Presidential Address

The ACGME’s incorporation of AOA residency training programs through the Single Accreditation System continues to be a significant focus in the Osteopathic profession. According to John Potts, MD, Sr. VP of Surgical Accreditation for the ACGME, in a recent AODME webinar, it became apparent that the ACGME is doing everything it can to accommodate this transition. Dr. Potts made it clear that the ACGME wants the AOA programs to succeed and will give programs guidance to help facilitate the accreditation process.

According to Dr. Bruce Wolf’s most recent report from PTRC/COPT, Osteopathic institutions can apply for ACGME pre-accreditation starting April 2015 and individual programs can apply for pre-accreditation in July 2015. Trainees from pre-accredited programs will be exempt from 2016 standards and therefore eligible for ACGME fellowship programs. The AOA will still be able to start and accredit new residency training programs until 2020.

Dr. Wolf recommends that program directors and all those involved in residency training start perusing the ACGME’s website and become familiar with this new process. A good starting point would be on September 15, when brand new FAQs will be posted. The AOCR will also be providing an update to our program directors at a workshop during the Mid Year Conference in October. Your OPTI may have some additional resources as well to help learn about this transition. Please forward any questions or concerns to the College, and we will do our best to get them answered/addressed.

Meanwhile, William O’Brien Sr., DO, the Editor-in-Chief of the Journal of the American Osteopathic College of Radiology (JAOCR) reports that the Journal is now in its third year of successful publication. As an open access journal it is gaining visibility beyond the Radiology community. Several articles have now been referenced in Medline/PubMed indexed journals, including the prestigious J. Neurosurgery.

The official ICD-10 coding compliance deadline will be delayed until October 1, 2015, according to the Health and Human Services final rule, released August 4. The final rule requires physicians and other HIPAA-covered entities to continue to only use ICD-9 coding through September 30, 2015.

The upcoming AOCR Mid Year Conference is set to be a world class symposium on spine imaging and intervention. Dr. Sheri Albers has put together some of the top speakers including three Past Presidents of the American Society of Spine Radiology as well as the CEO of the American Society of Interventional Pain Physicians. There will be hands on workshops and an amazing 33 hours of category 1A CME credits in just 3.5 days! I hope to see you there!

Finally, I would like to take this opportunity to thank Jessica Roberts, Communications Director, for her 3 ½ years of service to the AOCR. It has been a pleasure working with her and I wish her well in her new endeavors.

Wade HM Wong, DO, FAOCR, FACR

Inside this issue:

- JAOCR Case Report
- AOA Meeting News & Appointments
- Diagnostic and Interventional Spine
- CME Guide
- AOCR Exam Dates
- AOCR Education Foundation

Upcoming Events

Diagnostic and Interventional Spine
October 9-12, 2014
Rosemont, IL
Program Chairs:
Sheri Albers, DO
Wade Wong, DO
Offering 33 1-A credits

Pediatric Spine Trauma Webinar
October 10, 2014
9:30-10:30 am CDT
William O’Brien, DO
Offering one 1-A CME credit

Updates in Cross Sectional Imaging
April 20-24, 2015
Las Vegas, NV
Program Chair:
Timothy McKnight, DO
Offering a minimum of 30 1-A credits

Mammography Conference
October 9-12, 2015
Novi, MI
Program Chair:
Michelle Walter, DO
Offering a minimum of 23 1-A credits

Fulfills MQSA & ACR Accreditation Requirements
Hemorrhage Following Drug-Eluting Bead Transarterial Chemoembolization of Hepatocellular Carcinoma

We report the case of a 78-year-old woman with hepatocellular carcinoma who underwent drug-eluting bead transarterial chemoembolization (DEB-TACE). On the first routine follow-up CT six-weeks post procedure, the patient was found to have residual enhancing tumor and active intra-tumoral hemorrhage (Fig 1A). Follow-up laboratory values demonstrated a decrease in hemoglobin. Subsequent catheter arteriogram confirmed active arterial hemorrhage as well as enhancement along the periphery, suggestive of residual tumor, which was treated with repeat embolization (Fig. 1B). Several arteries supplying the residual tumor were embolized using drug eluting bead transarterial chemoembolization (DEB-TACE). Additionally, the active arterial extravasation was treated with 0.018" coil embolization using platinum microcoils achieving post-embolization hemostasis (Fig. 1C). Nine-month follow up imaging demonstrated no residual enhancing tumor or evidence of active extravasation of contrast material (Fig. 1D).

