2015 ANNUAL MEETING
August 21-23, 2015
The Pinehurst Resort
Village of Pinehurst, NC

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

The North Carolina Spine Society is pleased to announce its 2015 Annual Meeting, to be held at the historic Pinehurst Resort in Village of Pinehurst, North Carolina. 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 2015 Annual Meeting features an expanded, three-day format for additional educational hours!

Objectives

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

• Review emerging surgical techniques and associated outcome measures.
• Assess how new techniques and technologies can reduce perioperative and postoperative morbidity while giving good results.
• Evaluate the potential advantages, disadvantages and rate of complications for the various surgical approaches to the thoracolumbar spine for degenerative spinal conditions.
• Assess advancement of the evaluation and management of adult spinal deformity.
• Discuss strategies to reduce blood loss and complications and improve outcomes.
• Discuss emerging surgical techniques to potentially lower intraoperative radiation exposure.
• Identify the current recommended indications/contraindications for specific spine surgery procedures.
• Assess the benefits of a minimally invasive posterior approach to fixation and decompression.
• Demonstrate a method for predicting endplate size based on patient characteristics and vertebral level.
• Discuss possible advantages of the oblique approach to the spine as an effective minimally invasive option for spine fusion.

AMA PRA Category 1 Credit™ - 7.0 hours

Credit Statement

The Southern Regional AHEC designates this live activity for a maximum of 7.0 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 (7.0 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.

Resort Features and Accommodations

The Pinehurst Resort is a four-diamond, family-friendly resort featuring so much more than its world-class golf courses! Lawn sports, a European-style spa, tennis courts, shops, and a fitness center are onsite, and nearby are antique and pottery shops, upscale boutiques, equestrian activities, museums and more. Advance reservations are required for most dining outlets and recreational activities. To secure your accommodations, please use the form in this brochure or call the Pinehurst Resort at (877) 934-8106.
The NCSS has set aside a block of rooms at a special rate of just $180 plus 10% resort fee and taxes per night. The resort fee covers gratuities, afternoon tea, use of the fitness center, tennis courts, putting green, bicycles, valet and self-parking, and on-demand, on-property transportation. Please be aware that the resort does have a 30-day cancellation policy. **The cut-off date to make reservations is July 21.** Don’t delay!

Optional Golf Tournament

The Pinehurst Resort is world-famous for its golf courses. On Saturday afternoon, August 22, we will hold the traditional golf tournament on Pinehurst #8. 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 lunch, 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 https://www.123signup.com/event?id=pgspc, or complete the form in this brochure and return it with payment prior to July 22. 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 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 14. Refunds, less $25, will be made for cancellations received prior to that date.

Americans with Disabilities Act

Southern Regional AHEC and the NCSS 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.

Questions?

If you have questions about the 2015 Annual Meeting or need assistance, contact the NCSS at (919) 833-3836 or (800) 722-1350, or nlowe@ncmedsoc.org.
Featured Speaker

Christopher I. Shaffrey, MD, FACS
John A. Jane Professor of Neurosurgery
Professor of Neurological Surgery
Adjunct Professor of Orthopaedic Surgery
University of Virginia School of Medicine
Charlottesville, VA
Director, American Board of Neurological Surgeons
Chair, International Meeting on Advanced Spinal Techniques

Program Faculty

Deb Ashish Bhowmick, MD
UNC School of Medicine

Todd M. “Matt” Chapman, Jr., MD
OrthoCarolina

Robert E. Desmond, JD
Smith Anderson

Charles S. Haworth, MD
Cape Fear Valley Neurosurgery

Tamara Johnson, RN, RHIA
MagMutual Patient Safety Institute

Stephen W. Keene, JD, MBA
North Carolina Medical Society

Adrienne Soo, BS (Medical Student)
UNC School of Medicine

NCSS 2014-15 Officers

Charles S. Haworth, MD
President & Program Chair
Fayetteville, NC

Gurvinder S. Deol, MD
President-Elect
Raleigh, NC

Samuel J. Chewning, Jr., MD, MBA
Vice President
Charlotte, NC

Deb Ashish Bhowmick, MD
Secretary-Treasurer
Chapel Hill, NC

Paul Kim, MD
Immediate Past President
Charlotte, NC

Alan Skipper, CAE
Executive Director
Raleigh, NC

MARK YOUR CALENDAR!

