



Advances in *Fetal Care* 2005

The first annual Advanced Fetal Care Center
International symposium on advances in fetal
imaging, diagnosis, surgical intervention
and postnatal care

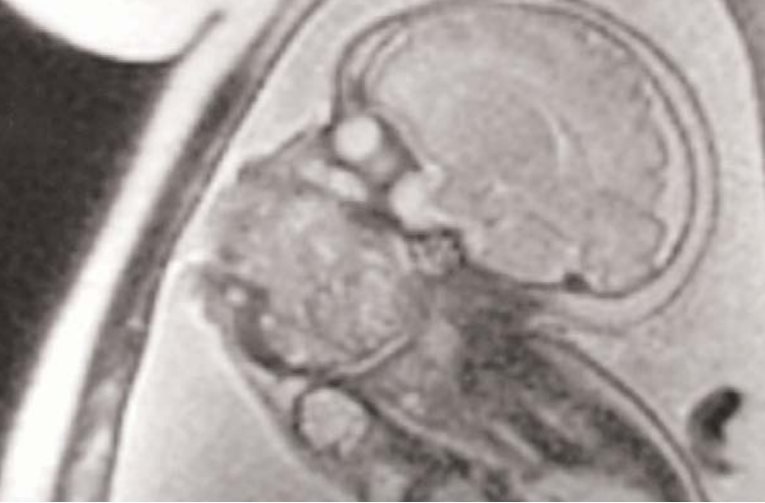
Friday, April 29th and Saturday, April 30th, 2005
Harvard Medical School - 77 Avenue Louis Pasteur, Boston, MA 02115

HOSTED BY
 Children's Hospital Boston
Advanced Fetal Care Center



WWW.CHILDRENSHOSPITAL.ORG/AFCC

The Advanced Fetal Care Center (AFCC) at Children's Hospital Boston, as part of the Harvard consortium of hospitals, holds a place of distinction as the **only** center that performs fetal cardiac intervention in the world! The center is one of a kind in New England and only one of four like it in the nation.



The Advanced Fetal Care Center

Since its inception in 2000, the AFCC has seen a plethora of patients with a variety of diagnoses referred from local, national and global healthcare entities. The Center offers fetal intervention for patients with complex anomalies who would otherwise have increased morbidity and mortality at delivery. Coordination of diagnostic imaging, counseling, care and delivery is provided for complex cases requiring pediatric specialists in radiology, surgery, urology, neonatal care, genetics, anesthesiology, cardiology, cardiovascular surgery, otolaryngology, neurology, neurosurgery and orthopaedics. Moreover, the AFCC holds a weekly conference where approximately 75 multi-disciplinary healthcare professionals collaborate on the rarest and most fascinating fetal cases to determine the best plan of care.

General Information

The course will be held on Friday, April 29 through Saturday, April 30th at The Conference Center at Harvard Medical School at 77 Avenue Louis Pasteur in Boston. Children's Hospital Boston is the primary pediatric teaching institute of Harvard Medical School.

Course Objective

- Describe the multi-disciplinary approach in the diagnostic imaging, counseling and innovative treatments of the patient with a fetus with a complex congenital anomaly.
- Describe advances in fetal research and genetic implications.
- Recognize state-of-the-art technologies utilized and outcomes of patients undergoing fetal cardiac interventions.



General information

Accreditation

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of The National Center for Advanced Medical Education, a division of CMEinfo.com, and the Advanced Fetal Care Center, Children's Hospital Boston. The National Center for Advanced Medical Education, a division of CMEinfo.com, is accredited by the ACCME to provide continuing medical education for physicians.

Credit Designation

The National Center for Advanced Medical Education, a division of CMEinfo.com, designates this activity for a maximum of 13 category 1 credits toward the AMA Physician Recognition Award. Physicians will receive 13 category 1 credits and Registered Nurses will receive 13 CEU credits for attending this conference. Each physician and nurse should claim only those credits that s/he actually spent in the educational activity.

Faculty Disclosure

The National Center for Advanced Medical Education, a division of CMEinfo.com, adheres to the ACCME Essential Areas and Policies regarding industry support of continuing medical education. Disclosure of faculty and commercial relationships will be made known at the activity. Speakers are also expected to openly disclose any off-label, experimental or investigational use of drugs or devices in their presentations.