Now Accepting Nominations for Fellowship

Members who by outstanding contribution to the healing art, to the practice of radiology, to research, or for such other meritorious services have reflected credit upon this organization and the osteopathic profession at large may be nominated for fellowship. Any member of the college may nominate another member. Each nomination is presented to the Committee on Ceremonial Procedures, Fellowship, Honors, and Memorials for evaluation.

Nominees for fellowship are due no later than November 1 each year. Nominations must include a CV, completed FAOCR Criteria Sheet, letter of recommendation and a photo suitable for publication. The FAOCR Criteria Sheet is available through the AOCR office by contacting carol@aocr.org or 800-258-2627.
AOA House of Delegates Votes to Support Single GME Accreditation System

Delegates representing the nation’s more than 104,000 osteopathic physicians (DOs) and osteopathic medical students voted to support a decision by the AOA Board of Trustees to pursue a new, single accreditation system for graduate medical education.

This historic vote during the annual meeting of the AOA House of Delegates comes after an announcement in February that the AOA, the Accreditation Council for Graduate Medical Education (ACGME), and the American Association of Colleges of Osteopathic Medicine (AACOM) reached an agreement to work together to prepare future generations of physicians. Read the statement from ACGME.

When fully implemented in July 2020, the new system will allow graduates of osteopathic and allopathic medical schools to complete their residency and/or fellowship education in ACGME-accredited programs and demonstrate achievement of common milestones and competencies.

The AOA strongly believes the public will benefit from a single standardized system to evaluate the effectiveness of GME programs for producing competent physicians. Through osteopathic-focused residency programs, the new GME accreditation system will recognize the unique principles and practices of the osteopathic medical profession and its contributions to health care in the U.S.

Members are encouraged to submit any questions they may have to singlegme@osteopathic.org.

New AOA Appointments

<table>
<thead>
<tr>
<th>AOCR Member</th>
<th>Appointment</th>
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<tr>
<td>Mark Baker, DO</td>
<td>Board of Trustees&lt;br&gt;Executive Committee of the Board of Trustees&lt;br&gt;Department of Professional Affairs&lt;br&gt;Adopt-A-Campus&lt;br&gt;Chair, Department of Affiliate Relations&lt;br&gt;Finance Committee&lt;br&gt;Chair, Strategic Planning Committee&lt;br&gt;Committee on AOA Governance &amp; Organizational Structure</td>
</tr>
<tr>
<td>Bruce Wolf, DO</td>
<td>Program and Trainee Review Council&lt;br&gt;Bureau of Osteopathic Specialty Societies&lt;br&gt;BOT—Joint Board/House Budget Review Committee</td>
</tr>
<tr>
<td>Michael Cawthon, DO</td>
<td>Bureau of OGME Development</td>
</tr>
<tr>
<td>Frederick White, DO</td>
<td>Bureau of Osteopathic Education</td>
</tr>
<tr>
<td>Michael A. Wilczynski, DO</td>
<td>Bureau of Osteopathic Specialists</td>
</tr>
<tr>
<td>Carol Houston, Exe. Dir.</td>
<td>Dale Dodson Education Fund Committee</td>
</tr>
</tbody>
</table>

New AOA Leadership

New AOA Leadership was appointed during the 2014 Annual Business Meeting. Full bio can be found on the AOA website.

President<br>President-elect<br>Robert S. Juhasz, DO<br>John W. Becher, DO

Other AOA Meeting News

Bruce Wolf, DO and Mary Lentz, Training Coordinator, represented the AOCR at AOA PTRC & COPT meetings. The following details emerged from these meetings:

- **ACGME Update:** Current AOA accredited institutions can apply for pre-accreditation in April 2015; individual programs can apply for pre-accreditation in July 2015. Pre-accreditation status will be granted upon receipt of a completed application. Updated FAQs will be published on the ACGME website mid-September.
- The AOCR will have one (1) member on the Radiology RC. The term length is six (6) years and each new member will have a senior mentor. The AOCR will likely be able to observe the next RC meeting in spring of 2015.
- AOA can still start/accredit new programs through 2020.

