Third Annual
Fetal & Neonatal Imaging: Analyses Across a Life Border

April 11-12, 2014
The Peabody Hotel
149 Union Avenue
Memphis, Tennessee
Course Description
The purpose of the conference is to assemble obstetric, pediatric and radiology specialists to discuss current state-of-the-art imaging techniques to improve prenatal and postnatal diagnoses of congenital anomalies and their postnatal treatments. This conference is different than others, in that it seeks to have key clinical and imaging information cross the traditional boundary separating obstetrical practice from those of pediatric specialists. It highlights the common approaches used by both disciplines and opens dialogue among providers who view the earliest months of life from different perspectives. It will also provide a great opportunity for clinicians and imagers of various levels of experience, as well as fellows, residents, medical students and sonography students to become engaged in the important learning points taught.

Target Audience
This course is designed for neonatologists, perinatologists, obstetricians, radiologists, sonographers and other healthcare providers and their trainees who are involved in the care of the fetal/pediatric patient.

Course Directors:
Harris L. Cohen, M.D., FACR  
Professor and Chair; Department of Radiology  
Professor, Department of Obstetrics and Gynecology and Pediatrics  
University of Tennessee Health Science Center  
Medical Director, Radiology, Le Bonheur Children’s Hospital  
Memphis, Tennessee

Giancarlo Mari, M.D., M.B.A.  
Professor and Chair, Department of Obstetrics and Gynecology  
University of Tennessee Health Science Center  
Medical Director, Fetal Center, Le Bonheur Children’s Hospital  
Memphis, Tennessee
Guest Faculty:

**Dorothy Bulas, M.D., FACR, FAIUM FSRU**
Section Head, Fetal Imaging and Ultrasound
Vice Chief of Academic Affairs
Fellowship Program Director
Division of Diagnostic Imaging and Radiology
Children’s National Medical Center
George Washington School of Medicine
Washington, D.C.

**Julia Solomon, M.D.**
Director, Fetal Diagnostic Center
Division of Maternal-Fetal Medicine
Department of Obstetrics and Gynecology
St. Joseph’s Hospital and Medical Center
Chandler Regional Medical Center
Phoenix, Arizona

Faculty:

**Alex Arevalo, M.D.**
Assistant Professor, Department of Pediatrics, Division of Pediatric Cardiology, University of Tennessee Health Science Center

**Frederick Boop, M.D.**
Co-Director of Neuroscience Institute, Medical Director of the Neurosurgical ICU, Le Bonheur Children’s Hospital; Professor and Chairman, Department of Neurosurgery, University of Tennessee Health Science Center

**Asim Choudhri, M.D.**
Assistant Chairman of Radiology (Research Activities), Assistant Professor of Radiology & Neurosurgical University of Tennessee HSC; Physician in-charge, Pediatric Neuroradiology, Le Bonheur Children’s Hospital

**Laura Detti, M.D.**
Associate Professor, Department of Obstetrics and Gynecology, Division of Reproductive Endocrinology and Infertility, University of Tennessee Health Science Center

**Luis M. Gomez, M.D.**
Assistant Professor, Department of Obstetrics and Gynecology, Division of Maternal Fetal Medicine, University of Tennessee Health Science Center

**Christopher Knott-Craig, M.D.**
Medical Director of Cardiothoracic Surgery, Co-Director of the Heart Institute, Le Bonheur Children’s Hospital; Professor of Surgery, University of Tennessee Health Science Center

**Jacques E. Samson, M.D.**
Assistant Professor, Department of Obstetrics and Gynecology, Division of Maternal Fetal Medicine, University of Tennessee Health Science Center

**Mauro Schenone, M.D.**
Assistant Professor, Department of Obstetrics and Gynecology, Division of Maternal Fetal Medicine, University of Tennessee Health Science Center

**Akosua Sintim-Damo, M.D.**
Assistant Professor, Department of Radiology, University of Tennessee Health Science Center; Le Bonheur Children’s Hospital
Objectives -

Upon completion of this course, the participant should be able to:

• identify aspects of current state-of-the-art imaging with regard to various body organ systems in the fetus and neonate, particularly the cardiac and central nervous systems.
• identify current controversies in imaging interpretation and current imaging diagnostic practice.
• identify the thoughts of various clinician subspecialties regarding antenatal abnormalities and their postnatal care.
• identify recent advances in prenatal testing and in-utero intervention.

