Pediatric Body MRI Course

presented by

The Society for Pediatric Radiology

September 18-19, 2015

Daniels Hollywood Theatre
The Hospital for Sick Children and University of Toronto
Toronto, Ontario, Canada

Jointly provided by the American College of Radiology
The target audience for this program includes pediatric radiologists, general radiologists, fellows, residents and MRI technologists who perform and report body MRI. The Course objectives are:

1. Discuss basic techniques and ways to improve routine use of body MRI in terms of quality
2. Describe advanced techniques that are being applied in body MR imaging
3. Discuss the present and future role of body MRI in pediatric oncology
4. Review clinical experiences as it pertains to the use of body MRI in the management and treatment of pediatric diseases

**Accreditation Statement**
This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint providership of The American College of Radiology and The Society of Pediatric Radiology. The American College of Radiology is accredited by the ACCME to provide continuing medical education for physicians.

**Credit Designation Statement**
The American College of Radiology designates this live activity for a maximum of **15.5 AMA PRA Category 1 Credit(s)™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Technologists**
The American College of Radiology is approved by the American Registry of Radiologic Technologists (ARRT) as a Recognized Continuing Education Evaluation Mechanism (RCEEM) to sponsor and/or review Continuing Medical Educational programs for Radiologic Technologists and Radiation Therapists.

The American College of Radiology designates this educational activity as meeting the criteria for up to **16 Category A** credit hours of the ARRT.

**MEETING CONTACT**
The Society for Pediatric Radiology
1891 Preston White Drive
Reston, VA 20191
sprmeetings@acr.org

For assistance with registration, please contact (800) 373.2204.
For all other inquiries, dial (703) 648-0680.
FACULTY

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Co-Lead, Inflammatory Bowel Disease Center
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Chair, Department of Radiology
Nemours Children's Hospital
Associate Professor of Radiology
University of Central Florida and Florida State University Colleges of Medicine
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University of Michigan Health System
Ann Arbor, Michigan, USA

Alexander J. Towbin, MD
Neil D. Johnson Chair of Radiology Informatics
Associate Professor of Radiology
Cincinnati Children's Hospital Medical Center
Cincinnati, Ohio, USA