Gilbert Bucholz, DO, AOCR Delegate and Carol Houston, Executive Director, represented the AOCR at the July AOA Board of Trustees and House of Delegates meetings in Chicago, IL.
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. You will receive a thorough review of degenerative, infectious, inflammatory and neoplastic processes that affect both the adult and pediatric spine and soft tissues. You will also learn about new prognostic imaging developments in disease assessment as well as new and evolving therapeutic advances.

Upon completion of this course the participant should be able to:
- Review disc disease in a standardized manner in accordance with the new changes in disc nomenclature and lexicon
- Differentiate disc bulge from herniation
- Identify disc protrusions/extrusions that are likely sources of patient 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 fracture/dislocations. Identify important soft tissue components. Differentiate stable from unstable injuries. Correlate 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
- Recognize spinal disease as manifested via Nuclear Medicine and PET
- Improve ability to differentiate adult and pediatric VB, paravertebral soft tissue and spinal canal neoplastic disease in differentiating adult and pediatric spinal inflammatory and infectious disease
- Familiarize yourself with congenital malformations of the spine
- Identify potential spinal pain generators
- Become familiar with a wide variety of adult and pediatric spinal and paraspinal 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 your radiology 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 ablation devices

CO-PROGRAM CHAIRS
Sheri Albers, DO, FAOCR
Wade H.M. Wong, DO, FAOCR, FACR
Ramsin M. Benyamin, MD
Bloomington, IL
Laxmaiah Manchikanti, MD
Louisville, KY
Jeffrey A. Stone, MD, FACR
Jacksonville, FL
Christopher R. Hancock, MD
San Diego, CA
Steve Min, DO
Grand Blanc, MI
Alyssa T. Watanabe, MD
Los Angeles, CA
Valerie L. Jewells, DO
Chapel Hill, NC
William T. O’Brien, Sr., DO
Sacramento, CA
Wade H.M. Wong, DO, FAOCR, FACR
San Diego, CA
Daniel Appelbaum, MD
Chicago, IL
Kee D. Kim, MD
Sacramento, CA
William E. Shiels II, DO
Columbus, OH

Full faculty listings can be found on the AOCR website.
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 programs are required to disclose to the program audience any real or apparent conflict(s) 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.

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 live activity for a maximum of 33 AMA PRA 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.
CME Guide

AOA Requirements Per Three-Year Cycle
See the AOA CME Guide for the most recent guidelines.

- 150 Credits to receive a Certificate of Excellence in CME
- 120 Total credits required for certification
- 50 Credits must be in radiology and maybe obtained in any category
- 30 Credits must be Category 1-A

Physicians entering the program mid cycle will have their credit requirements prorated.

AOOCR Requirements Per Cycle
Per the AOOCR Bylaws, "Active and Associate members who are subject to the Continuing Medical Education (CME) requirements of the AOA shall maintain the required 120 hours during a designated three (3) year period, of which a minimum of 25 hours shall be AOOCR sponsored CME activities in Category 1-A.

Life, Retired/Active and Retired/Associate members shall be exempt from AOOCR CME requirements."

State License Renewal Requirements
State requirements vary and do not always concur with the AOA CME Cycle. Click here to see the most recent AOA document listing requirements for each state.

AOBR OCC Requirements
AOBR Time-Limited diplomates must meet the AOA CME requirements as they have been required in the past. However, within OCC, more specific types of CME will be required. To view requirements visit www.aobr.org.

Have you renewed your membership?
Four Easy Ways to Renew

The 2014-2015 Membership Renewals statements have been mailed. Please renew your membership to ensure uninterrupted member benefits.
### 2015 Exam Schedule

