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

October 28-29, 2016
Le Bonheur Children’s Hospital
Faculty Office Building Conference Center
51 North Dunlap
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 of Radiology
Professor, OB & Gyn and Pediatrics
University of Tennessee Health Science Center
Radiologist-in-Chief
Le Bonheur Children’s Hospital
Memphis, Tennessee

**Mauro Schenone, M.D.**
Assistant Professor
Department of Obstetrics and Gynecology
University of Tennessee Health Science Center
Director of Ultrasound
Regional One 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:

James Huhta, M.D.
Perinatal Cardiology
Mednax-Pediatric Medical Group
Tampa, FL

Faculty:

Umar Boston, M.D.
Assistant Professor of Pediatrics and Surgery, Division of Cardiothoracic Surgery, University of Tennessee Health Science Center, Director Heart Failure and Transplantation, Director of Adult Congenital Heart Surgery Program, Le Bonheur Children’s Hospital

Asim F. Choudhri, M.D.
Associate Chair of Radiology (Research Activity), Associate Professor of Radiology and Neurosurgery, University of Tennessee Health Science Center, 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

Jose Duncan, M.D.
MFM Fellow, Instructor, Department of Obstetrics and Gynecology, 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

Stephen F. Miller, M.D.
Associate Professor, Department of Radiology, University of Tennessee Health Science Center, Le Bonheur Children’s Hospital

Fernand Samson, M.D.
MFM Fellow, Instructor, Department of Obstetrics and Gynecology, University of Tennessee Health Science Center

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

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

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

Ana Tobiasz, M.D.
MFM Fellow, Instructor, Department of Obstetrics and Gynecology, University of Tennessee Health Science Center

Jeffrey A. Towbin, M.D.
Executive Co-Director, The Heart Institute, Professor and Chief, Pediatric Cardiology, Vice Chair, Strategic Advancement, 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 11.25 AMA PRA Category 1 Credits.™ Physicians should claim only the credit commensurate with the extent of their participation in the activity. This activity will provide a maximum of 5.5 SDMS credits.

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 October 25, 2016. After registering for the conference you will be given a link and password to access the materials.
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Presenter(s)</th>
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<tbody>
<tr>
<td>7:30 a.m.</td>
<td>Registration and Breakfast</td>
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<tr>
<td>7:50 a.m.</td>
<td>Welcome, Introduction and Disclosures</td>
<td>Dr. Harris L. Cohen</td>
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<tr>
<td>8:00 a.m.</td>
<td>Perinatal Neurosonography-Antenatal Analysis</td>
<td>Dr. Harris L. Cohen</td>
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<tr>
<td>8:30 a.m.</td>
<td>Postnatal Brain Assessment</td>
<td>Dr. Asim Choudhri</td>
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<td>9:00 a.m.</td>
<td>Fetal Genitourinary System</td>
<td>Dr. Harris L. Cohen</td>
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<td>9:30 a.m.</td>
<td>Fetal Abdomen Non-Genitourinary</td>
<td>Dr. Jacques Samson</td>
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<td>10:00 a.m.</td>
<td>Question and Answer Session</td>
<td>Drs. Harris L. Cohen, Asim Choudhri and Jacques Samson</td>
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<td>10:00 a.m.</td>
<td>Fetal Thorax Non-Cardiac</td>
<td>Dr. Akosua Sintim-Damoa</td>
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<td>11:00 a.m.</td>
<td>Fetal Skeleton Normal and Abnormal: How to Solve the Puzzle</td>
<td>Dr. Luis Gomez</td>
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<td>11:30 a.m.</td>
<td>Skeletal Dysplasias: A Postnatal Imaging Perspective</td>
<td>Dr. Stephen Miller</td>
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<td>12 noon</td>
<td>Lunch</td>
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<tr>
<td>1:00 p.m.</td>
<td>Fetal Growth and Wellbeing Evaluation and What to Do When Abnormal</td>
<td>Dr. Danielle Tate</td>
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<tr>
<td>1:30 p.m.</td>
<td>Ultrasound Pitfalls and More</td>
<td>Dr. Mauro Schenone</td>
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<td>2:00 p.m.</td>
<td>Just Images</td>
<td>MFM Fellows: Drs. Anna Tobiasz, Jose Duncan and Fernand Samson</td>
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<tr>
<td>2:30 p.m.</td>
<td>Questions and Answer Session</td>
<td>Drs. Harris Cohen, Mauro Schenone, Akosua Sintim-Damoa</td>
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<td>3:00 p.m.</td>
<td>1st Trimester Ultrasound</td>
<td>Dr. Laura Detti</td>
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<td>3:30 p.m.</td>
<td>Imaging of Multiple Gestation Pregnancies</td>
<td>Dr. Mauro Schenone</td>
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<td>4:00 p.m.</td>
<td>Fetal Doppler: The Basics and Beyond</td>
<td>Dr. Giancarlo Mari</td>
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<tr>
<td>4:30 p.m.</td>
<td>Questions and Answer Session</td>
<td>Drs. Laura Detti, Giancarlo Mari and Mauro Schenone</td>
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<tr>
<td>4:45 p.m.</td>
<td>Adjourn</td>
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Saturday, October 29, 2016