Cancellation and Refund Policy

Registration fee includes admission to all scientific sessions, continental breakfasts and lunches on Friday and Saturday and the Spirit of Boston Cruise Friday evening.

Cancellations must be received in writing two weeks prior to event. A \$50 processing fee will be deducted from the refund. There will be no refunds for requests received after April 15, 2005.

Americans with Disabilities Act

Children's Hospital Boston is committed to making its activities accessible to all individuals. If you have specific requirements, please submit a written description of your service needs.



Day 1 Friday, April 29



Pam and Jake Pomrink from Bethlehem, PA. Jake was diagnosed in utero with hypoplastic left heart syndrome (HLHS) and an intact atrial septum. Cardiologist-in-Chief Jim Lock, MD, performed a fetal catheterization to create a perforation in the atrium. Two days after Jake was born, he underwent the first of three surgeries to repair his HLHS. He is now a happy and healthy three year old. To date, Children's Hospital Boston is the only place this procedure is performed.

Day 1 Friday, April 29

- 7:30 Registration / Continental Breakfast
- 8:30 Welcome
Alan Retik, MD
Russell Jennings, MD
- 8:45 Imaging the Fetal Chest; an Update in the Era of MRI
Carol Barnewolt, MD
Judy Estroff, MD
- 9:20 Current Management of Prenatally Diagnosed Lung Masses
Russell Jennings, MD
- 10:20-10:40 Break
- 10:45 Preimplantation Genetics Diagnosis
Louise Wilkins-Haug, MD
- 11:20 Uroradiologic Evaluation of the Infant Found to Have Hydronephrosis in Utero
Robert Lebowitz, MD
- 11:45 Prenatal Diagnosis of Exstrophy of Bladder and Other Genito-urinary Anomalies
Joseph Borer, MD
- 12:20 Approach to the Unborn Neurosurgical Patient
Joseph Madsen, MD
- 12:55-1:55 Lunch
- 2:00 PANEL - Fetal Cardiac Intervention
Wayne Tworetzky, MD
Louise Wilkins-Haug, MD
Carol Benson, MD
- 3:00 Care of the Pregnant Patient with a Fetal Anomaly
Ian Grable, MD
- 3:30 Advanced Fetal Care Center - Not Just a Fetal Surgery Program
Luanne Nemes, RN, MS, PNP
- 3:45-4:00 Break
- 4:05 Advanced Imaging of the Abnormal Fetal Abdomen
Carol Barnewolt, MD
Judy Estroff, MD
- 4:20 Fetal Gastrointestinal Pathology: from Imaging to Outcome
Terry Buchmiller, MD
- 4:40 Serial Transverse Enteroplasty (STEP) in the Neonate for Prevention of Short Bowel Syndrome
Heung Bae Kim, MD
- 5:30 Shuttle Departure for Spirit of Boston (place TBA)

Day 2 Saturday, April 30

- 8:00 MRI of Fetal Ventriculomegaly
Deborah Levine, MD
- 8:25 Complex Fetal Neuroradiology Cases
Caroline Robson, MD
- 8:50 Normal and Abnormal Development of the Posterior Fossa
Adre du Plessis, MD
- 9:10 Neurodevelopmental Outcome of Infants with Posterior Fossa Disgenesis
Catherine Limperopoulos, PhD
- 9:40-10:00 Break
- 10:05 State-of-the-art Imaging of Fetal Craniofacial Anomalies
Carol Barnewolt, MD
Judy Estroff, MD
- 10:30 Vascular Anomalies in the Fetus and Newborn
Steven Fishman, MD
- 11:05 Craniofacial Anomalies
John Mulliken, MD
- 11:40 Genetic Considerations in the Prenatal Patient
Mira Irons, MD
- 12:15-1:15 Lunch
- 1:20 The Impact of 3D Sonography on Fetal Diagnosis
Beryl Benacerraf, MD
- 1:50 PANEL - The Threatened Airway
Russell Jennings, MD
Reza Rahbar, MD
Carol Barnewolt, MD
Ian Grable, MD
Linda Bulich MD
- 2:50-3:10 Break
- 3:15 PANEL - Fetal Tissue Engineering, Stem Cells, and Other Alternatives for the Treatment of Birth Defects
Dario Fauza, MD
Craig Peters, MD
Laura Myers, MD
Terry Buchmiller, MD
- 4:15 3D Ultrasound Guided Intracardiac Surgery
Pedro Del Nido, MD
- 4:40 Prenatal Diagnosis of Skeletal Abnormalities
James Kasser, MD
- 5:00 Fetal Care; the Neonatologist's Role
Anne Hansen, MD



