Selby Spine Symposium

RECENT CHANGES AT NASS
January 14, 2016
Park City, Utah
Eric Muehlbauer, MJ, CAE
Executive Director

NASS Mission Statement
NASS is a global multidisciplinary medical organization, dedicated to fostering the highest quality, ethical, value - and evidence - based spine care, through education, research and advocacy.

NASS Structure

Your mission: Should you accept it...
Recent Developments
Advocacy Council added to SIG
President of National Association of Spine Specialists
John Finkenberg, MD – Chair

Created the North American Spine Foundation
Michael Reed, DPT – Executive Director

Single Company Cadaver Course Allowed
(Dohring and Hillbrand)

Approximately 10,000 members now.
8500 dues paying members worldwide 1500 in transition.
2000 International members. 70% surgeons (Steady)

North American Spine Foundation
Michael Reed, DPT – Executive Director
10 x 25 campaign (Reduce spine related disability by 10% by 2025)

Congressional resolution passed:
114TH CONGRESS 1ST SESSION H. RES. II
Expressing support for designating of February 2016
as “National Spine Ability Month”.

www.spine.foundation
Please become a member

Key Changes
➢ 2 new At- Large Board Positions
  ➢ Level I Divestiture* not required
  ➢ Elected via popular vote
  ➢ 1 Surgeon, 1 non surgeon (Smuck/Chutkin)

➢ Ethics position no longer a board position
  ➢ David Rothman, MD, consultant to Board.

➢ Held leadership forums at each of the last 2
  annual meetings with general membership and
  past presidents.

➢ * no active consulting
  or speaker bureau roles,
no new royalty arrangements
Executive Leadership

- Chris Bono, MD (Ortho - 2016)
- F. Todd Wetzel, MD (Ortho - 2017)
- Dan Resnick, MD (Neuro - 2018)
- Jeff Wang, MD (Ortho)
- Bill Sullivan, MD (PMR)
- Heidi Prather, DO (PMR – 2015)

- 3 Orthopedic Surgeons
- 1 Neurosurgeon
- 2 PMR

Key Goal for 2016 – Work closer with AANS/CNS Washington Committee.

Edward Dohring, MD (Ortho) EDUCATION COUNCIL
- Alan Hillbrand, MD (Ortho)
- Donna Ohnmeiss, PhD (Research Orthopedics)

Charles Reitman, MD (Ortho) RESEARCH COUNCIL
- Charles Cho, MD (Interventional Radiology)
- Zoher Ghogawala, MD (Neurosurgery)

Eric Truumees, MD (Ortho) DEVELOPMENT COUNCIL
- Jerome Schofferman, MD (Pain Medicine)
- Mitch Harris, MD (Ortho) Section Development (Open)

David O’Brien, MD (PMR) HEALTH POLICY COUNCIL
- Joseph Cheng, MD (Neurosurgery)

Finkenberg, John, MD (Ortho) ADVOCACY COUNCIL
- Matthew Smuck, MD (PMR)
- Norman B. Chutkan, MD (Ortho)
- David Rothman, PhD (Consultant to Board)

NASS Headquarters

- Spine Education & Research Center (SERC)
  - SERC is the premier facility for spine education and research. It holds dynamic hands-on and didactic courses for all medical professionals. SERC was developed by the North American Spine Society (NASS) and houses NASS headquarters. www.chicagobioskillslab.org
  - 4.5 acre site located ¼ hour away from downtown Chicago.
  - 40,000 square foot, high tech facility integrates the latest systems, communications and audiovisual technologies
  - Close to both Midway (15 mi) and O’Hare (25 mi) airports.
  - Two Marriott Properties—one adjacent to the facility and a second located 1/2 mile away
  - Near the new Burr Ridge Plaza that has fine restaurants, the Kohler Water Spa, a Lifetime Fitness and over 30 stores
  - Non-Resort Location – Passes Compliance Tests.

