Objectives:
• Review disc disease in a standardized manner in accordance with the new changes in disc nomenclature and lexicon.
• Distinguish disc slippage from herniation.
• Identify disc protrusions/ruptures that are likely sources of symptoms.
• Improve accuracy differentiating recurrent disc herniation and disc fragments from scar or other pathology.
• Recognize major degenerative conditions of the spine.
• Familiarize yourself with a variety of common spinal implants and their intended purpose. Recognize their proper positioning and potential complications.
• Review adult and pediatric spine trauma in addition to common fractures/dislocations. Identify important soft tissue components. Differentiate stable from unstable injuries. Corelata trauma by plain film, CT and MRI.
• Identify and differentiate various types of fluid collections within and adjacent to the spinal canal.
• Identify sacral pathology and become familiar with various treatment options.
• Recognize the various types of spinal vascular disease and associated complications.
• Identify and differentiate peripheral nerve pathology.
• Become familiar with the mechanisms behind, and manifestations of sports injuries relative to the spine.
• Recognize various forms of bone marrow pathology.
• Review spinal disease as manifested via Nuclear Medicine & PET...improve...distinguish...paravertebral soft tissue and spinal canal neoplastic disease in differentiating adult and pediatric spinal dysraphism and spinal neoplasms.
• Familiarize yourself with congenital malformations of the spine.
• Identify potential spinal cord and peripheral nerve stimulators.
• Become familiar with a wide variety of adult and pediatric spinal and paravertebral soft tissue interventional and therapeutic procedures. Recognize their appropriate use and potential complications as well as the impact these procedures can have on patient well-being.
• Explain the importance of vertebral augmentation in patient care and the controversies that continue to surround these procedures.
• Learn about the mechanism of action, appropriate use, appropriate placement and potential complications of spinal cord and peripheral nerve stimulators.
• Become familiar with common types of surgical procedures for degenerative and neoplastic spine disease. Increase awareness of the informational needs of the spinal surgeon when formulating their radixology report.
• Become better informed on the effects that governmental regulation, ACA, and ICD-10 will have on medicine.
• Learn about new treatment options using stem cell therapy.
• Gain “hands-on” experience with vertebral augmentation and associated complications.
• Recognize various forms of bone marrow pathology.
• Recognize their appropriate use and potential complications as well as the impact these procedures can have on patient well-being.
• Explain the importance of vertebral augmentation in patient care and the controversies that continue to surround these procedures.
• Learn about the mechanism of action, appropriate use, appropriate placement and potential complications of spinal cord and peripheral nerve stimulators.
• Become familiar with common types of surgical procedures for degenerative and neoplastic spine disease. Increase awareness of the informational needs of the spinal surgeon when formulating their radixology report.
• Become better informed on the effects that governmental regulation, ACA, and ICD-10 will have on medicine.
• Learn about new treatment options using stem cell therapy.
• Gain “hands-on” experience with vertebral augmentation and associated complications.

Course Description
This interactive course has been designed to provide attendees with an informational armamentarium sufficient in scope to address most of the challenges that spine pathology presents. This multidisciplinary course not only details current imaging aspects of spine radiology, but it also explores the clinical aspects. You will learn about recent changes in disc nomenclature and lexicon which will enable you to navigate the myriad of degenerative, infectious, inflammatory and neoplastic processes that affect your patient’s spine and provide a clear recommendation. You will also learn about new prognostic imaging developments in disease assessment as well as new and evolving therapeutic advances. As an attendee, you will be exposed to the physical examination process that takes place in the evaluation of a patient with spine pain. You will be better able to relate patient symptoms and history with diagnostic tests and learn to gain a better understanding of available treatment options. Options many of which can be performed by a radiologist or interventional pain physician or you will gain a better perspective of ICD-10, how medicine is being affected by improving regulations on reimbursement and you will gain a complete understanding of spinal surgery and what the spine surgeon needs to know. You will also have the opportunity to learn about new devices and be able to use those devices hands on workshop.

Disclosure:
It is the policy of the AOCR to comply with the Accreditation Council for Continuing Medical Education (ACCME) Standards for commercial support of CME Activities. All faculty participants in the AOCR program are required to disclose to the program audience any real or apparent conflicts of interest related to this meeting or its content. Faculty disclosure information is included in the course syllabus and will be disclosed by faculty as they present.

