Advances in Fetology 2016

FETAL DIAGNOSIS, INTERVENTION AND NEONATAL CARE

SEPTEMBER 22-23, 2016
Chicago Athletic Association Hotel | Chicago, IL
HOSTED BY CINCINNATI FETAL CENTER

www.cincinnatichildrens.org | 513-636-6259
Advances in Fetology 2016:
FETAL DIAGNOSIS, INTERVENTION AND NEONATAL CARE

Register online now at: www.cincinnatichildrens.org/cfcfetology2016

Cincinnati Fetal Center
Cincinnati Fetal Center is a unique collaboration among three leading medical institutions: Cincinnati Children’s Hospital Medical Center, Good Samaritan Hospital and University of Cincinnati Medical Center. Renowned fetal and maternal medicine specialists at the Cincinnati Fetal Center are committed to improving outcomes for high-risk pregnancies and enhancing the long-term quality of life for every patient treated.

Description
Advances in Fetology 2016, sponsored by the Cincinnati Fetal Center, will be held at the Chicago Athletic Association, 12 South Michigan Avenue, Chicago, IL 60603 on September 22 - 23, 2016. It is an educational event that is sure to meet the educational needs of many healthcare providers as they care for patients with pregnancies complicated by fetal anomalies.

We have regional, national and international experts scheduled to speak about fetal cardiac disease states, skeletal dysplasias, heterotaxy, neurologic anomalies, and congenital diaphragmatic hernia. We will discuss imaging (ultrasound, MRI and fetal echocardiography) and focus on new fetal interventions and neonatal care of children surviving with these disorders.

Audience
The course is ideal for obstetricians/gynecologists, maternal-fetal medicine specialists, neonatologists, pediatric neurologists, developmental pediatricians, genetic counselors, social workers, ultrasonographers, nurses and fetal center coordinators.

Meeting Venue
The Fetology conference will be held at the Chicago Athletic Association Hotel, 12 South Michigan Avenue, Chicago, IL 60603.

Accreditation
Cincinnati Children’s Hospital Medical Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Cincinnati Children’s designates this live activity for a maximum of 14.50 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Special Needs
Cincinnati Children’s will take those steps required to ensure that no individual with a disability is excluded or denied services because of the absence of auxiliary aids or services identified in the Americans with Disabilities Act. Please contact Anne Riestenberg at 513-636-6259 two weeks prior to your arrival with any requests.

Accommodations
A limited number of discounted guest rooms have been reserved at the Chicago Athletic Association Hotel (12 South Michigan Avenue, Chicago, IL 60603) for the this meeting. Room rates are $255/night plus tax. Room reservations must be made by September 1, 2015 at 5pm EST. You may reserve a room online or call the Chicago Athletic Association Hotel Chicago at 1-844-312-2221 and mention the Advances in Fetology Conference Room Block.

Parking
Valet parking is available to hotel guests. Rates are as follows:
- 0-4 hours with restaurant validation: $16
- 0-4 hours without restaurant validation: $26
- 4-8 hours: $36
- 8-24 hours: $67
- Overnight valet with in/out privileges: $67
- Overnight self-park with in/out privileges: $50
- Even rate (up to 8 hours): $30

Air Travel
The nearest airport to the conference location is Chicago O'Hare International Airport. You can find additional information, including ground transportation at their website www.flychicago.com. Also nearby is Chicago Midway International Airport.

FAQ
Q: How much is a taxi from the airport and how long should I expect it to take?
A: From O’Hare: A taxi to or from O’Hare runs $35-$55, depending on traffic, and can take anywhere from 35 minutes to 1.5 hours.
From Midway: A taxi to or from Midway is about $30-$45, depending on traffic, and can take anywhere from 30 minutes to 1 hour.

Q: How do I get to the hotel from the airports via public transit?
A: From O’Hare: Hop on the Blue Line train heading toward Forest Park and hop off at the Washington stop in the Chicago Loop. It’s easy and you’ll get to know Chicago a little more like a local. Back on street level, head east on Washington three blocks toward Millennium Park. You’ll pass under the “L” and then make a right on Michigan Avenue across from the park where you’ll see the beautiful steel and glass awning above the hotel entrance just past Madison Avenue. Welcome!
From Midway: Take the Orange Line train toward the Loop and get off at the Randolph/Wabash stop. Head one block east on Randolph and make a right on Michigan Avenue, across from Millennium Park. The hotel is just two blocks south on Michigan Avenue and you’ll see the beautiful steel and glass awning above the hotel entrance just past Madison Avenue. Come on in!