- JJ Abitbol, MD, Medical Director
NASS Strategic Initiatives
Support and Advance Innovation
Improve communications with industry partners
- Especially in coding and reimbursement matters
- Coding and Reimbursement for new technologies
  - Coverage recommendations
  - Commenting on insurance company policies
  - Offering meetings with industry during product development
  - Improve understanding of nuances of coding
  - Better understanding of pros and cons of various approaches.
- NEW CPT ADVISOR in 2016
  - Creating a Guidance Document for new technology development
  - Navigating the legal, regulatory, coding and reimbursement environments.

NASS Strategic Initiatives
Improve member connections
- Higher Logic and Spine Connect
  - Online discussion groups
  - Program chairs, faculty, committee chairs, section chairs stimulate discussions.
- Case discussions among members online
  - Sharing tough cases
  - Discussion of optimal approaches to various conditions
  - Not limited to clinical care issues.
  - Practice management, coding, compliance, research, advocacy,
  - Employment matters.
- Improve spine care via collaboration
  - Junior and senior members involved
  - Many international members involved too

NASS Strategic Initiatives
Advance Digital Media Usage
- Developing on-line, on-demand digital media
- NASS Video Team
  - Promotional videos
  - Leadership videos
  - Public service announcements
  - Nine for Spine
  - Choosing Wisely
  - Patient Education videos
  - Physician training videos
  - Cervical Exercise
  - Webinars
  - Other educational videos
  - Annual meeting on line or on demand viewing
**NASS Strategic Initiatives**

**Section Development**

Requirements:
1. Precourse and/or symposium at the NASS annual meeting
2. Develop & maintain microsite content
3. 1 SpineLine Article
4. Develop education content
   - A) Create a 60-90 minute webinar or series
   - B) Create a video – educational / CME
   - C) Host a SERC course

Electives:
1. Section Blog – SpineConnect!
2. Patient education (brochure or video)
3. Publish Guidance Document
4. Advocacy / Health Policy project
5. Research project

Future:
1) Own Annual Meetings??

**NASS Strategic Initiatives**

**International Development**

- Increasing numbers of international members
  - Approx. 2000 now
- Global Spine Forum at Annual Meeting
  - Presentations of leadership from at least 10 countries
- International hands on workshops
  - 1st time at 2015 AM
  - Recent effort in Beijing with CAOS
    - 1000 on site 26,000 online
  - Shanghai January 2016 (200 in lab) 4000 online
- Collaboration with various int’l entities on education
  - Brazil Spine Society
  - Chinese Orthopedic Association
  - Chinese Association of Orthopedic Surgeons
  - AO Spine Global Spine Forum
  - The Spine Journal
    - South Korean Edition
    - Others to come (indonesia, Thailand, Germany, etc.)

**Education**

Fellowship Match Program

International Fellowship Program

Accredited Provider of CME –

“Accreditation with Commendation”

- Awarded in 2015
2016 CME

January 22-23 Lumbar Spinal Injections

March 18-19 Section on Robotics and Navigation: Improving Accuracy and Efficiency in Navigated and Robotic Spine Surgery

April 8-9 Coding Update 2016: Essentials & Controversies in Spine Coding

April 22-23 Cervical Spine Surgery

May 20-21 Lumbar Spinal Injections

September 16-17 Section on Allied Health: Psychologically Informed Practice

September 23-24 Fundamentals of Spine Surgery & Interventional Pain Mgmt

October 24-25 Coding Update 2016: Essentials and Controversies in Spine Care Coding

2016 Conferences

February 24-27 12th Annual Evidence & Technology Spine Summit, Park City, UT

May 16-20 SpineWeek, Singapore

July 20-23 Summer Spine Meeting, Miami, FL

October 26-29, 31st Annual Meeting, Boston, MA

2016 Online Education

- Nothing to Hide: Disclosure and Professionalism for the Spine Care Provider
- Practice-based Issues in Spine Care - Webinar series
- The Art & Science of the Physical Examination
- State-of-the-Art in Motor Control
- Pharmacology & Opioids
- How to Do a Quality Manuscript Review (The Spine Journal Editorial Board) – Webinar and online course
- Annual Meeting, Evidence & Technology Spine Summit, Summer Spine – Live stream and OnDemand
- Podcasts/Educational Videos
- Ask the experts, case presentations, debates
2016 Online Education