<table>
<thead>
<tr>
<th>Exam</th>
<th>Date</th>
<th>Location</th>
<th>Application Deadline*</th>
<th>Fee Deadline**</th>
</tr>
</thead>
<tbody>
<tr>
<td>Radiation Oncology Oral Exam</td>
<td>May 14-16, 2015</td>
<td>Chicago Marriott Suites O'Hare Rosemont, IL</td>
<td>Dec. 1, 2014</td>
<td></td>
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<tr>
<td>Diagnostic Radiology Written Exam</td>
<td>Fall 2015--Exact Date TBD</td>
<td>O’Hare Hilton Chicago, IL</td>
<td>Feb. 1, 2015</td>
<td>July 1, 2015</td>
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<tr>
<td><em>Physics &amp; Part II - Diagnostic Imaging</em></td>
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<tr>
<td>Diagnostic Radiology OCC Exam***</td>
<td>Fall 2015--Exact Date TBD</td>
<td>O’Hare Hilton Chicago, IL</td>
<td>July 1, 2015</td>
<td>July 1, 2015</td>
</tr>
<tr>
<td>Subspecialties (CAQ) OCC Exam***</td>
<td>Fall 2015--Exact Date TBD</td>
<td>O’Hare Hilton Chicago, IL</td>
<td>July 1, 2015</td>
<td>July 1, 2015</td>
</tr>
<tr>
<td>Subspecialty (CAQ) Exam</td>
<td>Fall 2015--Exact Date TBD</td>
<td>O’Hare Hilton Chicago, IL</td>
<td>Sept. 1, 2014</td>
<td>Feb. 1, 2015</td>
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</tbody>
</table>

*Exam Applications can be found at [www.aobr.org](http://www.aobr.org)

**Exam Fees can be paid via credit card online, sending a check to the AOBR office or by phone at 312-202-8072 with a credit card.

***In order to register for the OCC exams, diplomates must be enrolled in OCC.

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**Protect Your Time-Limited Board Certification**

If you have a 10-year time-limited AOBR certification (Primary or CAQ) you are required to enroll and comply with OCC in order to maintain your board certification. Non-compliance may result in loss of your board certification.

**Click here to enroll / Renew Annually**

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**Important Notice to all AOBR Diplomates**

The AOBR office has moved to AOA Headquarters in Chicago. Karin Best, AOBR Certification Manager or Kathy Potvin, AOBR Certification Specialist, may assist you with any questions related to board certification with the AOBR. Please use the following new contact information for all AOBR related questions:

142 East Ontario Street
4th Floor
Chicago, IL 60611
800-621-1773 ext. 8072
312-202-8072
aobr@osteopathic.org

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**Click here to enroll / Renew Annually**
The AOCR is grateful to the following members who have contributed to the AOCR Education Foundation from July 1, 2014, to September 2, 2014. The listing reflects the donor’s lifetime contributions.

**Trustee Level**
- Contributions of $10,000 and above
- Frederic E White, DO+
- Raymond Perez, DO
- Peter S Palka, DO
- Eric E Luebbert, DO
- S. John Chang, DO

**Curator Level**
- Contributions of $5,000 and above
- Paul J Chase, DO+
- Robert M Morley, DO
- Charles Muncrief, DO
- Scott Paul, DO

**President’s Level**
- Contributions of $2,000 and above
- Mary H Caffrey, DO
- Donald J Ritter, DO
- Nicole S Webster, DO

**Benefactor Level**
- Contributions of $1,000 and above
- Mark A Baker, DO
- Michael Caccamo, DO
- Kevin Carter, DO
- Robert L Cox, DO
- Osmany DeAngelo, DO
- James M Essad, DO
- John Frederick, DO
- Kristie Hajek-Harris, DO
- Leslie R Hood, DO
- Valerie L Jewells, DO
- Herbert Kaufman, DO
- Charles O’Brien, DO
- Irwin Z Phillips, DO
- Patricia Ellen Roche, DO
- Steven J Schapman, DO+
- Mark M Sveffolix, DO

**Supporter Level**
- Contributions of $500 and above
- Neil Halin, DO
- Bradley King, DO
- Theresa Kuritz, DO
- Shawn Lameriere, DO
- John S Morrison, DO
- Jalil Parsa, DO
- Raymond Perez, DO
- Stephen T Sauter, DO

**Contributor Level**
- Contributions up to $499
- John C Agnew, DO+
- Sherry Aujla, DO
- Lynn Bergren, DO
- Brian Brock, DO
- Shannon Calhoun, DO
- Joseph A Ciacci, DO
- Paul Clark, DO
- Chris Donikyan, DO
- Todd Durham, DO
- Roland E Gazaille, DO
- David M Isaacs, DO
- Eric E Luebbert, DO
- Sharon Mall, DO
- Robert M Morley, DO
- Charles Muncrief, DO
- Daniel S Noyes, DO
- Peter S Palka, DO
- Matthew Pesek, DO
- Larry Plosker, DO

