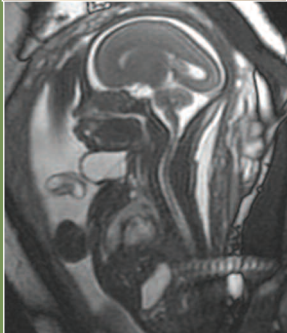
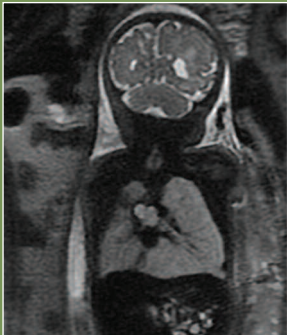


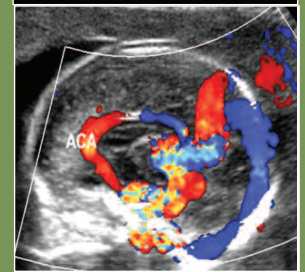
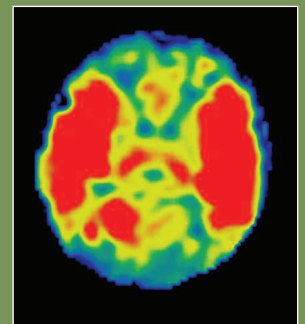
Advances in Fetal and Neonatal Imaging

NEW – “*JUST THE BASICS*” COURSE ON FRIDAY MORNING!



January 23-25, 2015

**WYNDHAM GRAND ORLANDO
RESORT BONNET CREEK
ORLANDO, FLORIDA**



Jointly provided by the American College of Radiology



Presented by **THE SOCIETY FOR PEDIATRIC RADIOLOGY**



Target Audience

The target audience for this program includes pediatric radiologists, general radiologists, perinatologists, obstetricians, neonatologists, pediatricians, genetic counselors and sonographers who care for the fetus and the neonate.

1. Discuss the basics and advances in fetal and neonatal imaging.
2. Review recent research concerning the care and imaging of the fetus and neonate.
3. Identify challenging issues in perinatal and neonatal medicine.

At the completion of this course, participants will understand basic and advanced principles of fetal and neonatal imaging, and how this imaging impacts outcome management.

CONTINUING MEDICAL EDUCATION

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 for 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 21.25 *AMA PRA Category 1 Credits™*. 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 21.50 **Category A** credit hours of the ARRT.

SAMs

The Saturday sessions during the Course meets the ABR's criteria for a self-assessment (SAM) activity in the ABR Maintenance of Certification (MOC) program.

GENETIC COUNSELOR CEUs

This course is eligible for Category 2 CEUs, which genetic counselors may self-report to the National Society of Genetic Counselors. Do note that applications and other required material must be submitted within 90 days of the last day of the Course. *The 90 day deadline is mandated by the NSGC, please visit their website (www.nsgc.org) for up-to-date information.*

PROGRAM COMMITTEE

Dorothy I. Bulas, MD, Chair

Director of Fetal Imaging
Diagnostic Imaging and Radiology/
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Professor of Radiology and Pediatrics
George Washington University
Washington, D.C.

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INVITED FACULTY

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Lille University Hospitals
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Associate Professor, Michael E. DeBakey
Department of Surgery
Departments of Pediatrics and Obstetrics
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Director, Advanced Pediatric Brain
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Technology and Translation
Professor of Pediatrics and Urology
The George Washington University and
University of Virginia
Principle Investigator, Sheikh Zayed
Institute for Pediatric Surgical Innovation
Children's National Health System
Washington, D.C.

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 January 12, 2015; thereafter, no refunds will be made. *Just the Basics Course Faculty and Registrants

Registration may be completed online through the SPR website at www.pedrad.org. Online registration will close on January 12, 2015. To inquire about registering after January 12th, please e-mail SPRmeetings@acr.org. Registrations will be accepted onsite; however, an additional fee of \$25 will be assessed.

REGISTRATION FEES

NEW – "Just the Basics" Course (Friday Morning)

(All professions welcome – You **must** register for the Fetal and Neonatal Imaging Course to attend.)