Andrew T. Trout, MD
Assistant Professor of Radiology
Cincinnati Children's Hospital Medical Center
Cincinnati, Ohio, USA
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00-8:00 a.m.</td>
<td>Registration and Breakfast</td>
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<tr>
<td>7:55-8:00 a.m.</td>
<td>Introduction and Welcome</td>
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<tr>
<td>Govind B. Chavhan, MD, DNB, DABR, Course Director</td>
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<tr>
<td>Jonathan R. Dillman, MD, MSc, Course Director</td>
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<tr>
<td>8:00-9:45 a.m.</td>
<td><strong>Session 1: Applied Physics and MRI Techniques</strong> (SAM session)</td>
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<tr>
<td>Moderator: Rajesh Krishnamurthy, MD</td>
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<tr>
<td>8:00-8:40 a.m.</td>
<td>When to Use What Sequences</td>
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<tr>
<td>Govind B. Chavhan, MD, DNB, DABR</td>
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<tr>
<td>8:40-9:10 a.m.</td>
<td>How We Do It: Body MR Angiography</td>
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<tr>
<td>Rajesh Krishnamurthy, MD</td>
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<tr>
<td>9:10-9:35 a.m.</td>
<td>Optimization and Artifact Reduction in Abdominal MRI</td>
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<tr>
<td>Taylor Chung, MD</td>
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<tr>
<td>9:35-9:45 a.m.</td>
<td>Question and Answer</td>
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<tr>
<td>9:45-10:05 a.m.</td>
<td>Break</td>
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<tr>
<td>10:05 a.m.-12:05 p.m.</td>
<td><strong>Session 2: Hepatobiliary</strong></td>
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<tr>
<td>Moderator: Alexander J. Towbin, MD</td>
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<tr>
<td>10:05-10:30 a.m.</td>
<td>Clinical Perspective: Hepatobiliary Diseases in Children</td>
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<tr>
<td>Binita Kamath, MD</td>
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<tr>
<td>10:30-11:00 a.m.</td>
<td>MRI of Liver Tumors</td>
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<tr>
<td>Alexander J. Towbin, MD</td>
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<tr>
<td>11:00-11:25 a.m.</td>
<td>MRI of Diffuse Liver Diseases-Fat, Iron, Fibrosis</td>
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<td>Andrew T. Trout, MD</td>
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<tr>
<td>11:25-11:55 a.m.</td>
<td>MRI of Pancreatobiliary Diseases</td>
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<td>Sudha A. Anupindi, MD</td>
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<td>11:55 a.m.-12:05 p.m.</td>
<td>Question and Answer</td>
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<tr>
<td>12:05-1:00 p.m.</td>
<td>Lunch</td>
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</table>
**Friday, September 18, 2015 (continued)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session/Event</th>
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<tbody>
<tr>
<td>1:00-3:00 p.m.</td>
<td><strong>Session 3: Genitourinary</strong> (SAM session)</td>
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<tr>
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<td><em>Moderator: Kassa Darge, MD, PhD</em></td>
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<tr>
<td>1:00-1:20 p.m.</td>
<td>Clinical Perspective: MR Urography</td>
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<td>Walid Farhat, MD</td>
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<tr>
<td>1:20-1:45 p.m.</td>
<td>Functional MR Urography Protocol Optimization: Tips &amp; Tricks</td>
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<td>Kassa Darge, MD, PhD</td>
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<tr>
<td>1:45-2:10 p.m.</td>
<td>MR Urography Applications</td>
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<td>Jonathan R. Dillman, MD, MSc</td>
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<tr>
<td>2:10-2:30 p.m.</td>
<td>Female Pelvis: Congenital Anomalies</td>
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<td>Jesse Courtier, MD</td>
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<tr>
<td>2:30-2:50 p.m.</td>
<td>Female Pelvis: Acquired Abnormalities Including Tumors</td>
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<td>Monica Epelman, MD</td>
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<td>2:50-3:00 p.m.</td>
<td>Question and Answer</td>
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<tr>
<td>3:00-3:25 p.m.</td>
<td>Break</td>
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<tr>
<td>3:25-4:55 p.m.</td>
<td><strong>Session 4: Bowel Imaging</strong></td>
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<td><em>Moderator: Jonathan R. Dillman, MD, MSc</em></td>
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<tr>
<td>3:25-3:45 p.m.</td>
<td>MR Imaging in the Management of Inflammatory Bowel Disease</td>
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<td>Anne Griffiths, MD</td>
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<tr>
<td>3:45-4:05 p.m.</td>
<td>How We Do It: MR Enterography</td>
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<td>Mary-Louise Greer, MBBS</td>
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<td>4:05-4:25 p.m.</td>
<td>MR Enterography: Interpretation and Added-Value</td>
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<td>Jonathan R. Dillman, MD, MSc</td>
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<td>4:25-4:45 p.m.</td>
<td>MRI of Perianal Fistula</td>
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<td>Michael S. Gee, MD, PhD</td>
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<td>4:45-4:55 p.m.</td>
<td>Question and Answer</td>
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</table>
Friday, September 18, 2015 (continued)

4:55-5:35 p.m.  Session 5: MRI Protocol Session
Moderator: Govind B. Chavhan, MD, DNB, DABR

Panelists:
Liver Dynamic - Alexander J. Towbin, MD
Abdominal Tumor - Geetika Khanna, MD, MS
Female Pelvis - Monica Epelman, MD
Thoracic Outlet - Govind B. Chavhan, MD, DNB, DABR
Airways/Lungs - Edward Y. Lee, MD, MPH
Vascular Anomalies - Oscar Navarro, MD

5:35 p.m.  Adjourn

Saturday, September 19, 2015

7:00-8:00 a.m.  Registration and Breakfast

7:55-8:00 a.m.  Introduction and welcome

8:00-9:45 a.m.  Session 6: Advanced MRI Techniques (SAM session)
Moderator: Daniel J. Podberesky, MD

