

Evaluation and Treatment of Adult Spinal Deformity: Skull to Sacrum

Tuesday, October 24, 2017
NASS Annual Meeting Pre-Course
Orlando, FL

Chairs: Jason W. Savage, MD; Michael P. Steinmetz, MD

This comprehensive adult spinal deformity course will provide in-depth coverage of all areas of the spinal column from the skull to the sacrum. Through expert lectures, moderated case discussions and cadaveric bioskills sessions, spine surgeons will gain practical knowledge and technical skills to improve the care they provide to their spinal deformity patients.

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

- Recognize various forms of cervical deformity, patient presentations, symptoms, evaluation and surgical treatment;
- Differentiate features of Adult De Novo Degenerative Lumbar Scoliosis, presenting symptoms including spinal stenosis, evaluation, operative and nonoperative treatments;
- Identify issues involved with revision spinal deformity patients, avoidance of complications, optimal spinal balance, pelvic parameters, and principles and techniques of revision spinal reconstruction.

Credits

The North American Spine Society designates this live activity for a maximum of 7.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

7:30-7:55	Continental Breakfast
7:55-8:00	Welcome and Course Introduction <i>Jason W. Savage, MD; Michael P. Steinmetz, MD</i>
8:00-8:15	Cervical Spine Deformity <ul style="list-style-type: none">• Evaluation of Cervical deformity• Etiologies of Cervical Deformity• Pre-operative planning and alignment objectives <i>Thomas E. Mroz, MD</i>
8:15-8:30	Surgical Approaches to the Upper Cervical Spine <ul style="list-style-type: none">• Occipital Cervical fusion<ul style="list-style-type: none">○ Indications and Techniques• Atlantoaxial fusion<ul style="list-style-type: none">○ Indications and Techniques• Latest technology for stabilization and fusion <i>Ajit A. Krishnaney, MD</i>

8:30-8:45

Subaxial Cervical Deformity

- Anterior Approaches
 - Indications and Techniques including osteotomies
- Posterior Approaches
 - Indications and Techniques including osteotomies
- Role of Circumferential Fusion
- Putting it all together (Treatment Algorithm)

Daniel Sciubba, MD

8:45-9:00

Cervicothoracic Junction

- Pathologies of the Cervicothoracic Junction
- Management of Cervicothoracic Kyphosis
- Cervicothoracic PSO

John H. Shin, MD

9:00-9:15

Break

9:15-9:30

Thoracolumbar Deformity

- Understanding radiographic parameters in adult spinal deformity
- Pre-operative planning
- Alignment objectives (and do they change as we age?)

Jason W. Savage, MD

9:30-9:45

Osteotomies for Posterior-Based Correction of Deformity

- SPO/Ponte/PSO/VCR
- Indications and techniques

Michael P. Steinmetz, MD

9:45-10:00

Role of Interbody Fusion (ALIF, TLIF, DLIF) in Degenerative Scoliosis

- Indications to perform ALIF, TLIF, DLIF (?)
- Obtaining fusion at the LS junction (Iliac screws, interbody)

Sigurd H. Berven, MD

10:00-10:15

Break/Change for Lab Sessions

10:15-12:00p.m.

Hands-on Skills Lab (Anterior and Posterior Cervical Stations)

Implant placement into the Occiput and Cervical Spine, Laminoplasty, Cervicothoracic PSO

12:00-1:00

Lunch with Case Presentations

Jason W. Savage, MD; Michael P. Steinmetz, MD

1:00-1:15

Proximal Junctional Kyphosis

- Etiology
- Prevention and Management

Patrick A. Sugrue, MD

1:15-4:30

Hands-on Skills Lab (Thoracolumbar, PCO, PSO, VCR, Iliac Fixation)

Spinal Osteotomies: SPO/ PSO/ VCR

4:30

Course Adjourns

Additional lab faculty

Gregory D. Schroeder, MD

Raymond J. Hah, MD