Fetal and Neonatal Imaging Course

	On or Before 12/23/2014	After 12/23/2014
NEW – "Just the Basics" Course (Friday Morning)	\$150	\$165
(All professions welcome – You must register for the Fetal and Neonatal Imaging Course to attend.)		
Fetal and Neonatal Imaging Course		
SPR Member Physicians	\$425	\$525
Non-Member Physicians	\$525	\$625
Non-Physician Medical Professionals (Sonographer, Counselor, etc.)	\$300	\$350
Residents/Fellows/In-Training/Techs	\$300	\$350
Active Duty Military	\$425	\$525

SPR MEMBER FACULTY

Carol E. Barnewolt, MD

Director of Pediatric Sonography
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Harvard Medical School
Boston, Massachusetts

Richard A. Barth, MD

Radiologist-in-Chief
Professor and Associate Chairman
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Palo Alto, California

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Pediatric Radiologist
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McGill University Health Center
Montreal, Quebec, Canada

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of Medicine
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Medical School
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Florida State University
Orlando, Florida

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Royal Oak, Michigan
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University of Colorado Denver
Colorado Fetal Care Center
Denver, Colorado

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Seattle Children's Hospital
Assistant Professor of Radiology
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Seattle, Washington

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Clinical Associated Professor
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Ste-Justine Hospital
University of Montreal
Montreal, Quebec, Canada

Teresa Victoria, MD, PhD

Assistant Professor
Children's Hospital of Philadelphia
Philadelphia, Pennsylvania

HOTEL INFORMATION

Wyndham Grand Orlando Resort Bonnet Creek

14651 Chelonia Parkway
Orlando, FL 32821
Telephone: (407) 390-2300 or
(800) 966-3426

Single/Double/Trip/Quad
Occupancy: \$179.00/night*

King or Double Queen Family Bunk
Rooms: \$229.00/night*

**Plus applicable taxes (12.5% at the
time of posting)*

**The deadline for hotel reservations
is Tuesday, December 23, 2014 at
5:00 PM 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 the dead-
line will be taken on a space-avail-
able basis and the SPR group rate
cannot be guaranteed.

MORE INFORMATION

For more information on the 2015
Advances in Fetal and Neonatal
Imaging Course, hotel accommoda-
tions and to register online, access
the QR Code below or visit the SPR
website, www.pedrad.org.