7:30 a.m.  Registration and Breakfast
7:50 a.m.  Introduction

V. Topics in Perinatal Heart Analysis

8:00 a.m.  Fetal Ductal Constriction - Dr. James Huhta
8:30 a.m.  Le Bonheur Heart Institute - Dr. Jeffrey Towbin
9:00 a.m.  CV Score in Hydrops - Dr. James Huhta
9:30 a.m.  Congenital Heart Disease from a Pediatric Cardiac Surgery Perspective - Dr. Umar Boston
10:00 a.m. Question and Answer Session – Drs. Umar Boston, James Huhta, and Jeffrey Towbin
10:15 a.m. Break
10:30 a.m. Perinatal Diagnosis of Coarctation of the Aorta
Dr. James Huhta
11:00 a.m. Just Images: Cardiac and Non-cardiac
MFM Fellows: Drs. Anna Tobiasz, Jose Duncan and Fernand Samson
Moderator: Dr. Giancarlo Mari
11:30 a.m. Detection and Management of Fetal CHD
Drs. James Huhta
12:00 noon Question and Answer Session - Drs. James Huhta, Giancarlo Mari and MFM Fellows
12:15 p.m. Adjourn

Registration Fees
The registration fee is $195.00 for Physicians; $130.00 for Nurse Practitioners, Physician Assistants, and Sonographers; $100.00 for fellows, residents and students.

The registration fee includes course material, breakfast, lunch and breaks. Full refund will be given for cancellation notice in writing before October 10, 2016. Cancellations after that date will be assessed a fee. No refunds will be given after October 20, 2016. Methodist Le Bonheur Healthcare reserves the right to alter, reschedule, or cancel this program should circumstances so dictate.

Conference Site & Hotel Accommodations
Le Bonheur Children’s Hospital Faculty Office Building Conference Center,
51 N. Dunlap Street, Memphis, TN  38103
Free parking is available at the Faculty Office Building – enter the lot from Washington Avenue.

Memphis Attractions
Please visit www.memphistravel.com for a list of attractions and details.
Fourth Annual
Fetal & Neonatal Imaging:
Analyses Across a Life Border
October 28-29, 2016
Program Registration Form

Name: ________________________________________________________

☐ MD  ☐ DO  ☐ NP  ☐ PA  ☐ Sonographer  ☐ Student  ☐ Other: __________

Institutional Affiliation: __________________________________________

Address: _______________________________________________________

City, State, Zip: _________________________________________________

Phone: (      ) ______________________ Fax: (      ) _____________________

Specialty: ____________________ Email: ___________________________

Sonographers:   SDMS#: ________________  RDMS#: _________________

Birthdate (required for sonographer credit): _________________________

☐ $195.00 for Physicians and Non-Healthcare professionals
☐ $130.00 for Nurse Practitioners, Physician Assistants and Sonographers
☐ $100.00 for Fellows, Residents and Students

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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. 512 • Memphis, TN 38104
(901) 516-8933 • Fax: (901) 516-8811