Q: Do you offer shuttle service to the hotel?
A: With so many ways to get around Chicagoland, the hotel does not maintain a hotel shuttle service and recommends a taxi, Chicago’s public transportation system or the Go Airport Express shuttle service.
SPEAKERS

Richard Brown, MBBS
Director, Advanced Obstetrics & Gynecology Fellowship
Cincinnati Children's Hospital Medical Center
University of Cincinnati College of Medicine

Maria Calvo, MD
Associate Professor of Pediatrics
Department of Radiology & Medical Imaging
Cincinnati Children's Hospital Medical Center
University of Cincinnati College of Medicine

Wendy Chung, MD, PhD
Herbert Irving Assistant Professor of Pediatrics and Medicine
Columbia University

Jane Corteville, MD
Assistant Professor of Reproductive Biology CWRU
Directing Instructor, MacDonald Imaging Fellowships

John Costello, MD, MPH
Medical Director of the Regenstein Cardiac Care Unit
Director, Inpatient Cardiology
Associate Professor of Pediatrics
Northwestern University Feinberg School of Medicine
Lurie Children's Hospital

Allison Divanovic, MD
Associate Professor of Pediatrics
The Heart Institute
Cincinnati Children's Hospital Medical Center
University of Cincinnati College of Medicine

James Greenberg, MD
Professor of Pediatrics
Director, Division of Neonatology
Perinatal Institute
Cincinnati Children's Hospital Medical Center
University of Cincinnati College of Medicine

Mounira Habib, MD
Associate Professor
MFM Specialist, Cincinnati Fetal Center
University of Cincinnati College of Medicine

Eunice Hahn, MD
Assistant Professor
Cardiology
Cincinnati Children's Hospital Medical Center
University of Cincinnati College of Medicine

Russel Hirsch, MD
Assistant Professor of Pediatrics
Director, Cardiac Catheterization Laboratory
Cincinnati Children's Hospital Medical Center
University of Cincinnati College of Medicine

Robert Hopkin, MD
Assistant Professor of Pediatrics
Division of Human Genetics
Cincinnati Children's Hospital Medical Center
University of Cincinnati College of Medicine

Ronald Jaekle, MD
MFM Co-Director, Cincinnati Fetal Center
Professor, UC Department of Obstetrics & Gynecology

Paul Kingma, MD, PhD
Neonatal Director, Cincinnati Fetal Center
Associate Professor of Pediatrics, Cincinnati Children's Hospital Medical Center
University of Cincinnati College of Medicine

Beth Kline-Fath, MD
Associate Professor of Pediatrics
Department of Radiology
Cincinnati Children's Hospital Medical Center
University of Cincinnati College of Medicine

Deborah Krakow, MD
Professor, Perinatology, Obstetrics & Gynecology
Department of Orthopaedic Surgery
UCLA Medical Center

Foong-Yen Lim, MD
Surgical Director, Cincinnati Fetal Center
Associate Professor of Surgery, Cincinnati Children's Hospital Medical Center
University of Cincinnati College of Medicine

Stephen R. Leuthner, MD, MA
Professor of Pediatrics
Medical College of Wisconsin
Director, Fetal Concerns Center
Children's Hospital of Wisconsin

Carl Merrow, MD
Associate Professor of Pediatrics
Division of Radiology
Cincinnati Children's Hospital Medical Center
University of Cincinnati College of Medicine

Jose Peiró, MD, PhD
Endoscopic Fetal Surgery
Director, Cincinnati Fetal Center
Associate Professor of Surgery, Cincinnati Children's Hospital Medical Center
University of Cincinnati College of Medicine

Xavier Pombar, MD
Associate Professor, Obstetrics & Gynecology
Cincinnati Children's Hospital Medical Center
University of Cincinnati College of Medicine

Daniela Prayer, MD
Associate Professor, Medical University of Vienna, Austria
Head of Department of Neuroradiology and Musculoskeletal Radiology

Lindsay Rogers, MD
Assistant Professor of Pediatrics
Division of Cardiology
Cincinnati Children's Hospital Medical Center
University of Cincinnati College of Medicine

