### SCHEDULE

#### THURSDAY OCTOBER 9, 2014

- **6:45a** Registration/Continental Breakfast
- **7:20** Opening Remarks/Pre-test  
  *Linda J. Bagley, MD*

#### VASCULAR DISEASE

- **7:30** Cerebrovascular Anatomy  
  (Arterial and Venous) *(A, CT, MR)*  
  *Robert W. Hurst, MD*
- **8:00** CT and MR Angiography of the Head and Neck *(MR, CT)*  
  *Alexander C. Mamourian, MD*
- **8:45** Vascular Disorders of the Spine *(MR, A)*  
  *Robert W. Hurst, MD*
- **9:30** Break/Refreshments
- **9:45** Cerebral Aneurysms: Epidemiology, Imaging and Treatment *(A, CT, MR)*  
  *Linda J. Bagley, MD*
- **10:15** Vascular Malformations of the Brain: A Review of Imaging Features and Risks *(A, MR, CT)*  
  *Suddharkar Satti, MD*
- **11:00** State-of-the-Art Imaging of Stroke *(MR, CT)*  
  *Ronald L. Wolf, MD, PhD*
- **11:30** Clinical Trials and Vascular Intervention *(A)*  
  *Michelle J. Smith, MD, PhD*
- **12:15** Lunch (on own)

#### BRAIN NEOPLASMS

- **1:30** Adult Brain Neoplasms *(MR)*  
  *Ronald L. Wolf, MD, PhD*
- **2:30** Mimics of Adult Brain Neoplasms *(MR)*  
  *John H. Woo, MD*
- **3:00** Break/Refreshments
- **3:15** Sellar and Parasellar Imaging *(MR, CT)*  
  *Alexander C. Mamourian, MD*
- **4:15** Orbital Imaging *(MR, CT)*  
  *Laurie A. Loevner, MD*
- **5:00** Adjourn

#### HEAD AND NECK

- **12:30** Head and Neck Cancer: Patterns of Tumor Spread in Base of Skull and Larynx *(MR, CT)*  
  *Laurie A. Loevner, MD*
- **1:30** Temporal Bone Anatomy *(CT)*  
  *Arastoo Vossough, MD, PhD*
- **2:00** Break/refreshments
- **2:15** Disorders of the Temporal Bone *(CT, R)*  
  *Arastoo Vossough, MD, PhD*
- **3:00** PET-CT Applications in Oncology *(NM, CT, MR)*  
  *Laurie A. Loevner, MD*
- **3:45** SAM: Head and Neck Quiz
- **4:00** Adjourn

#### SATURDAY OCTOBER 11, 2014

- **7:00a** Continental Breakfast

#### SPINE IMAGING

- **7:30** Degenerative Disease of the Spine *(MR, CT)*  
  *John H. Woo, MD*
- **8:00** Spinal Interventions *(CT, R)*  
  *Bryan A. Pukenas, MD*
8:30  Post-operative Spinal Imaging (MR, CT)  
Adam E. Flanders, MD

9:15  Spinal Trauma and Spinal Cord Injury (CT, MR)  
Adam E. Flanders, MD

9:45  Break and Refreshments

10:00  Non–Neoplastic Disease of the Spine (MR)  
John H. Woo, MD

10:30  Intradural Lesions of the Spine (MR)  
John H. Woo, MD

ENT/SAM  
11:00  Imaging of the Thyroid and Parathyroid Glands (CT, MR, NM, U)  
Laurie A. Loevner, MD

12:00  Lunch (on own)

HEAD & NECK  
1:15  Robotic Surgery of the Head and Neck: Pre- and Post-Operative Imaging (MR, CT)  
Laurie A. Loevner, MD

2:00  Imaging of the Paranasal Sinuses (CT)  
Kim O. Learned, MD

2:30  Imaging of the Salivary Glands (CT, MR)  
Mary H. Scanlon, MD

3:00  Maxillo Facial Trauma (CT)  
Suyesh Mohan, MD

3:30  SAM: Head and Neck Quiz

4:00  Adjourn

SUNDAY OCTOBER 12, 2014  
7:00a  Continental Breakfast

PEDIATRIC IMAGING  
7:30  Prenatal US Diagnosis of CNS Anomalies (US)  
Steven C. Horii, MD

8:00  Fetal MRI of CNS Anomalies (MR)  
Robert A. Zimmerman, MD

8:30  Congenital CNS Anomalies (MR)  
Erin Simon Schwartz, MD

9:15  Congenital Neck Lesions (MR, CT, US)  
Tamara Feygin, MD

9:45  Break/Refreshments

10:00  Pediatric Brain Tumors (MR)  
Robert A. Zimmerman, MD

10:30  Pediatric Spine Tumors (MR)  
Karuna Shekdar, MD

11:00  Radiation Dose Reduction with Pediatric CT (CT)  
Arastoo Vossough, MD, PhD

11:15  Imaging of ENT Disease in Children (MR, CT)  
Larissa T. Bilaniuk, MD

12:00  White Matter Disorders in Children (MR)  
Arastoo Vossough, MD, PhD

12:30  Post-test/Course Evaluation

12:45  Adjourn

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The Perelman School of Medicine at the University of Pennsylvania is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. The Perelman School of Medicine at the University of Pennsylvania designates this live activity for a maximum of 26.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity. The total credits include:  
MRI – 21.25 | CT – 15.25 | US – 2.0  
Angio – 3.25 | Nuc Med – 3.5  
Radiography – .5

EARN SAM CREDIT  
An opportunity for the completion of two Self-Assessment Modules will be offered. These modules meet the ABR’s criteria for a self-assessment activity in the ABR Maintenance of Certification program. SAM credits are required for radiologists certified since 2002.