Faculty Disclosure

As a provider accredited by ACCME, Methodist Le Bonheur Healthcare must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course director, planning committee, faculty, and all others who are in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any commercial interest related to the subject matter of the educational activity. Safeguards against commercial bias have been put in place. Faculty will also disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of these relevant financial relationships will be published in course materials so those participants in the activity may formulate their own judgments regarding the presentation.

Accreditation

Methodist Le Bonheur Healthcare is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Methodist Le Bonheur Healthcare is accredited by the Society of Diagnostic Medical Sonography to provide continuing medical education for sonographers.

Credit

Methodist Le Bonheur Healthcare designates this live activity for a maximum of 11.5 AMA PRA Category 1 Credits.™

This activity will provide a maximum of 11.5 SDMS credits.

Participants should claim only the credit commensurate with the extent of their participation in the activity.

Course Alterations

Changes in the program faculty, topics, and/or schedule may be necessary. These may occur without notice when time does not permit earlier notification.

Conference Materials

Conference materials will be available electronically on April 8, 2014. After registering for the conference you will be given a link and password to access the materials.
Friday, April 11, 2014

12:00 p.m.  Registration
12:30 p.m.  Opening, Welcome and Disclosures

I. Perinatal Imaging – Dr. Harris L. Cohen, Moderator
12:40 p.m.  Basics in Fetal Neuroimaging using Ultrasound and MRI
            Dr. Harris L. Cohen
1:10 p.m.   Neonatal Neurosonography: Brain and Spine
            Dr. Harris L. Cohen
1:40 p.m.   Advances in Neonatal Neuroimaging – Dr. Asim Choudhri
2:10 p.m.   Questions and Answer Session
2:20 p.m.   Break

II. Fetal Imaging – Dr. Harris L. Cohen, Moderator
2:40 p.m.   Non-Cardiac Fetal Chest Imaging – Dr. Akosua Sintim-Damoa
3:10 p.m.   Cases in Perinatal Imaging - Drs. Luis Gomez, Jacques Samson, Mauro Schenone and Akosua Sintin-Damoa
3:50 p.m.   Question and Answer Session

III. Fetal 3D & Doppler – Dr. Harris L. Cohen, Moderator
4:00 p.m.   Evaluating the Fetus in 3D (Emphasis on the Brain and Heart) – Dr. Julia Solomon
4:40 p.m.   Fetal Cardiovascular Doppler: Understanding the Physiology - Dr. Jacques Samson
5:10 p.m.   Doppler Applications in Obstetrics - Dr. Giancarlo Mari
5:40 p.m.   Questions and Answer Session
5:50 p.m.   Adjourn
6:00 p.m.   Reception and Tour of Le Bonheur Children's Hospital

Saturday, April 12, 2014

7:30 a.m.   Registration and Breakfast

IV. The Fetal Heart – Dr. Giancarlo Mari, Moderator
8:00 a.m.   Practical Pearls in Fetal Cardiac Screening
            Dr. Giancarlo Mari
8:30 a.m.   The Three-Vessel View - Dr. Julia Solomon
9:00 a.m.   Conotruncal Abnormalities - Dr. Alex Arevalo
9:30 a.m.   Question and Answer Session
9:45 a.m.   Break
V. Advanced Fetal Imaging - Non Cardiac
Dr. Giancarlo Mari, Moderator
10:00 a.m. Fetal MRI from Head to Toe - Dr. Dorothy Bulas
10:45 a.m. Ultrasound for Fetal Extracardiac Anomalies Associated with Congenital Heart Disease - Dr. Julia Solomon
11:30 a.m. Perinatal Gastrointestinal Tract Imaging - Dr. Dorothy Bulas
12:15 p.m. Question and Answer Session
12:30 p.m. Lunch