• NEW Cervical Spine Degenerative Disorders and Management
• Exercise-based Management of Lumbar Spine Pain: An Algorithmic Approach to Decision-making
• ICD-10
• NEW Leading Change: Preparing for the Future of Healthcare
• MRI of the Spine: Essentials for the Spine Specialist
• NEW Understanding and Developing Online Strategies for Growing Your Practice or Business

2016 Online Education

• Section on Biologics and Basic Research
  – Infection Control
  – Osteoporosis and the Elderly
  – BMP: Post-YODA Risk Management
• Section on Radiology: MRI Essentials for the Spine Specialist
  – Anatomy, Systematic Approach and Other Modalities
  – Cervical and Lumbar MRI
  – Advanced MRI Techniques
• Section on Allied Health: Collaborative Concepts in Spine Care
  – Triage
  – Medical Necessity
  – An Integrated Model

2016 International Development Activities

• 2016 International Development Preliminary Highlights
• 15 International programs
• 6 International cadaver workshops
• Launch of international fellowship programs
• Working with the following companies: GS Medical, Whale Imaging, Medtronic, Nalon, Sanyou, Wego, Boston Scientific, St. Jude, Halyard, Slimwave, and Johnson and Johnson Biologics, Bovie Medical, PSC Corp China, BoTEC, SMTP Technology and Bojin among others.
2016 International Programs

• North American Spine Society and Chinese Association of Orthopaedic Surgeons: Advanced Techniques in Complex Spine Surgery Cadaver Demonstrations, Workshops, and Lectures
  • Venue: PARTI Center, Huashan Hospital, Fudan University, Shanghai, China
  • Date: January 8–9, 2016
• North American Spine Society and Spine Society of Thailand Operative Spine Conference: An Evidence-Based Approach to Spine Care
  • Hosts: Spine Society of Thailand (SST) under Royal College of Orthopaedic Surgeons (RCOS)
  • and Surat Thani Hospital; Venue: Surat Thani, Thailand
  • Date: January 19 - 21, 2016

2016 International Programs

• North American Spine Society and AOSpine’s Global Spine Congress Society Symposia
  • Venue: Dubai, UAE, Grand Hyatt Dubai Convention Center
  • Date: April 13 - 16, 2016
• North American Spine Society and Dubai International Spine Conference and Workshop
  • Venue: Dubai, UAE, Emirates Towers
  • Date: April 23 - 25, 2016
• North American Spine Society and Spineweek
  • Venue: Marina Bay Sands Expo and Convention Center, Singapore
  • Date: May 16 - 20, 2016

2016 International Programs

• North American Spine Society and Chinese Association of Orthopaedic Surgeons: Master Techniques in Spine Surgery Cadaver Demonstrations, Workshops, and Lectures
  • Venue: Chengdu, China, Huaxi Hospital Cadaver Training Center
  • Date: May 19 - 22, 2016
• North American Spine Society and the International Musculoskeletal Society Technique Workshop
  • Venue: Saint Joseph University, Beirut, Lebanon
  • Date: July 2016
2016 International Programs

- North American Spine Society and World Congress on Low Back and Pelvic Girdle Pain
  - Venue: Marina Bay Sands Expo and Convention Center, Singapore
  - Date: October 31 – November 3, 2016

- North American Spine Society and Surgical Training Institute International Workshop I and II
  - Venue: Boston Convention and Exhibition Center, Boston, Massachusetts. Date: October 24, 2016

- North American Spine Society and Chinese Orthopedic Association
  - Venue: Chongqing Yuelai International Convention Center, Chongqing, China
  - Date: Thursday, November 17, 2016