Ryan Haigh from Atlanta, GA. While in utero, Ryan's mother received his diagnosis of severe right sided congenital diaphragmatic hernia. After extensive evaluation and discussion with Jay Wilson, MD and Russell Jennings, MD, he underwent an EXIT procedure with trial of ventilation and placement on ECMO. He underwent subsequent repair of his diaphragm and spent 2 months at Children's Hospital Boston recovering from his surgery. He is now an active and healthy 1 year old.

Directors & Faculty

Course Directors

Alan B. Retik, MD

Surgeon-in-Chief, Dept of Urology
Executive Director of the Advanced Fetal Care Center
Children's Hospital Boston
Professor of Surgery, Harvard Medical School

Russell W. Jennings, MD

Medical Director of the Advanced Fetal Care Center,
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Fetal Surgeon, Brigham & Women's Hospital, Boston
Assistant Professor of Surgery, Harvard Medical School

Luanne Nemes, RN, MS, PNP

Clinical Coordinator of Advanced Fetal Care Center
Children's Hospital Boston

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Harvard Medical School

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Harvard Medical School

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Clinical Professor of OB/GYN and Radiology,
Harvard Medical School

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Senior Associate in Cardiovascular Surgery,
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Director of Neonatal Neurology Program,
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Instructor, Harvard Medical School

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Harvard Medical School

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Associate Professor of Pediatrics,
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Children's Hospital Boston, Instructor in
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James Kasser, MD

Orthopaedic Surgeon-in-Chief,
Children's Hospital Boston,
John E. Hall Professor in Orthopaedic Surgery,
Harvard Medical School

Robert Lebowitz, MD

Associate Chief of Academics,
Children's Hospital Boston, Professor of
Radiology, Harvard Medical School

Deborah Levine, MD

Co-Chief of Ultrasound,
Beth Israel Deaconess Medical Center,
Associate Professor of Radiology,
Harvard Medical School

Catherine Limperopoulos, Ph.D.

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Children's Hospital Boston,
Instructor in Neurology,
Harvard Medical School

Joseph Madsen, MD

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Associate Professor,
Harvard Medical School

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Harvard Medical School

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Children's Hospital Boston,
Instructor in Pediatrics,
Harvard Medical School

Louise Wilkins-Haug, MD, PhD

Director, Division of Maternal Fetal Medicine
and Reproductive Genetics,
Brigham and Women's Hospital,
Associate Professor, Harvard Medical School



Spirit of Boston Cruise

On Friday April 29th, 6:30 - 10pm, join us for a dinner cruise around historic Boston Harbor. A shuttle will leave from the Longwood Medical area to bring conference attendees and speakers to the Commonwealth Pier at the World Trade Center in the Seaport District. The excursion will include a gourmet dinner with spectacular views of the city's downtown. The event is free to all attendees and additional non-registered guests are welcome to join us at a fee of \$70.00.

Useful Information

Hotel Accommodations

Children's Hospital Boston has reserved a block of rooms at a discounted rate of \$149 per night at:

Best Western - Inn at Longwood (next to Children's Hospital Boston)
342 Longwood Avenue
Boston, MA 02115

Call 1-877-267-9991 toll-free for reservations and mention the AFCC conference for a discounted rate. The rate expires on March 30, 2005.

Hotel parking \$16/day with room reservation.

Special Airfare

American Airlines is designated as the official carrier for the attendees of the "Advances in Fetal Care 2005." To make reservations, American Airlines Meeting Services can assist you by calling 800-433-1790 seven days/week, from 5 am to 12 midnight (Central time). Refer to STARfile Number S6545AS. Travel discounts valid between April 27 - May 2, 2005. Children's Hospital Boston is located 6.5 miles from Logan International Airport.

Rental Cars

Attendees may take advantage of a special negotiated rate with Avis Rent A Car. Please call 800-537-4547 for reservations. Reference B136000 to receive a discount associated with The Advances in Fetal Care 2005 conference.