The American Osteopathic College of Radiology
Diagnostc and Interventional Spine 2014
October 9-12, 2014
The Westin O’Hare
Rosemont, Illinois
Thursday, October 9

7:00 am - Thursday, September 10

7:30 am - Breakfast

7:00 am - Registration

8:30 am - 10:20 am - Session 1: Degenerative Spine

10:20 am - Lunch on your own

12:00 pm - Session 2: Postoperative Spine

1:30 pm - Special Interventional Procedures for Facet Disease - Benyamin

11:30 am - ReduSpine vs. Neurogenic Clasification: Diagnosis and Treatment - Wong

12:30 pm - Lunch on your own

Focus Session 1: Degenerative Spine

7:30 am - How to Evaluate and Treat a Patient with Low Back Pain - Watanabe

8:00 am - Disc Nomenclature and Lesion - Watanabe

9:30 am - Degenerative Diseases of the Spine - Albers

10:30 am - Discography and Disc Interventions - Wong

Focus Session 2: Postoperative Spine

1:30 pm - Spinal Implants and Post-Operative Changes - Watanabe

2:30 pm - Neuroumobilization - Benyamin

3:30 pm - Interventions for the Postoperative Spine - Wong

4:30 pm - DFINE Workshop

Friday, October 10

7:00 am - Registration

7:45 am - Session 3: Special Spinal Measures

10:20 am - Hypalaxic Disease of the Spinal Canal - Hancock

11:15 am - MRI of Pathologic Bone Marrows - Albers

12:00 pm - Lunch on your own

1:30 pm - IOC-10 - Menchikanti

Focus Session 3: Special Spinal Measures

1:30 pm - Transaxially Guided Spinal Interventions - Stone

2:20 pm - Intramedullary Tumors in the Spine/Paravertebral Structures - O’Brien

3:00 pm - Interventional Procedures: Spine/Parenchymal Soft Tissues - Shieh

Focus Session 5: Sacrum and Adjacent Structures

4:30 pm - DFINE Workshop

Saturday, October 11

7:00 am - Registration

7:45 am - Session 4: Spine Infection, Inflammation

10:00 am - Spinal Vascular Disease - Wong

11:00 am - Peripheral Vascular Disease - Watanabe

12:00 pm - Splanchnic Vascular Disease - Stone

1:00 pm - Spinal Infusion Therapy - Stone

Focus Session 4: Spine Infection, Inflammation

1:00 pm - Degenerative Spine Disease - Surgerons Perspective - Kim

2:00 pm - Degenerative Spine Disease - Surgerons Perspective - Kim

3:00 pm - Degenerative Spine Disease - Surgerons Perspective - Kim

4:00 pm - Degenerative Spine Disease - Surgerons Perspective - Kim

Sunday, October 12

7:00 am - Registration

7:45 am - Session 6: Spinal Neoplasia

10:20 am - Pedicel Disease of the Spinal Canal - Hancock

11:15 am - MRI of Pathologic Bone Marrows - Albers

12:00 pm - Lunch on your own

1:30 pm - Vertebroplasty/Perivertebral Neoplastic Disease - Hancock

2:00 pm - Vertebroplasty Tumor Ablation and Augmentation - Ston

3:00 pm - Neoplastic Disease of the Sacrum - Menchikanti

3:30 pm - Interventional Procedures: Spine/Parenchymal Soft Tissues - Shieh

Focus Session 6: Spinal Neoplasia

4:30 pm - DFINE Workshop

4:30 pm - DFINE Workshop

5:30 pm - CaseFusion Workshop

Accreditation:
The AOCR is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. The AOCR designates this activity for a maximum of 33 MAAA Category 1 credits. The AOCR is accredited by the American Osteopathic Association (AOA). The AOA has approved this CME activity for 33 Category 1 A-credits.

Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Course Syllabus:
Syllabus will be provided online prior to the conference for download and a jump/ flash drive will be provided at no charge. Please bring your laptop!

Special Accommodation Requirements:
Please notify AOCR staff if you have any special accommodation requirements including but not limited to special hearing devices, wheel chair, dietary or medical restrictions.

CMCE Certificate of Attendance Forms:
Attendees will be required to register upon arrival at the conference. CMCE certificates will be issued after the attendee:
(a) Submits a valid payment
(b) Attends to the number of hours attended
(c) Completes the evaluation form

For Additional Information:
Rhonda Bohrer, Assistant Executive Director Phone: (800) 258-2927 • Fax: (800) 258-3494 rhonda@aocr.org

Cancellation Policy:
• 30 days prior - Full refund
• 30-7 days prior - Refund less $100 cancellation fee or transfer to either of the next two (2) AOCR sponsored CMCE Activities
• Less than 7 days - No refund

All cancellations are based on the final day of the activity. A written request to the AOCR office is required.