2016 NCSS Annual Meeting
August 12-13, 2016
The Umstead Hotel & Spa
Cary, NC
Friday, August 21

4:30pm – 6:30pm  Registration
6:00pm – 7:30pm  Welcome Reception / Networking Hub
7:30pm – 9:30pm  Dinner (pre-registration required)
8:15pm  Welcome and Introductions (Charles S. Haworth, MD, President and Program Chair)
8:30pm  Trends in Spine Surgery (Christopher I. Shaffrey, MD, FACS)

Saturday, August 22

7:00am – 12:00pm  Registration
7:00am – 8:00am  Continental Breakfast / Networking Hub
8:00am  Welcome and Introductions (Charles S. Haworth, MD)
8:05am  Updates in Deformity Surgery (Christopher I. Shaffrey, MD, FACS)
8:45am  Questions/Discussion
9:00am  Anterior Retroperitoneal Placement of Transvertebral Bohlman-Type Graft Allows for Treatment of High-Grade Lumbosacral Spondylolisthesis with Minimally-Invasive Posterior Screw (Deb Bhowmick, MD)
9:10am  Avoidance of Three Column Osteotomies in Spinal Deformity Surgery (Todd Chapman, Jr., MD)
9:20am  Topical Administration of Vancomycin is Safe and Effective in the Surgical Management of Spinal Osteomyelitis (Deb Bhowmick, MD)
9:30am  Business Meeting (no credit will be awarded)
10:00am – 10:30am  Break / Networking Hub
10:30am  SGR, CON, Legislative and Regulatory Updates (Steve Keene, JD, MBA)
11:10am  Reducing Risk and Maximizing Benefit: Strategies for Surgeons (Tamara Johnson, RN, RHIA)
12:00pm  Adjourn
12:00pm – 1:00pm  Networking Lunch (included in registration fee)
1:40pm  Optional Golf Tournament on Pinehurst #8 (pre-registration required)
Free afternoon. Advance reservations are recommended for the Spa.
Dinner on your own. Advance reservations are recommended for the Resort’s various dining outlets.

Sunday, August 23

7:00am – 11:00am  Registration
7:00am – 8:00am  Continental Breakfast / Networking Hub
8:00am  Welcome & Introductions (Charles S. Haworth, MD)
8:05am  Anterior versus Posterior Approach: What Are the Advantages and Disadvantages of Each Approach? (Christopher I. Shaffrey, MD, FACS)
8:45am  Questions/Discussion
9:00am  Prediction of Cervical Endplate Size: One Size Does Not Fit All (Adrianne Soo, BS, Student)
9:10am  Minimally Invasive Oblique Lumbar Interbody Fusion (OLIF), Effects on Intraoperative Neuromonitoring, Rates of Vascular Injury, and Postoperative Lumbar Plexus Injury (Deb Bhowmick, MD)
9:20am – 10:00am  Break / Networking Hub
10:00am  Risk Management: Lessons from Closed Claims (Robert E. Desmond, JD)
10:50am  Q&A
11:00am  Navigation of the Lateral Transpsoas Approach using the SpineMask Reference System (Charles S. Haworth, MD)
11:30am  Questions/Discussion
12:00pm  Adjourn
1. Personal Information (Please print)

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

Name: ___________________________________________Degree(s): ____________________________

Practice Name: ______________________________________________________________________________

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

Address: ______________________________________________________________________________________

City/State/Zip: __________________________________________________________________________________

Phone: ___________________________ Fax: ___________________________ E-mail: ________________________________

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

Emergency Contact: (Name) ___________________________________ (Phone) _____________________________________________________________________________________

Dietary Restrictions: ___________________________________________ Special Needs: ________________________________

2. Registration Fees (SC members may attend at the NC member rate; 2015 dues must be current to qualify for member rate.)