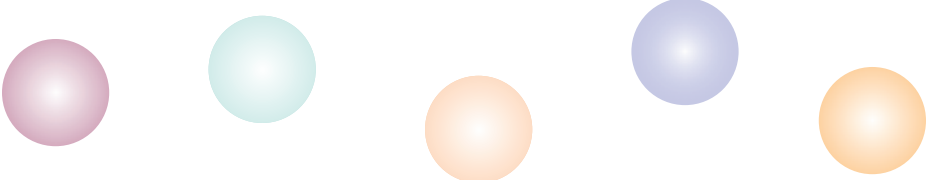


MEETING CONTACT

The Society for Pediatric Radiology

1891 Preston White Drive
Reston, VA 20191
SPRmeetings@acr.org

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



JUST THE BASICS COURSE PROGRAM

FRIDAY, JANUARY 23, 2015

7:00 – 8:00 a.m.	Continental Breakfast
7:00 a.m. – 6:00 p.m.	Registration
7:45 – 8:00 a.m.	Welcome and Introduction: What Makes a Fetal Program – The Basics Dorothy I. Bulas, MD
8:00 – 10:00 a.m.	Fetal Imaging: The Basics Part I Dorothy I. Bulas, MD, Moderator
8:00 – 8:30 a.m.	Prenatal Ultrasound: The Basics Lucia Carpineta, MD, CM
8:30 – 8:45 a.m.	How to Evaluate: The Placenta, Cervix, Amniotic Fluid and Umbilical Cord Eva Rubio, MD
8:50 – 9:10 a.m.	Fetal Doppler: How, Why, When Wesley Lee, MD
9:10 – 9:30 a.m.	Basic Fetal Cardiac Exam Wesley Lee, MD
9:30 – 9:50 a.m.	Tips to Scanning Twins/Triplets with US and MR Maria A. Calvo-Garcia, MD
9:50 – 10:00 a.m.	Questions and Answers
10:00 – 10:20 a.m.	Break
10:20 a.m. – 12:15 p.m.	Fetal Imaging: The Basics Part II Dorothy I. Bulas, MD
10:20 – 10:50 a.m.	Fetal MRI Techniques: The Basics Carol E. Barnewolt, MD
10:50 – 11:10 a.m.	MRI Evaluation of the Normal Fetal Brain: Supratentorial Beth M. Kline-Fath, MD
11:10 – 11:25 a.m.	MRI Evaluation of the Normal Fetal Brain: Infratentorial Ashley Robinson, MB ChB, FRCR, FRCPC
11:25 – 11:45 a.m.	Fetal MRI Evaluation of Lung and Abdomen: Sequences, MR Volumetry Erika Rubesova, MD
11:45 a.m. – 12:00 p.m.	Fetal MR – Is it Safe? Dorothy I. Bulas, MD
12:00 – 12:15 p.m.	The Complexities of Counseling in a Prenatal Setting Anne K. Lawrence, MS, CGC and Margaret B. Menzel, MS, CGC
12:15 p.m.	Adjourn – Just the Basics Course
12:15 – 1:30 p.m.	Lunch with the Experts – (Just the Basics Course Faculty and Registrants Only)



FETAL AND NEONATAL IMAGING PROGRAM

FRIDAY, JANUARY 23, 2015

- 1:30 – 3:30 p.m. Genitourinary**
Judy A. Estroff, MD, Moderator
- 1:30 – 1:55 p.m. Fetal GU Assessment: Case Based**
Judy A. Estroff, MD
- 2:00 – 2:20 p.m. Clinical Implication of Fetal Pyelectasis: From the Urologist Perspective**
Craig A. Peters, MD, FAAP, FACS
- 2:20 – 2:45 p.m. Neonatal GU Assessment: Case Based**
Fred E. Avni, MD, PhD
- 2:45 – 3:00 p.m. How Does Imaging Help in the Age of Robotic Urologic Surgery**
Craig A. Peters, MD, FAAP, FACS
- 3:00 – 3:30 p.m. Panel: Assessment and Treatment of GU Anomalies: Where Do We Stand?**
Moderator: Judy A. Estroff, MD
Panelists: Jeanne S. Chow, MD, Craig A. Peters, MD, FAAP, FACS,
Fred E. Avni, MD, PhD, Luis Goncalves, MD, Darrell L. Cass, MD and
Margaret B. Menzel, MS, CGC
- 3:30 – 3:50 p.m. Break**
- 3:50 – 5:35 p.m. Gastrointestinal**
Christopher Cassady, MD, Moderator
- 3:50 – 4:15 p.m. Fetal GI Bowel: Case Based**
Fred E. Avni, MD, PhD
- 4:15 – 4:35 p.m. Delivery Strategies: How Imaging Findings Affect Delivery**
Luis Goncalves, MD
- 4:35 – 5:00 p.m. Neonatal GI Abnormalities: Case Based**
Monica Epelman, MD
- 5:00 – 5:25 p.m. Neonatal GI Surgical Updates: How Can Imaging Help?**
Darrell L. Cass, MD
- 5:25 – 5:35 p.m. Questions and Answers**
- 5:35 – 6:00 p.m. Controversies in Imaging Placental Invasion US vs. MR?**
Christopher Cassady, MD and Wesley, Lee, MD
- 6:00 p.m. Adjourn**

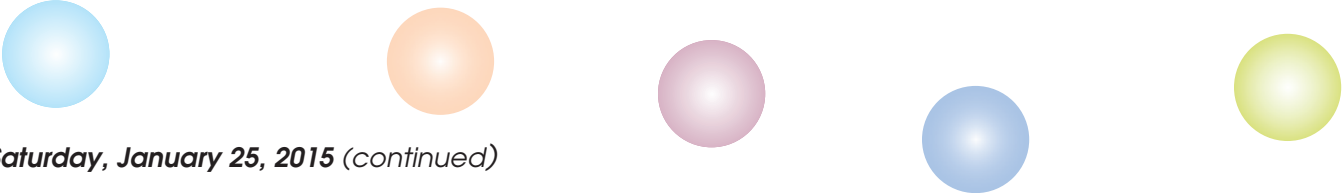
SATURDAY, JANUARY 25, 2015

All Saturday presentations, excluding panels will include SAM questions.