VI. Women’s Health – Dr. Giancarlo Mari, Moderator
1:15 p.m. 2D and 3D Ultrasound Imaging in Women’s Health
Dr. Laura Detti
1:45 p.m. Cases in Gynecological Imaging
Dr. Laura Detti
2:15 p.m. Question and Answer Session

VII. Clinician’s Perspectives in Perinatal Imaging
Dr. Giancarlo Mari, Moderator
2:30 p.m. The Surgical Correction of Congenital Heart Abnormalities
Dr. Christopher Knott-Craig
3:10 p.m. Perinatal Management and Outcomes for the Infant with a Brain Abnormality - Dr. Frederick Boop
3:40 p.m. Questions and Answer Session
4:00 p.m. Adjourn

Registration Fees
The registration fee is $300.00 for Physicians; $175.00 for Nurse Practitioners, Physician Assistants, and Sonographers; $125.00 for fellows, residents, nurses and students.

The registration fee includes course material, breakfast, lunch and breaks. Full refund will be given for cancellation notice in writing before March 10, 2014. Cancellations after that date will be assessed a fee. No refunds will be given after March 20, 2014.

Conference Site & Hotel Accommodations
The world famous Peabody Hotel “the South’s Grand Hotel” in historic downtown Memphis is the setting for this conference. Area attractions include Graceland, Beale Street, and the National Civil Rights Museum.

Rooms at The Peabody Hotel, 149 Union Avenue, Memphis, Tennessee, are $195.00 + tax and hotel fee/night. For reservations contact The Peabody at 1-800 PEABODY, Press 2, and notify them that you are with Le Bonheur Fetal Imaging. Reservations must be received by March 21, 2014. There will be a daily parking charge.

Memphis Attractions
Please visit www.memphistravel.com for a list of attractions and details.
Name: ________________________________________________________

MD  DO  NP  PA  RN  Sonographer  Student  Other:__________

Institutional Affiliation: ____________________________________________

Address: _______________________________________________________

City, State, Zip: ________________________________________________

Phone: ( ) ______________________ Fax: ( ) ______________________

Specialty: ____________________ Email: ___________________________

Sonographers: SDMS#: ________________ RDMS#: ________________

Birthdate (required for credit): ______________________________________

$300.00 for Physicians and Non-Healthcare professionals
$175.00 for Nurse Practitioners, Physician Assistants and Sonographers
$125.00 for Fellows, Nurses, Residents and Students

The registration fee includes course material, breakfast, lunch and breaks. Full refund will be given for cancellation notice in writing before March 10, 2014. Cancellations after that date will be assessed a fee. No refunds will be given after March 20, 2014. Methodist Le Bonheur Healthcare reserves the right to alter, reschedule, or cancel this program should circumstances so dictate.

Method of Payment

Check for $ _____ enclosed (payable to Methodist Le Bonheur Healthcare)

Credit Card: Charge $ _____ to my:

American Express  MasterCard  VISA  Discover

Credit Card #: _________________________________________________

**CSC #: ____________________ Exp. Date: ________________________

Card Holders Name: ____________________________________________

(Please print)

Signature: _____________________________________________________

(Card holder signature)

Statement Address: ______________________________________________

City, State, Zip: ________________________________________________

** The card security code is a 3 or 4-digit number, which is not part of the credit card number. The CSC is on the back of a credit card (usually in the signature field).

On-line registration available at www.methodistmd.org or
mail or fax your completed registration form and fees to:

Continuing Medical Education • Methodist Le Bonheur Healthcare
251 S. Claybrook, Ste. 222 • Memphis, TN 38104
(901) 516-8933 • Fax: (901) 516-8811