Advances in Pediatric Neuroradiology Course

presented by

The Society for Pediatric Radiology

October 24-26, 2014
Loews Miami Beach Hotel
Miami Beach, Florida

Jointly provided by the American College of Radiology
The target audience for this program includes pediatric radiologists, general radiologists, adult neuroradiologists and pediatric neuroradiologists at both pediatric and adult facilities. The course objectives are:

1. Summarize and provide an overview of the state-of-the-art neuroimaging modalities used in pediatric neuroradiology to evaluate pediatric Central Nervous System (CNS) disease.
2. Select the appropriate modality or modalities in evaluating a suspected or diagnosed case of pediatric CNS disease.
3. Evaluate neuroimaging of pediatric CNS disease as it relates to understanding normal brain development and maturation.
4. Apply and describe Magnetic Resonance (MR) advanced imaging techniques optimized for children with neuroradiologic diseases to advance diagnosis and improve management.

At the completion of this course, participants will be able to understand basic and advanced principles of CNS disease, and recognize and apply the techniques for advanced diagnosis and improved management.
Faculty

Tina Young Poussaint, MD, FACR, Program Chair
Professor of Radiology
Harvard Medical School
Director, PBTC Neuroimaging Center
Boston Children’s Hospital
Boston, Massachusetts

Thierry A. G. M. Huisman, MD, Vice Chair
Medical Director, Division of Pediatric Radiology
Director of Pediatric Neuroradiology
Professor of Radiology, Pediatrics, Neuroradiology and Neurosurgery
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Baltimore, Maryland

Nolan Altman, MD
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Miami Children’s Hospital
Miami, Florida

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Research Assistant Professor of Radiology
Children’s Hospital of Philadelphia
Perelman School of Medicine at the University of Pennsylvania
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Susan Blaser, MD, FRCP
Neuroradiologist
The Hospital for Sick Children
Professor of Neuroradiology
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Toronto, Ontario, Canada

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Paul Caruso, MD
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Massachusetts General Hospital for Children
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Toronto, Ontario, Canada

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Gary L. Hedlund, DO
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Clinical Pediatric Neuroradiologist
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Texas Children’s Hospital
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Houston, Texas

Bernadette Koch, MD
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UC Department of Pediatrics
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Cincinnati, Ohio

Mahadevappa Mahesh, MS, PhD, FAAPM, FACR
Associate Professor of Radiology and Radiological Science
Associate Professor of Medicine
Johns Hopkins University School of Medicine
Chief Physicist, The Johns Hopkins Hospital
Lecturer, Whiting School’s Engineering and Applied Science Programs for Professional
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Professor of Radiology, Neurosurgery and Pediatrics
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Division Chief, Vascular/Interventional Imaging
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Gilbert Vezina, MD
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Children’s National Medical Center
Professor of Radiology and Pediatrics
The George Washington University School of Medicine and Health Sciences
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Hospital of the University of Pennsylvania
Philadelphia, Pennsylvania

Robert Zimmerman, MD
Chief, Neuroradiology Division/MRI
Hospital of the University of Pennsylvania
Professor of Radiology
Perelman School of Medicine at the University of Pennsylvania
Philadelphia, Pennsylvania
FRIDAY, OCTOBER 24, 2014