- 6:45 – 7:30 a.m. Continental Breakfast**
- 6:45 a.m. – 6:00 p.m. Registration**
- 7:30 – 10:40 a.m. Fetal and Neonatal CNS Case Based Part I**
Beth M. Kline-Fath, MD, Moderator
- 7:30 – 7:50 a.m. Advances in IUGR/Fetal Distress Assessment**
Wesley Lee, MD
- 7:50 – 8:10 a.m. Fetal Supratentorial Abnormalities: Case Based**
Orit A. Glenn, MD
- 8:10 – 8:30 a.m. Fetal Posterior Fossa Abnormalities: Case Based**
Ashley Robinson, MB ChB, FRCR, FRCPC
- 8:30 – 8:50 a.m. Quantitative Imaging of the Fetal Brain and Placenta: Where are we at?**
Catherine Limperopoulos, PhD

Saturday, January 25, 2015 (continued)

- 8:50 – 9:10 a.m.** **What Does the Neurologist Want to Know From the Fetal MRI?**
Terrie E. Inder, MD, PhD
- 9:10 – 9:25 a.m.** **Relevance of Placental Findings to Fetal Brain Injury and Ultimate Neuro Outcome**
Jeffrey J. Neil, MD, PhD
- 9:30 – 9:50 a.m.** **Neonatal Cranial US Update: Case Based**
Fred E. Avni, MD, PhD
- 9:50 – 10:10 a.m.** **Neonatal MR of CNS Injury: Case based**
Orit A. Glenn, MD
- 10:10 – 10:30 a.m.** **The Predictive Value of MRI in the Premature Infant**
Terrie E. Inder, MD, PhD
- 10:30 – 10:40 a.m.** **Questions and Answers**
- 10:40 – 10:50 a.m.** **Break**
- 10:50 a.m. – 12:10 p.m.** **Fetal and Neonatal CNS Case Based Part II**
Beth M. Kline-Fath, MD, Moderator
- 10:50 – 11:10 a.m.** **Fetal Spine: Case Based**
Dorothy I. Bulas, MD
- 11:10 – 11:30 a.m.** **Updates on CNS Fetal Surgery: MOMS**
Darrell L. Cass, MD
- 11:30 – 11:50 a.m.** **Neonatal Spine US: Case Based**
Leann E. Linam, MD
- 11:50 a.m. – 12:10 p.m.** **Neuroimaging after HIE: What Are the Latest Recommendations from Our Clinicians?**
Jeffrey J. Neil, MD, PhD
- 12:10 – 12:30 p.m.** **Panel: How Does Advanced Fetal and Neonatal CNS Imaging Affect Outcome?**
Moderator: Beth M. Kline-Fath, MD
Panelists: Darrell L. Cass, MD, Catherine Limperopoulos, PhD, Jeffrey J. Neil, MD, PhD, Terrie E. Inder, MD, PhD, Margaret B. Menzel, MS, CGC and Orit A. Glenn, MD
- 12:35 – 1:45 p.m.** **Lunch with the Experts**
- 1:45 – 3:50 p.m.** **Fetal Neonatal Chest**
Richard A. Barth, MD, Moderator
- 1:45 – 2:00 p.m.** **Fetal Neck Masses: Case Based**
Mariana Meyers, MD
- 2:00 – 2:15 p.m.** **The Many Facets of VACTERL: Case Based**
Teresa Chapman, MD, MA
- 2:15 – 2:35 p.m.** **Fetal Lung Masses: Case Based**
Fred E. Avni, MD, PhD
- 2:35 – 3:00 p.m.** **Fetal Neck and Chest Surgical Management Updates**
Darrell L. Cass, MD
- 3:05 – 3:20 p.m.** **Fetal Congenital Diaphragmatic Hernia: Case Based**
Christopher Cassady, MD
- 3:20 – 3:50 p.m.** **Panel: Controversies in Fetal Neck and Congenital Lung Malformation and Congenital Diaphragmatic Hernia**
Moderator: Richard A. Barth, MD
Panelists: Darrell L. Cass, MD, Mariana Meyers, MD, Christopher Cassady, MD, Fred E. Avni, MD, PhD, Richard B. Parad, MD, MPH and Anne K. Lawrence, MS, CGC
- 3:50 – 4:15 p.m.** **Break**
- 4:15 – 6:00 p.m.** **Neonatal Chest**
Richard A. Barth, MD, Moderator
- 4:15 – 4:35 p.m.** **Neonatal Chest Radiographs: Case Based**
Beth M. Kline-Fath, MD