Aimen F. Shaaban, MD
Director, Center for Fetal Cellular & Molecular Therapy
Cincinnati Children's Hospital Medical Center
University of Cincinnati College of Medicine

Sammy Tabbah, MD
Assistant Professor, Maternal Fetal Medicine
University of Cincinnati College of Medicine

James Tweddell, MD
Professor of Surgery
Institute Director, Division of Pediatric Cardiology
University of Cincinnati College of Medicine

Charulata Venkatesan, MD
Assistant Professor of Pediatrics
Department of Neurology
University of Cincinnati College of Medicine

Louise Wilkins-Haug, MD, PhD
Division Director Maternal Fetal Medicine and Reproductive Genetics
Surgical Director, Cincinnati Children's Hospital Medical Center
University of Cincinnati College of Medicine

Jason Woods, PhD
Professor of Pediatrics
Division of Pulmonary Medicine
Cincinnati Children's Hospital Medical Center
University of Cincinnati College of Medicine

Contact Information
Anne Riestenberg | 513-636-6259 | anne.riestenberg@cchmc.org
# Agenda

**Thursday, September 22, 2016**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:15-6:55</td>
<td>Registration/Exhibits/Breakfast</td>
</tr>
<tr>
<td>7:00-7:10</td>
<td>Welcome and Introduction of Speakers for the day</td>
</tr>
<tr>
<td>7:10-7:40</td>
<td>Heterotaxy, What is it and how does it happen?</td>
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<tr>
<td>8:00-8:20</td>
<td>MRI: Clinically Relevant Findings and Critical Associations</td>
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<tr>
<td>8:20-8:50</td>
<td>Heterotaxy and Cardiac Morphology: Demystifying Atrial Isomerism,</td>
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<td></td>
<td>Functional Aberrations and Nomenclature</td>
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<tr>
<td>8:50-9:20</td>
<td>Genetics of Cardiovascular Defects</td>
</tr>
<tr>
<td>9:20-9:30</td>
<td>Questions for Panel</td>
</tr>
<tr>
<td>9:30-9:50</td>
<td>Break/Exhibits &amp; Posters</td>
</tr>
<tr>
<td>9:55-10:25</td>
<td>Left Ventricular Hypoplasia: Updates in Prenatal Treatment</td>
</tr>
<tr>
<td>10:25-10:55</td>
<td>Surgical Therapy and Outcomes in Postnatal Life</td>
</tr>
<tr>
<td>10:55-11:25</td>
<td>Critical Care in Newborns with Congenital Heart Disease</td>
</tr>
<tr>
<td>11:25-11:35</td>
<td>Questions for Panel</td>
</tr>
<tr>
<td>11:35-12:25</td>
<td>Lunch/Exhibits &amp; Posters</td>
</tr>
</tbody>
</table>

**Skeletal Dysplasia**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>12:30-12:35</td>
<td>Introductions</td>
</tr>
<tr>
<td>12:35-1:05</td>
<td>Etiology of Skeletal Dysplasia and Genetic Implications for the Newborn</td>
</tr>
<tr>
<td>1:05-1:25</td>
<td>Ultrasound approach to Skeletal Dysplasia</td>
</tr>
</tbody>
</table>