+ Denotes a contribution to the Pamela A. Smith Scholarship Fund

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**New AOCR Members**

**ACTIVE MEMBERS**
- Amado del Rosario, DO
- Arthur Donahue, DO
- Chet Hunter, DO
- Samuel Guirguis, DO
- Matthew Holen, DO
- Ranjit Kapil, DO
- Jarrod MacFarlane, DO
- Richard Menzel, DO
- Justin Puopolo, DO
- Paul Rigsby, DO
- Jason Savikko, DO
- Parvish Shah, DO
- Angela Sneider, DO
- Nicholas Sullivan, DO
- James Sutherland, DO
- Michael Tabone, DO
- Rifat Wahab, DO
- Samuel Yonan, DO

**STUDENT/INTERN MEMBERS**
- Artiom Abramyan
- Christopher T. Bailey
- Kalpesh Desai, DO
- Jesús Contreras, DO
- Daren Fomin
- Hashim Hussein
- Boris Kumaev
- Kevin Louie
- Ahsan Mahmood
- Jason Muni
- Hyo Young Oh
- Devin Olsen
- Birju Patel
- Andrew Patton
- Donatella Pavel, DO
- Matthew Robinson
- Eric van Staalden
- Ariadne Vogel
- Shane Weber, DO
- Crystal Yi, DO

**RESIDENT MEMBERS**
- Rami Farhat, DO
- Mohammad Rahman, DO
- Mami Kuriyama, DO
- Hiroshi Kanazawa, DO

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**In Memoriam**

**Rolan J. Bingham, DO**, 74, of Lisbon, OH, passed away on April 8, 2014.

Dr. Bingham graduated from what is now known as Chicago College of Osteopathic Medicine of Midwestern University in Chicago, IL, in 1965. Dr. Bingham completed an internship at Detroit Osteopathic Hospital in Detroit, MI in 1966, and a radiology residency at Parkview Hospital in Toledo, OH, in 1970. He enjoyed his private practice at Fireland’s Hospital in Sandusky, OH from 1985 to 1999. Dr. Bingham retired in 2000, but he found that he missed his work, so he returned part-time, working in Florida, and then back to the East Liverpool City Hospital in East Liverpool, OH.

He became an Active Member of the AOCR in 1973 and a Life Member in 2004. Dr. Bingham was certified by the AOBR in radiology in 1973.

Dr. Bingham is survived by his wife, Ina Marie Bingham; daughters, Carrie Marie Bingham and Lisa M. (Keith) Glass; sons, Brandon John Bingham, David (Jackie) Swiers, and Lon Albert (Alexis) Swiers; one brother and 11 grandchildren.

**Samuel P. Kurn, DO**, 88, of Freeland, MI, passed away on June 11, 2014.

Dr. Kurn graduated from the Chicago College of Osteopathic Medicine of Midwestern University in Chicago, IL, in 1954. Dr. Kurn completed an internship at Flint Osteopathic Hospital in Flint, MI in 1955, and a radiology residency at Saginaw Osteopathic Hospital in Saginaw, MI in 1974. In 1975 he began working for Bay Osteopathic Hospital, where he served as Chief of Staff for 10 consecutive years. He also served as a staff radiologist at Bay Medical Center and operated his own radiology clinic, Medical Imaging in Bay City, until his retirement in 1998.

Dr. Kurn became an Active Member of the AOCR in 1983 and a Life Member in 1993. He was certified by the AOBR in radiology in 1983.

He is survived by his wife, Marilyn; three sons, Mark (Ellen) Kurn, Jeffrey (Grace) Kurn and Dr. David (Olga) Kurn; one daughter, Nancy Kurn and six grandchildren.

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The AOCR Education Foundation takes pride in supporting the educational efforts of the AOCR. Your contributions enable us to continue to support our projects and begin new endeavors. Donation can be made online at [www.aocr.org](http://www.aocr.org). A full listing of all foundation contributors can be found on the AOCR website.