
Charlotte, NC

Isaac O. Karikari, MD
Secretary-Treasurer
Durham, NC

Samuel J. Chewning, Jr., MD, MBA
Immediate Past President
Concord, NC

Alan Skipper, CAE
Executive Director
Raleigh, NC



SCHEDULE (FRIDAY/SATURDAY)

FRIDAY, AUGUST 24

5:00pm – 7:00pm	Registration
6:00pm – 7:30pm	Welcome Reception
7:30pm – 9:30pm	Dinner Program: Societal Impact of Spine Surgery, Costs and Productivity (Tom Mroz, MD, FACS) <i>(pre-registration required)</i>

SATURDAY, AUGUST 25

7:00am – 12:00pm	Registration
7:00am – 8:00am	Continental Breakfast / Visit Exhibits
8:00am – 1:00pm	Scientific Session
8:00am	Welcome and Introductions (Deb Bhowmick, MD, FAANS)
8:15am	Quality in Spine Surgery Round Table (Anthony Asher, MD, FACS, Matt Ewend, MD, FACS)
8:45am	Minimally Invasive and Open Approaches to Lumbar Spondylolisthesis Debate (Muhammad Abd-El-Barr, MD, PhD, Gurminder Deol, MD, J. Alex Thomas, MD, FAANS)
9:15am	Cervical Approaches to Radiculopathy and Myelopathy Debate (Bruce Darden, II, MD, Peter Grossi, MD, Tom Mroz, MD, FACS)
9:45am	Questions
10:00am – 10:45am	Break / Visit Exhibits
10:45am – 11:15am	Annual Business Meeting <i>(no credit will be awarded)</i>
11:15am	Resident Grant Awardee Update: A Novel Retractor to Optimize the Wiltse Approach to the Spine (Suman Medda, MD)
11:25am	Resident Grant Awardee Update: Improving Spine Clinic Communication through Mobile Technology (Rasheedat Zakare-Fagbamila)
11:35am	Resident Grant Awardee Update: The Influence of Spinopelvic Parameters on Spinal Tumor Outcomes (Eric Sankey, MD)
11:45am	Resident Grant Awardee Update: Failure Mechanisms in Spine Tumors: The Role of Boney Fusion (Vignesh Alamanda, MD)
12:00pm	Politics and Economics of Spine Surgery Round Table (Anthony Asher, MD, FACS, Aaron Chatterji, PhD, Patrick Conway, MD, MSc, Rep. Greg Murphy, MD, FACS)
1:00pm	Adjourn and Pick Up Boxed Lunches
1:10pm	Depart for UNC/Labs <i>(transportation provided)</i>
1:30pm – 5:00pm	Optional Hands-on Labs <i>(no credit will be awarded)</i>
1:00pm	Optional Golf Tournament at Finley Golf Course - <i>pre-registration required</i>
	Free afternoon.
6:00pm-7:30pm	Reception in Rizzo Center's Courtyard - <i>pre-registration required</i>
7:30pm-until	After-Party in Rizzo Center's Sports Bar, Shaffer Kenan Lounge (dinner food available)

Shaffer Kenan Lounge, Rizzo Center



SCHEDULE (SUNDAY)

SUNDAY, AUGUST 26

7:00am – 12:00pm	Registration
7:00am – 8:00am	Continental Breakfast / Visit Exhibits
7:55am – 11:30am	Scientific Session
7:55am	Introductions (Deb Bhowmick, MD, FAANS)
8:00am	Use of Evidence Based Medicine for Spine Surgery Decision Making (Tom Mroz, MD, FACS)
8:40am	Cervical Spine Deformity Approaches Round Table (Deb Bhowmick, MD, FAANS, Tom Mroz, MD, FACS)
9:00am	Thoracolumbar Deformity Approaches Round Table (Todd M. “Matt” Chapman, Jr., MD, MSL, Sam Chewning, Jr., MD, MBA, Issac Karikari, MD)
9:40am	Resident Research Presentation: Distal Hard Palate Resection Allows for Increased Odontoid Resection from an Endoscopic Transnasal Approach without Significant Dysphagia or Airway Complications (Joshua Loewenstein, MD)
9:45am	Resident Research Presentation: Does the Management of Indeterminate Spinal Instability Impact Length of Ambulation and Survival? (Brian Dial, MD)
9:50am – 10:30am	Break / Visit Exhibits
10:30am	Spine Tumor Surgery Case Studies (Oren Gottfried, MD, Wesley Hsu, MD, Sivakumar Jaikumar, MD)
10:50am	Image Guidance and Robotic Surgery Round Table (George Huffmon, III, MD, FACS, Peter Steenland, III, MD, MPH)
11:20am	Questions / Discussion / Prize Drawing
11:30am	Adjourn

Rizzo Gardens



MEETING REGISTRATION FORM

NC SPINE SOCIETY 2018 ANNUAL MEETING - AUGUST 24-26, 2018

Rizzo Center, Chapel Hill, NC

Register securely online at <http://www.cvent.com/d/ygq1yl>

1. PERSONAL INFORMATION (Please print)

Complete this registration form (one per person) and return by fax or mail with payment due.

Name: _____ Degree(s) inc MD, FACS: _____

Practice Name: _____

First Name for Badge: _____ Last 4 Digits of SSN (required for CME): ____ _

Address: _____

City/State/Zip: _____

Phone: _____ Mobile Phone (for emergencies): _____

E-mail: _____

Spouse/Guest Name (if attending): _____ Spouse/Guest Badge Name: _____

Emergency Contact: (Name) _____ (Phone) _____

Dietary Restrictions: _____ Special Needs: _____

2. REGISTRATION FEES (Neighboring state society members may attend at the NC member rate; 2018 dues must be current to qualify for member rate.)

	Prior to 8/1	After 8/1
____ Physician-NCSS member	\$250.....	\$300
____ NCSS non-member Physician, PharmD or PhD.....	\$475.....	\$525
____ Resident/Fellow/Medical student.....	\$-0-.....	\$-0-
____ Emeritus/Retired member.....	\$150.....	\$200
____ Physician extender/Mid-level provider.....	\$125.....	\$175

Handouts will be available electronically for download. If you prefer to have a printed, paper copy of the lecture handouts, you may purchase a paper syllabus for \$25; check here to order a paper syllabus: _____

3. SOCIAL ACTIVITIES Pre-registration required for all functions. Please indicate number attending, for catering and seating purposes:

- | | |
|--|---|
| ____ Friday Reception @ n/c | ____ I will participate in the hands-on labs on Saturday afternoon. |
| ____ Friday Dinner Program – registrant @ n/c | ____ I will require transportation to UNC Hospitals for the labs. |
| ____ Friday Dinner Program – adult guest(s) @ \$50 | ____ Saturday Reception @ n/c |
| ____ Saturday Golf Tournament @ \$100 | ____ Saturday “After-Party” @ n/c (dinner on own) |
| Handicap or average score _____ | Preferred pairing _____ |

4. TOTAL FEES (Total of sections 2 and 3; include additional \$25 for paper syllabus.) No refunds after August 17.

Enclosed is check # _____ for \$ _____ payable to NCSS, or

Credit Card Type: Visa _____ MasterCard _____ American Express _____

Name as it appears on Credit Card: _____

Account #: _____ - _____ - _____ Exp. Date: ____ / ____ Security Code: _____

Billing Address and Zip Code: _____

Register securely online, or send this form with payment to: NCSS, PO Box 27167, Raleigh, NC 27611 / Fax: (919) 833-2023

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NCSS
PO Box 27167
Raleigh, NC 27611