**Friday, September 23, 2016**

**Congenital Diaphragmatic Hernia**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00-7:25</td>
<td>Registration/Exhibits/Continental Breakfast</td>
</tr>
<tr>
<td>7:30-7:35</td>
<td>Welcome and Introduction of Speakers for the day</td>
</tr>
<tr>
<td>7:35-8:00</td>
<td>Current Status of TOTAL Trial and Fetal Tracheal Occlusion (FETO)</td>
</tr>
<tr>
<td>8:00-8:20</td>
<td>Embryology &amp; Genetics of CDH</td>
</tr>
<tr>
<td>8:20-8:40</td>
<td>MRI imaging of the Fetus with CDH</td>
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<tr>
<td>8:40-9:00</td>
<td>Q &amp; A</td>
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<tr>
<td>9:00-9:10</td>
<td>Questions for Panel</td>
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<tr>
<td>9:10-9:30</td>
<td>Break/Exhibits &amp; Posters</td>
</tr>
<tr>
<td>9:35-9:55</td>
<td>Pharmacologic Strategies in Neonatal Care of CDH</td>
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<tr>
<td>9:55-10:15</td>
<td>MRI/ Neonatal Lung Imaging</td>
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<tr>
<td>10:15-10:35</td>
<td>Early Neonatal Care with Updates in Neonatology and Ventilator</td>
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<tr>
<td>10:35-10:55</td>
<td>Early Neonatal Care with Updates in Cardiac Care and Pulmonary</td>
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<tr>
<td>10:55-11:15</td>
<td>The CDH experience in Canadian Practice; Similarities and Differences</td>
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**Abnormalities of the Brain – Imaging, Counseling and Care**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>11:15-11:35</td>
<td>Update on DHREAMS</td>
</tr>
<tr>
<td>11:35-11:45</td>
<td>Questions for panel</td>
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<tr>
<td>11:45-12:45</td>
<td>Lunch/Exhibits &amp; Posters</td>
</tr>
<tr>
<td>12:50-1:20</td>
<td>Approach to Common CNS Malformations</td>
</tr>
<tr>
<td>1:20-1:40</td>
<td>CNS Ischemic Lesions including TTTS</td>
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<tr>
<td>1:40-2:10</td>
<td>MRI Innovations: Diffusion Imaging and Spectroscopy</td>
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<tr>
<td>2:10-2:30</td>
<td>Counseling Families concerning Anomalies with Uncertain Prognosis</td>
</tr>
<tr>
<td>2:30-2:50</td>
<td>Break/Exhibits &amp; Posters</td>
</tr>
<tr>
<td>2:55-3:35</td>
<td>Advances in the Care of Neonatal Seizures</td>
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<tr>
<td>3:15-3:35</td>
<td>Dysmorphology Evaluations and Associated Findings; Changing the</td>
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<tr>
<td></td>
<td>Counseling</td>
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<tr>
<td>3:35-3:45</td>
<td>Questions for Panel</td>
</tr>
<tr>
<td>3:45-4:00</td>
<td>Oral Presentation of Best Poster</td>
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**Closing Remarks**
DUE TO THE DESIGN OF THIS COURSE, SPACE IS LIMITED. WE ENCOURAGE YOU TO NOT SECURE ANY TRAVEL PLANS UNTIL YOUR REGISTRATION IS CONFIRMED.

<table>
<thead>
<tr>
<th>Full Registration</th>
<th>by 8/19</th>
<th>after 8/19</th>
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<tr>
<td>Practicing Physicians</td>
<td>$425</td>
<td>$475</td>
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<tr>
<td>Physicians in training, nurses and other clinical personnel</td>
<td>$350</td>
<td>$400</td>
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<tr>
<th>Day Rate (please indicate day attending)</th>
<th>Thursday</th>
<th>Friday</th>
<th>Thursday (after 8/19)</th>
<th>Friday after (8/19)</th>
</tr>
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<tbody>
<tr>
<td>Practicing Physicians</td>
<td>$275</td>
<td>$275</td>
<td>$300</td>
<td>$300</td>
</tr>
<tr>
<td>Physicians in training, nurses and other clinical personnel</td>
<td>$235</td>
<td>$235</td>
<td>$260</td>
<td>$260</td>
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Full Registration Group Rate (Five or more people from the same institution or division. Each registrant should complete a registration form. All registrants must be paid for on one check or credit card.)

Group Rate  $325

Fee includes conference syllabus, Thursday breakfast, lunch and dinner at Chicago Athletic Association Hotel per person, Friday breakfast, lunch, all breaks and social event Thursday evening at the Game Room at Chicago Athletic Association Hotel per registrant. Early registration is recommended, as attendance is limited. A $50 processing fee will be charged for cancellation up to 21 days before the beginning of the conference.

No refunds will be given after that time. Should the Cincinnati Fetal Center or Cincinnati Children’s Hospital Medical Center cancel this conference, registration fees will be reimbursed in full. However, the Cincinnati Fetal Center or Cincinnati Children’s is not responsible for any other costs incurred by the participant.

Please note: Credit card and electronic check payments will be processed online during registration. To pay by hard copy check, please register online as instructed above, complete the following form, and remit your form and check to the address below.

Name ________________________________________________________________

Telephone ____________________________________________________________

Email Address _________________________________________________________

Send check to:  Cincinnati Children’s Hospital Medical Center, Attn: Anne Riestenberg
3333 Burnet Avenue, MLC 11025, Cincinnati, OH 45229-3039
Fax 513-636-9665

Please visit: www.cincinnatichildrens.org/cfcfetology2016