7:00 – 8:00 a.m.      Continental Breakfast
7:00 a.m. – 5:00 p.m. Registration
7:50 – 8:00 a.m.      Welcome and Introduction
                       Tina Young Poussaint, MD, FACR and
                       Thierry A.G.M. Huisman, MD
8:00 – 9:45 a.m.      SESSION I: Updates in Pediatric Neuroradiology Part I
                       Tina Young Poussaint, MD, FACR, Moderator
                       8:00 – 8:30 a.m. Update on Radiation Safety and Dose Reduction in
                       Pediatric Neuroradiology
                       Mahadevappa Mahesh, MS, PhD, FAAPM, FACR
                       8:30 – 9:00 a.m. Advanced Diffusion Tensor Imaging Applications in
                       Childhood
                       Jeffrey I. Berman, PhD
                       9:00 – 9:30 a.m. Functional Imaging in Pediatric Neuroradiology
                       Nolan Altman, MD
                       9:30 – 9:45 a.m. Questions and Answers
9:45 – 10:00 a.m.      Break
10:00 – 11:45 a.m.    SESSION II: Updates in Pediatric Neuroradiology Part II
                       Gaurav Saigal, MD, Moderator
                       10:00 – 10:30 a.m. Evidence Based Imaging in Pediatric Neuroradiology
                       L. Santiago Medina, MD, MPH
                       10:30 – 11:00 a.m. Intraoperative MR
                       Asim F. Choudhri, MD
                       11:00 – 11:30 a.m. Cranial and Spinal Ultrasound—How I Do It
                       Alan Daneman, BSc, MBBCh, FRANZCR, FRCPC
                       11:30 – 11:45 a.m. Questions and Answers
11:45 a.m. – 1:00 p.m. Lunch
1:00 – 2:45 p.m.      SESSION III: Nonaccidental Trauma Update
                       Jill V. Hunter, MBBS, FRCP (UK), Moderator
                       1:00 – 1:30 p.m. Trauma of the Coverings and Extraaxial Spaces of the Brain
                       Gary L. Hedlund, DO
                       1:30 – 2:00 p.m. Nonaccidental Trauma of the Spine
                       Michelle Silvera, MD
2:00 – 2:30 p.m.  Advanced Imaging of Head Trauma  
Ellen Grant, MD

2:30 – 2:45 p.m.  Questions and Answers

2:45 – 3:00 p.m.  Break

3:00 – 4:45 p.m.  SESSION IV: Pediatric Spine and The Phakomatoses  
Susan Palasis, MD, Moderator

3:00 – 3:30 p.m.  Congenital Spine Anomalies  
Erin Simon Schwartz, MD

3:30 – 4:00 p.m.  Acquired Pediatric Spine Anomalies  
Susan Palasis, MD

4:00 – 4:30 p.m.  The Phakomatoses  
Gilbert Vezina, MD

4:30 – 4:45 p.m.  Questions and Answers

4:45 p.m.  Adjourn

SATURDAY, OCTOBER 25, 2014

7:00 – 8:00 a.m.  Continental Breakfast

7:00 a.m. – 5:00 p.m.  Registration

7:55 – 8:00 a.m.  Welcome and Announcements  
Tina Young Poussaint, MD, FACR and Thierry A.G.M. Huisman, MD

8:00 – 9:45 a.m.  SESSION V: Congenital Brain  
Tina Young Poussaint, MD, FACR, Moderator

8:00 – 8:30 a.m.  Congenital Anomalies in the Newborn and Infant  
Thomas P. Naidich, MD

8:30 – 9:00 a.m.  Fetal MRI of CNS Brain Anomalies  
Robert Zimmerman, MD

9:00 – 9:30 a.m.  Hydrocephalus Update: Understanding and Assessing Hydrocephalus  
Charles A. Raybaud, MD, FRCP(C)

9:30 – 9:45 a.m.  Questions and Answers

9:45 – 10:00 a.m.  Break
10:00 – 11:45 a.m. **SESSION VI: Vascular Disease of Childhood**
Richard L. Robertson, MD, Moderator

10:00 – 10:30 a.m. **CNS Vascular Malformations: Diagnosis and Treatment**
Darren B. Orbach, MD, PhD

10:30 – 11:00 a.m. **Pediatric Stroke and CNS Hemorrhage**
Arastoo Vossough, MD, PhD

11:00 – 11:30 a.m. **Hypoxic Ischemic Injury in the Newborn**
Aylin Tekes, MD

11:30 – 11:45 a.m. **Questions and Answers**

11:45 a.m. – 1:00 p.m. Lunch

1:00 – 2:45 p.m. **SESSION VII: Pediatric Brain Tumors**
Dennis W. Shaw, MD, Moderator