- North American Spine Society and German Spine Society
  - Date: December 8 - 10, 2016

- Havana Spine Course: Cadaver Demonstration and Workshop
  - Venue: Havana, Cuba
  - Date: 2016 - 2017

International Observational Fellowships (26 placements made in 2015)

- 1) Mount Sinai Beth Israel;
- 2) Norton Leatherman Spine Center;
- 3) University of Southern California Spine Center;
- 4) University of California;
- 5) Stanford University School of Medicine;
- 6) Texas Back Institute;
- 7) Boston University School of Medicine;
- 8) The Spine Institute of Arizona;
- 9) Kaiser Permanente Regional Spine Surgery Center;
- 10) Washington University School of Medicine;
- 11) Spine Education and Research Institute;
- 12) OrthoIndy Spine;
- 13) University of Maryland Department of Orthopaedics;
- 14) New England Baptist Hospital;
- 15) Bassett Spine Care Institute;
- 16) Cleveland Clinic;
- 17) Jefferson Medical College / The Rothman Institute;
- 18) Indiana Spine Group;
- 19) University of Wisconsin School of Medicine;
- 20) Alarac Orthopaedic Medical Group;
- 21) Massachusetts General Hospital;
- 22) KU School of Medicine;
- 23) Emory University School of Medicine;
- 24) University of California;
- 25) Medical Associates of North Georgia;
- 26) Andrews Sports Medicine & Orthopaedic Center;
- 27) Alabama Ortho & Spine Center, Birmingham;
- 28) Synergy Spine Center;
International programs interested in participating:

• Children's Hospital, Olsztyn, Poland;
• Clínica Las Condes Traumatología Lo Fontecilla, Santiago, Chile;
• Royal Victoria Hospital, Belfast, UK.

Future Annual Meetings

<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
<th>Meeting Details</th>
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<tbody>
<tr>
<td>Wed, Sept 26, 2016</td>
<td>Sat, Sept 29, 2018</td>
<td>33rd Annual Meeting Los Angeles</td>
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<tr>
<td>Wed, Sept 25, 2016</td>
<td>Sat, Sept 28, 2019</td>
<td>34th Annual Meeting Chicago</td>
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<tr>
<td>Wed, Oct 18, 2023</td>
<td>Sat, Oct 21, 2023</td>
<td>38th Annual Meeting Los Angeles</td>
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<tr>
<td>Wed, Sept 25, 2024</td>
<td>Sat, Sept 28, 2024</td>
<td>39th Annual Meeting Chicago</td>
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<td>Wed, Oct 15, 2025</td>
<td>Sat, Oct 18, 2025</td>
<td>40th Annual Meeting San Diego</td>
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<td>Wed, TBD, 2026</td>
<td>Sat, TBD, 2026</td>
<td>41st Annual Meeting TBD</td>
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<tr>
<td>Wed, Sept 22, 2027</td>
<td>Sat, Sept 25, 2027</td>
<td>42nd Annual Meeting Boston</td>
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New! NASS Coverage Policy Recommendations eBook
Published Coverage Recommendations:

1. Cervical Artificial Disc Replacement (REVISED)
2. Cervical Fusion
3. Cervical Laminoplasty
4. Endoscopic Discectomy
5. Epidural Cervical Injections
6. Interpinal Device without Fusion
7. Interpinal Fixation with Fusion
8. Laser Spine Surgery
9. Lumbar Artificial Disc Replacement
10. Lumbar Discectomy
11. Lumbar Epidural Injections
12. Lumbar Fusion
13. Lumbar Laminectomy
14. Lumbar Laminotomy
15. Percutaneous Sacroiliac Joint Fusion
16. Percutaneous Thoracolumbar Stabilization
17. Recombinant Human Bone Morphogenetic Protein (rhBMP-2)
18. Sacroiliac Joint Injections

Coverage Recommendations in Process...