8:00-8:35 a.m.  Diffusion Weighted Imaging
Govind B. Chavhan, MD, DNB, DABR

8:35-9:05 a.m.  MR Elastography
Daniel J. Podberesky, MD

9:05-9:35 a.m.  Whole Body MRI in Children
Geetika Khanna, MD, MS

9:35-9:45 a.m.  Question and Answer

9:45-10:05 a.m.  Break

REGISTRATION

<table>
<thead>
<tr>
<th></th>
<th>Early</th>
<th>Regular</th>
<th>Early – On or before 8/1/2015</th>
<th>Regular – 8/2/15-9/7/15</th>
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<tbody>
<tr>
<td>SPR Member Physician</td>
<td>$600</td>
<td>$625</td>
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<tr>
<td>Non-Member Physician</td>
<td>$700</td>
<td>$725</td>
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<tr>
<td>Active Duty Military</td>
<td>$425</td>
<td>$525</td>
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<tr>
<td>In-Training (Med. Stud.,</td>
<td>$250</td>
<td>$275</td>
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<tr>
<td>Resident, Fellow)</td>
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<tr>
<td>Technologist/Allied</td>
<td>$250</td>
<td>$275</td>
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<tr>
<td>Health Professional</td>
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An additional fee applies to onsite registrations.

Register Online Here

Fees include tuition, teaching materials, continental breakfasts, lunches and coffee breaks.
**Saturday, September 19, 2015 (continued)**

**10:05 a.m.-12:00 p.m.**  
**Session 7: Pediatric Body Oncology**  
*Moderator: Paul S. Babyn, MD*

10:05-10:30 a.m.  
**Clinical Perspective: MRI in Body Tumors**  
Ronald Grant, MD

10:30-10:55 a.m.  
**Marrow Imaging**  
Paul S. Babyn, MD

10:55-11:20 a.m.  
**Current Role of MRI in Pediatric Body Oncology**  
Ethan A. Smith, MD

11:20-11:50 a.m.  
**What MRI Can Tell Us About Neurogenic Tumors and Rhabdomyosarcoma**  
Beth McCarville, MD

11:50 a.m. - 12:00 p.m.  
**Question and Answer**

**12:00-1:00 p.m.**  
**Lunch**

**1:00-3:00 p.m.**  
**Session 8: Superficial Lesions, Vascular Anomalies and Chest**  
*Moderator: Edward Y. Lee, MD, MPH*

1:00-1:25 p.m.  
**Clinical Perspective: Vascular Anomalies with Revised 2014 ISSVA Classification**  
Joao Amaral, MD

1:25-2:00 p.m.  
**MRI of Soft-tissue Vascular Anomalies**  
Oscar Navarro, MD

2:00-2:30 p.m.  
**MRI of Mediastinum, Pleura and Chest Wall**  
David Manson, MD

2:30-3:00 p.m.  
**MRI Lungs, Airways and Non-cardiac Vascular**  
Edward Y. Lee, MD, MPH

**3:00-3:25 p.m.**  
**Break**
Saturday, September 19, 2015 (continued)

3:25-5:15 p.m.  Session 9: Potpourri (SAM session)
Moderator: Taylor Chung, MD

3:25-3:45 p.m.  Minimizing Sedation for MRI: Alternative Techniques
Michael S. Gee, MD, PhD

3:45-4:05 p.m.  MRI for Appendicitis
Michael M. Moore, MD

4:05-4:25 p.m.  MRI of Anorectal Malformation
Daniel J. Podberesky, MD

4:25-5:15 p.m.  Case Based Review
Taylor Chung, MD and Kassa Darge, MD, PhD

5:15 p.m.  Adjourn

HOTEL INFORMATION

Chelsea Hotel, Toronto
33 Gerard Street West
Toronto, Ontario, M5G 1Z4
(416) 595-1975

Reserve your room here, or you may call the Hotel directly at 1-800-CHELSEA or (416) 595-1975. If you call the Hotel directly, you must identify yourself as being a part of the Society for Pediatric Radiology Pediatric Body MRI Course to take advantage of the discounted group rate.

Cutoff date: August 20, 2015; thereafter, reservations will be handled on a rate availability basis. If you need to cancel, reservations must be canceled at or before 4:00 p.m. Toronto Time, on the day of arrival in order to avoid forfeiting one (1) night's room and tax charges.
Toronto is one of the most cosmopolitan cities in the world; a place where international ideas intersect with Canadian culture. A centre of rare openness, warmth, energy and style, Toronto is enriched by the fusion of traditions, passions and perspectives on life of the more than 100 cultures found here.

A city of contrasts, Toronto’s skyline includes the CN Tower, one of the Modern Wonders of the World and glass skyscrapers juxtaposed with historic limestone facades. Miles of waterfront, boardwalks, parks and trails nestle together with urban delights like cafés, artisans’ exhibits and one-of-a-kind shops.