1:00 – 1:30 p.m. **Supratentorial Tumors**
Ashok Panigrahy, MD

1:30 – 2:00 p.m. **Infratentorial Tumors**
Tina Young Poussaint, MD, FACR

2:00 – 2:30 p.m. **Tumor Mimics**
Thierry A.G.M. Huisman, MD

2:30 – 2:45 p.m. **Questions and Answers**

2:45 – 3:00 p.m. Break

3:00 – 4:45 p.m. **SESSION VIII: Metabolic Diseases of Childhood**
Thierry A.G.M. Huisman, MD, Moderator

3:00 – 3:30 p.m. **Leukodystrophies and Leukoencephalopathies**
Zoltan Patay, MD, PhD

3:30 – 4:00 p.m. **Neurometabolic Disorders of the Newborn**
Thierry A.G.M. Huisman, MD

4:00 – 4:30 p.m. **Organic Acidurias and Aminoacidopathies**
Susan Blaser, MD, FRCPC

4:30 – 4:45 p.m. **Questions and Answers**

4:45 p.m. **Adjourn**
SUNDAY, OCTOBER 26, 2014

7:00 – 8:00 a.m.  Continental Breakfast
7:00 a.m. – 12:00 p.m.  Registration
7:55 – 8:00 a.m.  Welcome and Announcements
Tina Young Poussaint, MD, FACR and Thierry A.G.M. Huisman, MD

8:00 – 9:45 a.m.  SESSION IX: Pediatric Head and Neck I
Sumit Pruthi, MBBS, Moderator
8:00 – 8:30 a.m.  Skull Base and Cranial Nerves
Paul Caruso, MD
8:30 – 9:00 a.m.  Craniofacial Abnormalities Including Craniosynostoses
Susan Blaser, MD, FRCPC
9:00 – 9:30 a.m.  Imaging of the Temporal Bone
Caroline D. Robson, MBChB
9:30 – 9:45 a.m.  Questions and Answers
9:45 – 10:00 a.m.  Break

10:00 – 11:45 a.m.  SESSION X: Pediatric Head and Neck II
Sarah Sarvis Milla, MD, FAAP, Moderator
10:00 – 10:30 a.m.  Developmental Masses of the Neck
Bernadette Koch, MD
10:30 – 11:00 a.m.  Head and Neck Tumors
Karen Moeller, MD
11:00 – 11:30 a.m.  Emergency Imaging of the Pediatric Head and Neck
Timothy N. Booth, MD
11:30 – 11:45 a.m.  Questions and Answers
11:45 a.m.  Adjourn
Group Room Rate: $199 Run of House + tax – Room rates listed do not include applicable taxes, which are currently (at the time of printing) 13%. Taxes are subject to change.

(Additional room categories available; please inquire when booking.)

Reservations may be booked online by visiting the SPR website at www.pedrad.org and selecting Events from the navigation menu. The Advances in Pediatric Neuroradiology Course is listed on this page and includes a link to the Hotel’s reservation site.

Alternatively, reservations may be made by contacting the Hotel by phone as indicated above. To obtain the group rate, you must identify yourself as being with the SPR group. All reservations will need to be guaranteed with a deposit of one night’s room and tax charge to a credit card. The hotel reservation deadline is Tuesday, September 23, 2014 at 5:00 p.m. EST. It is possible that hotel rooms may sell out prior to the deadline; therefore it is strongly recommended that you make your reservation as early as possible. Reservations made after September 23rd at 5:00 p.m. EST will be taken on a space-available basis and the SPR group rate cannot be guaranteed.

Please note that a credit card is required at the time of reservation. Cancellations must be received at least 72-hours before the day of arrival in order to avoid a Cancellation/No-show Fee equal to one night’s room and applicable taxes.