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<td>Resident/Fellow/Medical student</td>
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<td>Emeritus/Retired member</td>
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<tr>
<td>Physician Extender/Allied Health Professional</td>
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Handouts will be available for download online. 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 (Lunch for registrants on Saturday is included in registration fee. Pre-registration required for all functions.)

Please indicate number attending:

- Friday Reception @ n/c
- Friday Dinner – registrant @ n/c
- Friday Dinner – adult guest(s) @ $50
  Additional Guest Name(s):
  Handicap or average score ___________________________ Preferred pairing ___________________________
- Saturday Golf Tournament @ $200
  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 14.

Enclosed is check # ___________ for $ ___________ payable to NCSS, or

Credit Card Type: Visa _____ MasterCard _____ (American Express is not accepted.)

Name as it appears on Credit Card: ___________________________

Account #: ___________________________ Exp. Date: ______ / ______ 3-digit CVV#: ___________

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
2015 NC Spine Society Annual Meeting

Booking ID # 42118

Friday, August 21 - Sunday, August 23, 2015

We look forward to welcoming you to Pinehurst! Please take a moment to fill out this reservation form to ensure your accommodations for your upcoming visit. Pinehurst requires that your reservation request form be completed and returned on or before Tuesday, July 21, 2015. Reservation forms received after this date will be processed on a "space-available basis". Pinehurst consists of a variety of accommodations including the Carolina, Villas, Holly Inn, The Manor and Condominiums. THE RESORT WILL MAKE EVERY EFFORT TO HONOR SPECIFIC ROOM REQUESTS. If your request is not available, the best substitution will be made.

DAILY RATES: European Plan  LOCATION: Carolina Specific

** Should the number of group room reservations exceed what has been contracted for the Carolina, Pinehurst may need to place the additional reservations requests in other lodging accommodations within the Resort.

(Please Check Desired Occupancy)

| Single Occupancy: $180 per room per night | Double Occupancy: $90 per person per night |

(One person per room) (Two or more people per room)

Rates are per person, per night and include your lodging only.

Arrival Date ___________________________  Departure Date ___________________________

Check-In Time: 4:00 PM       -       Check-Out Time: 12:00 NOON

RESORT SERVICE FEE & STATE SALES TAX: For your convenience a 10% resort service fee will be added to your account. State sales tax of 6.75% and occupancy tax of 3% are additional. The Resort Service Fee covers the following amenities and services: unlimited use of the fitness center, bicycles, practice putting greens, pitching areas, driving range, in-coming faxes, afternoon tea in the Carolina, self & valet parking, on-call transportation, outdoor pools and beach club (based on seasonal availability). Package meal gratuities for staff in the dining venues as well as the bell and door staff are also included. For non-package meals and beverages in our resort dining outlets a separate 18% service charge is added to your account. Housekeeping and transportation staffs do not participate in the resort service fee. Gratuities in addition to the above and for any other resort staff are at your discretion.

DEPOSIT AND CANCELLATION POLICY: A deposit representing one night's rate per person is charged at the time the reservation is made. Pinehurst must receive notice of any cancellation at least 30 days prior to date of arrival in order to refund a deposit.

Please complete and fax or mail with deposit to:

GROUP RESERVATIONS
FAX: 910-235-8240
PHONE: 877-934-8106

PO BOX 4000, VILLAGE OF PINEHURST, NC 28374-4000

ROOMS TO BE OCCUPIED BY: (Type or Print all names)  (ALL GUESTS WILL BE CHARGED A ONE-NIGHT ROOM DEPOSIT)

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SHARING ROOM WITH

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CREDIT CARD INFORMATION FOR ROOM DEPOSIT(S):

Credit Card Name & Number ___________________________________________ EXP ________

Card Holder Name ________________________________________________

Card Holder Authorized Signature: _________________________________