There are relatively few educational opportunities for nurses who wish to participate in spine care specialty training. For those taking care of patients with spine pathology, a fundamental knowledge base and a similar language and terminology will enhance communication among practitioners and ultimately improve patient care and outcomes. This one-day course will review spine anatomy and terminology. There will be discussion about various spine pathologies and procedures. Participants will be introduced to topics related to physical exam, perioperative complications, psychosocial aspects of perioperative care and pain management. A multidisciplinary faculty will present information about the role of interventional spine techniques, physical therapy and chiropractic care. Faculty will emphasize the importance of an interdisciplinary approach to caring for patients with spine pathology.

Upon completion of this course, participants should gain strategies to:

- Recall basic anatomy and terminology of spine diagnoses and procedures, and incorporate that knowledge into effective interdisciplinary communication;
- Recognize perioperative complications based on the procedure performed, and patient symptoms and signs (physical exam);
- Identify the utility of the various disciplines in the setting of an interdisciplinary care model for patients with spine pathology.

### Agenda

**Anatomy of the Spine**
*Rick Placide, MD, PT*

**Introduction to Spine Terminology/Pathology**
*Corri Payton, BSN, MSN, ANP*

**Introduction to Surgical Procedures**
*Eric Buchl, PA-C*

**Introduction to the Spine Imaging**
*Corri Payton, BSN, MSN, ANP*

**Introduction to the Physical Exam**
*John Metzler, MD*

**Psychosocial Aspects of Perioperative Spine Care**
*Sherri Weiser, PhD*

**Sawbones Demo for Live and Virtual Attendees**
*Rick Placide, MD, PT*

**Physical Therapy/Chiropractic Care of the Spine**
*Ryan Tauzell, MA, PT, MDT and Greg Whitcomb, DC*

**Interventional Spine Care**
*John Metzler, MD*

**Floor Nursing Breakout: Postop Pain Management, Pharmacology Review**
*Rick Placide, MD, PT*

**Nursing Breakout: Pregnant Positioning in the OR**
*Tabitha Stith, ARNP*

**Floor Nursing Breakout: Postop Complications**
*Tabitha Stith, ARNP*

**Nursing Breakout: Intraoperative Neurophysiological Monitoring**
*Chris Madson, REPT, CNIM*

**Nursing Breakout: Spinal Fusion Biology**
*Rick Placide, MD, PT*
Faculty Disclosures

All participants provided estimated dollar amounts per the NASS Disclosure Policy through the NASS on-line disclosure module. NASS staff then translated that information into dollar ranges for purposes of this index, as well as for presentation at the course.

These ranges are as follows:
   None: Existing relationship but no remuneration in prior calendar year
   Level A. $100 to $1000
   Level B. $1,001 to $10,000
   Level C. $10,001 to $25,000
   Level D. $25,001 to $50,000
   Level E. $50,001 to $100,000
   Level F. $100,001 to $500,000
   Level G. $500,001 to $1M
   Level H. $1,000,001 to $2.5M
   Level I. Greater than $2.5M

Placide, Rick: Nothing to disclose.

Payton, Corri: Nothing to disclose.

Buchl, Eric: Nothing to disclose.

Weiser, Sherri: Trips/Travel: NASS (B).

Tauzell, Ryan: Nothing to disclose.

Whitcomb, Gregory: Speaking and/or Teaching Arrangements: NASS (A); Trips/Travel: NASS (B).

Metzler, John: Nothing to disclose.

Madson, Chris: Nothing to disclose.

Stith, Tabitha: Nothing to disclose.
Continuing Medical Education (CME) Information
This activity has been planned and implemented in accordance with the Essential Areas and Standards of the Accreditation Council for Continuing Medical Education (ACCME). The North American Spine Society is accredited by the ACCME to provide continuing medical education for physicians and takes responsibility for the content, quality and scientific integrity of this CME activity.

NASS designates this enduring material for a maximum of 6 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The American Medical Association has determined that physicians not licensed in the US to participate in this CME activity are eligible for AMA PRA Category 1 Credits™.

Nurses: Accreditation Statement: In support of improving patient care, this activity has been planned and implemented by AXIS Medical Education and the North American Spine Society. AXIS Medical Education is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team. Credit Designation for Nursing: AXIS Medical Education designates this continuing nursing education activity for 6.75 contact hours. Learners are advised that accredited status does not imply endorsement by the provider or ANCC of any commercial products displayed in conjunction with an activity.

AXIS Contact Information: For information about the accreditation of this program, please contact AXIS at 954-281-7524 or info@axismeded.org.

Meeting Evaluation/CME/CEU Certificates
Evaluations will be submitted electronically and course attendees will have the capability to print out a CME certificate once the evaluation has been completed. The link for the evaluation and certificate is www.spine.org/CME. Once you have completed your evaluation, you will be able to print your CME certificate.

Disclaimer
The material presented is made available by the North American Spine Society for educational purposes only. The material is not intended to represent the only, nor necessarily the best, method or procedure appropriate for the medical situations discussed; rather, it is intended to present an approach, view, statement or opinion of the faculty, which may be helpful to others who face similar situations. NASS disclaims any and all liability for injury or other damages to any individual attending the meeting and for all claims which may arise out of the use of the techniques demonstrated therein by such individuals, whether these claims shall be asserted by physicians or any other person.

NASS Financial Conflict of Interest Disclosure Policy
The NASS disclosure policy, adopted by the NASS Board of Directors at the 23rd Annual Meeting in Toronto in October 2008, requires that participants disclose estimated dollar amounts of all relationships held in the calendar year preceding disclosure. NASS recognizes that professional relationships with industry are essential for development of new spine technologies and medical advancement. According to the NASS Ethics Committee, which authored the policy, “the goal is to create an environment of scientific validity, in which learners can accurately judge whether the information they receive is objective and unbiased, and to be sure that our members are current and forthright in their dealings with one another and with their colleagues and patients.” The establishment of uniform disclosure requirements frees individuals from having to decide which relationships might influence his or her decision-making and which are irrelevant; transparent disclosure allows the audience to participate in the interpretation of the significance. Anyone speaking at a NASS meeting has been required to provide complete disclosure of all conflicts of interest. All faculty for this activity provided estimated dollar amounts per the NASS Disclosure Policy through the NASS online disclosure module. NASS staff then translated that information into dollar ranges for purposes of this index, as well as for presentation at the meeting.

Commercial Support Disclosure
As a sponsor accredited with commendation by the ACCME, the North American Spine Society must ensure balance, independence, objectivity and scientific rigor in all its sponsored activities. All individuals participating in a sponsored activity are expected to disclose to the activity audience any significant financial interest or other relationship (1) with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial services discussed in an educational presentation and (2) with any commercial supporters of the activity. ('Significant financial interest or other relationship' may include but is not limited to: grants or research support, employee, consultant, major stockholder, member of the speaker’s bureau, etc.) Disclosure information will be made available visually on a PowerPoint® slide before each presentation and in this handout. The intent of this disclosure is to ensure that all conflicts of interest, if any, have been identified and have been resolved prior to the speaker’s presentation. By doing so, the North American Spine Society has determined that the speaker’s or author’s interests or relationships have not influenced the presentation with regard to exposition or conclusion; nor does the Society view the existence of these interests or commitments as necessarily implying bias or decreasing the value of the presentation.