Check-in time: 4:00 p.m.  •  Check-out time: 11:00 a.m.
Meeting Contact

THE SOCIETY FOR PEDIATRIC RADIOLOGY
1891 Preston White Drive
Reston, VA 20191
Facsimile: (703) 648-1863
SPRmeetings@acr.org

For assistance with registration issues, please contact (800) 373-2204. For all other inquiries, please dial (703) 648-0680 ext. 4691.

If you have any special needs or special dietary requests, please contact The Society for Pediatric Radiology at the above address or e-mail address at least two weeks before the meeting to ensure that your needs are met.

Registration Information

Checks should be made payable to The Society for Pediatric Radiology in U.S. dollars only. American Express, VISA, and MasterCard are accepted for payment. All fees must be received at the time of registration.

Written verification of Non-Physician, Radiologist-In-Training, Technologist, Resident or Fellow status must accompany registration form.

Fees include tuition, teaching materials, continental breakfast and coffee breaks, and the lunch on Friday and Saturday. A $75 administrative fee will be retained if you cancel your meeting registration. In order to receive a full refund of the balance, written notice must be received on or before October 10, 2014; thereafter, no refunds will be made.

Registration may be completed online through the SPR website at www.pedrad.org. Online registration will close on October 10, 2014. To inquire about registering after October 10th, please e-mail SPRmeetings@acr.org. Registrations will be accepted onsite; however, an additional fee of $25 will be assessed.

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<thead>
<tr>
<th>Registration Fees</th>
<th>On or Before Sept. 24, 2014</th>
<th>After Sept. 24, 2014</th>
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<tbody>
<tr>
<td>SPR Member Physicians</td>
<td>$625</td>
<td>$725</td>
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<tr>
<td>Non-Member Physicians</td>
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<td>Non-Physician Medical Professionals</td>
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<td>Active Duty Military</td>
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<tr>
<td>Residents/Fellows/In-Training/Techs</td>
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Registration Form

Advances in Pediatric Neuroradiology Course
October 24-26, 2014
Miami Beach, Florida

(Please print legibly)

LAST NAME ___________________________ FIRST NAME ___________________________ MI __________________

☐ HOME  ☐ BUSINESS

MAILING ADDRESS ____________________________________________

CITY ___________________________ STATE ___________ ZIP ________________

COUNTRY ___________________________ TELEPHONE ___________________________

FACSIMILE ___________________________ E-MAIL ___________________________

BADGE NAME ___________________________ DEGREE FOR BADGE ___________________________

*PLEASE CHECK IF YOU ARE A: ☐ RESIDENT  ☐ FELLOW  ☐ IN-TRAINING ☐ TECH
☐ NON-PHYSICIAN MEDICAL PROFESSIONAL ☐ PHYSICIST ☐ OTHER (PLEASE LIST): ___________________________

(*Letter of verification required at the time of registration)

TOTAL ENCLOSED: ___________________________

Credit Card Company: ☐ Visa  ☐ MasterCard  ☐ American Express

Credit Card # ___________________________ Exp. Date ___________________________

Authorized Signature ____________________________________________

If you have any special needs or dietary restrictions, please list: ____________________________

How did you hear about this meeting? ☐ Brochure  ☐ E-mail  ☐ SPR website  ☐ Department
☐ Colleague-Friend ☐ Other, please specify ____________________________

Emergency Contact: (This should not be a person attending the meeting with you.)

Name ___________________________ Relationship ___________________________ Phone __________________

Registration Disclaimer: The Society for Pediatric Radiology and the American College of Radiology, as planners of this function, claim no liability for the acts of any suppliers to this meeting or the safety of any attendee while in transit to or from this event. The total amount of any liability during the precise hours of the meeting will be limited to a refund of the attendance fee. Your signature below acknowledges acceptance of this provision of registration.

Signature ___________________________ Date ____________________________

Checks should be made payable to The Society for Pediatric Radiology. Please return this form with your check or credit card information to:

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