Fundamentals of Spine Surgery and Interventional Pain Management
Friday, September 23 – Sunday, September 25, 2016
Spine Education & Research Center
Burr Ridge, IL

Co-Chairs: Edward J. Dohring, MD; Donna M. Lahey, RNFA

Course Description
This course will introduce anatomic approaches to the cervical, thoracic and lumbar spine as well as surgical and interventional injection indications, principles, techniques, and skills. Panel discussion, lectures and case presentations will provide the background for extensive hands-on cadaver sessions where participants will have the opportunity to practice these techniques with faculty who are considered experts in their fields.

Attendees will have the unique opportunity to learn, about both non-operative (interventional injections) and operative (surgical) approaches in the treatment of spinal disorders. The focus of this educational experience will be to provide the fundamental knowledge and skills necessary in order to benefit the most from spinal fellowship training.

Upon completion of this course, participants should gain strategies to:
- Identify the indications for interventional and surgical procedures, as well as outcome parameters including potential complications;
- Demonstrate fundamental knowledge of spine anatomical structures and their relationship to each another;
- Describe the key anatomic landmarks in the spine necessary to perform safe interventional and surgical procedures;
- Incorporate knowledge learned and skills acquired in fellowship training and future practice.

Audience
This course is restricted to current spine fellows and to residents participating in match programs in the following fields, to ensure an optimal learning environment for all attendees: Orthopedic surgery, Neurosurgery, Radiology, Anesthesiology, Physical Medicine and Rehabilitation and Pain management. No exceptions will be made.

Credits
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.

The North American Spine Society designates this live activity for a maximum of 15 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
**Topics including, but not limited to**

Biomechanics of the Spine

Cervical Spine Pathology and Anatomy

Interventional Cervical Spine Procedures and Techniques

Surgical Approaches and Stabilization Techniques Part I: Anterior Cervical

Surgical Approaches and Stabilization Techniques Part II: Posterior Cervical

The Cervical Spine: Case Presentations and Panel Discussion

Adult Scoliosis: Overview, Radiologic Evaluation, and Classification System

Adult Scoliosis Correction and Fusion Techniques

Case Presentations and Panel Discussion

Management of Adult Degenerative Deformity

Overview of Lumbar Anatomy and Pathology

Indications and the Role of Interventional Diagnostic Lumbar Procedures

Surgical Approaches to the Lumbar Spine: Anterior

Surgical Approaches to the Lumbar Spine: Lateral and Posterior Spinal Navigation Assistance

Lumbar Complications: How to Recognize, Avoid and Treat

Overview of Spinal Imaging

Setting up Your Future Practice: Management, Trends, Coding and the Future

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**Hands-on Skills Lab**

Cervical Injections

Surgical Cervical Approaches: Anterior

Surgical Cervical Approaches: Posterior

Lumbar Injections

Lumbar Surgical Approaches: Posterior

Lumbar Surgical Approaches: Scoliosis

Direct Lateral

Lumbar Anterior

Lumbar Injections

Open Lab for Individual Instruction