19. Advanced Imaging (MRI)
20. Biologics
21. Cervical Laminectomy
22. Cervical and Lumbar Radiofrequency Neurotomy
23. Coccygectomy
24. Discography
25. DNA-based Scoliosis Test
26. Electrical Stimulation for Bone Healing
27. Facet Joint Blocks
28. Intraoperative Neurophysiologic Monitoring
29. Kyphoplasty/vertebroplasty/sacroplasty
30. Percutaneous Discectomy and other Percutaneous Decompression Procedures
31. Percutaneous Lumbar Fusion
32. Pain Pumps
33. Physical Therapy
34. Sacroiliac Radiofrequency Neurotomy
35. Spinal Cord Stimulation
36. Spinal Manipulation
37. Spine Radiosurgery
38. TENS and other Electrical Stimulation for Back Pain
39. Thoracic and Thoracolumbar Fusion

NASS Research

Evidence Based Clinical Guidelines:

Published Topics:

1. Diagnosis and Treatment of Adult Isthmic Spondylolisthesis
2. Diagnosis and Treatment of Degenerative Spondylolisthesis (REVISED)
3. Diagnosis and Treatment of Lumbar Disc Herniation with Radiculopathy
4. Antibiotic Prophylaxis in Spine Surgery (REVISED)
5. Diagnosis and Treatment of Degenerative Lumbar Spinal Stenosis (REVISED)
6. Diagnosis and Treatment of Cervical Radiculopathy from Degenerative Disorders
7. Antithrombotic Therapies in Spine Surgery
Evidence-based Guideline Development

- 2015-16 Topic - **Low Back Pain**
  - Multi-society representation:
  - 12 societies
  - 60+ volunteers
  - Due mid 2016
  - Topics chosen complement & support AUC development

NASS Research

**Appropriate Use Criteria:**

**Published Topic:**
1. Cervical Fusion

**Anticipated Topics:**
1. Degenerative Spondylolisthesis
2. Isthmic Spondylolisthesis

NASS Registry Pilot Update

Diagnosis-based observational registry
NASS Spine Registry Pilot

**Purpose**
- Research/quality improvement for spine care.
- Collect de-identified data to enhance understanding of spine care treatments, resulting patient outcomes, as well as examine natural history of spine disorders.

**NASS Spine Registry Pilot**

- **Overview**
  - 13 Sites (including NASS leadership)
  - Surgical and nonsurgical providers
  - 1000 Patients
  - Web-based platform

**What**
- Collects de-identified data on spine care from diverse sites relative to specialty and practice setting
- Pilot will test system & administrative burden to sites and cost to participate
  - Making edits to the methods and system as we go to speed up the process for an end launch
What Gets Collected

- Patient Initial
  - Demographics
  - Care (Previous & Current)
  - Medications
  - Patient Reported Outcomes Instruments (ODI, EQ-5D-5L, NRS)
- Follow-up
  - Patient Reported Outcomes Instruments
  - Medications
  - Interventions since last visit
  - Work & job satisfaction
  - Patient satisfaction

Physician Site Initial
- Diagnosis
- Comorbidities
- Non-Procedural Tx
- Procedural Tx
- Follow-up
  - New interventions
  - Post-intervention complications w/i first 30 days

Methods
- Web-based
  - No software purchase
  - Ability to push and pull data
  - Patient emails
  - EHR data pull
  - Direct web-based entry
  - Paper

The Spine Journal

- TSJ Editorial Board: One EIC, 13 Deputy Editors, 600+ Associate Board, Advisory Board, Special Consultant and Non-board Reviewers.
- Editor in Chief rotates in 2018 with transition to begin in 2017.
- Open Access Journal to launch in 2016-17.

Section Development

- 7 Sections:
  - Allied Health
  - Biologics & Basic Research
  - Rehabilitation, Interventional & Medical Spine
  - Spine Motion Technology
  - Minimally Invasive Procedures
  - Radiology
  - Robotics & Navigation
Thank you