Parking

Discount parking is available at the conference center. Limited space is available on Friday. There are additional parking facilities available in the Longwood Medical Area.

Public Transportation

To find out about public transportation options, please visit <http://www.mbta.com/>

Driving Directions

Driving directions to Children's Hospital Boston are available at www.childrenshospital.org/directions.

If you have any questions about this course, please contact Deb O'Hara-Ruszkowski at 617-355-7422 or AFC2005@childrens.harvard.edu

Registration form

Advances in Fetal Care 2005 April 29th - 30th, 2005 Children's Hospital Boston

Name _____		Title/Specialty _____
Institution _____		
Address _____		
City _____	State _____	Zip _____
Telephone _____		Fax _____
Email address _____		

Registration Fees (meals are included)

- Physician \$375
- Physician in Training, Nurse, Allied Health Professional \$250
- Yes, I will attend the Spirit of Boston Cruise (space is limited)
- Please include \$70 for each unregistered guest, please indicate number attending _____

Method of Payment

If paying by check, please make check payable to AFCC, Children's Hospital Boston

- Personal Check
- Institutional Check
- American Express
- Mastercard
- Visa

Credit card number _____ Exp. Date _____

How did you hear about us?

- Brochure
- Advertisement
- Web
- Children's Hospital Boston publication
- Other _____

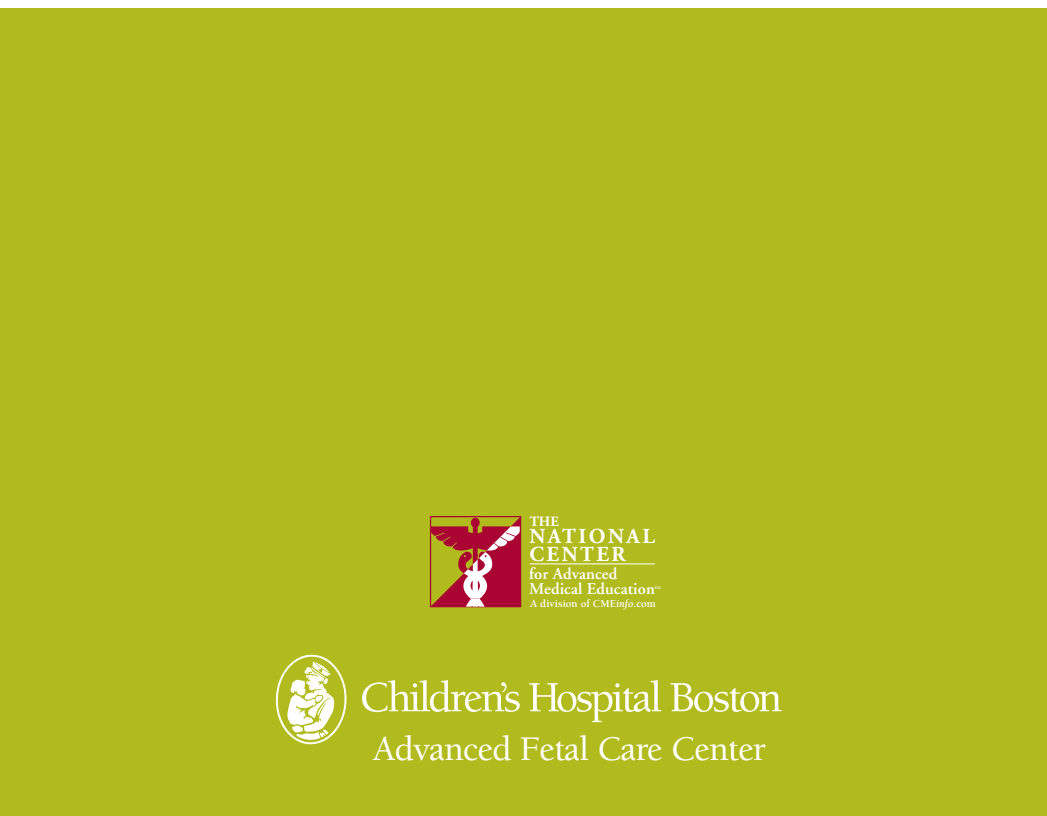
Please mail or fax the completed registration

Doreen Dean
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Space is limited. Registration deadline is April 1, 2005



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