Saturday, January 25, 2015 (continued)

- 4:35 – 5:00 p.m.** **Neonatal Interstitial Lung Disease: Case Based**
R. Paul Guillerman, MD
- 5:00 – 5:20 p.m.** **Neonatal Pulmonary Hypoplasia/Pulmonary Hypertension Therapeutic Options**
Richard B. Parad, MD, MPH
- 5:20 – 5:40 p.m.** **ALARA and AHARA: Finding a Balance**
R. Paul Guillerman, MD
- 5:40 – 6:00 p.m.** **Questions and Answers**
- 6:00 p.m.** **Adjourn**

SUNDAY, JANUARY 25, 2015

- 7:00 – 8:00 a.m.** **Continental Breakfast**
- 7:00 a.m. – 12:30 p.m.** **Registration**
- 7:30 – 9:15 a.m.** **Advanced Imaging**
Judy A. Estroff, MD, Moderator
- 7:30 – 7:55 a.m.** **3D US: How Does It Help**
Luis Goncalves, MD
- 8:00 – 8:20 a.m.** **Fetal Imaging In Europe: Differences and Similarities**
Fred E. Avni, MD, PhD
- 8:20 – 8:40 a.m.** **Tips and Tricks: Getting the Fetal MR Images You Want**
Beth M. Kline-Fath, MD
- 8:40 – 9:00 a.m.** **Fetal 3T MRI: How To Do It, Why To Do It**
Teresa Victoria, MD, PhD and Carol E. Barnewolt, MD
- 9:00 – 9:15 a.m.** **Clinical Uses of Advanced Fetal Imaging: Case Based**
Usha Nagaraj, MD
- 9:20 – 10:45 a.m.** **Fetal and Neonatal Skeletal Dysplasias**
Christopher Cassady, MD, Moderator
- 9:20 – 9:35 a.m.** **Prenatal US Evaluation of Skeletal Dysplasia Lethal or Nonlethal**
Francoise Rypens, MD
- 9:35 – 9:50 a.m.** **Fetal MR Evaluation of Skeletal Dysplasia Lethal or Nonlethal**
Carl A. Merrow, MD
- 9:50 – 10:05 a.m.** **Fetal CT Evaluation of Skeletal Dysplasia Lethal or Nonlethal**
Teresa Victoria, MD, PhD
- 10:05 – 10:20 a.m.** **Neonatal Evaluation of Skeletal Dysplasia Lethal or Nonlethal**
Shawn E. Parnell, MD
- 10:20 – 10:35 a.m.** **The Future of Dysplasia Genomics**
Richard B. Parad, MD, MPH
- 10:35 – 10:45 a.m.** **Questions and Answers**
- 10:45 – 11:00 a.m.** **Break**
- 11:00 – 11:30 a.m.** **Panel: What Makes a Fetal Center Work?**
Moderator: Dorothy I. Bulas, MD
Panelists: Christopher Cassady, MD, Beth M. Kline-Fath, MD,
Judy A. Estroff, MD, Teresa Victoria, MD, PhD and Luis Goncalves, MD
- 11:30 a.m. – 12:30 p.m.** **Panel: Interesting Fetal/Neonatal Cases From Your Institution**
Moderator: Judy A. Estroff, MD
- 12:30 p.m.** **Adjourn**