Advances in Fetology 2017

HOW INNOVATION AND TECHNOLOGY ARE INFLUENCING DELIVERY OF FETAL CARE

OCTOBER 27–28, 2017

Sabin Hall | Liberty Township, OH

HOSTED BY CINCINNATI FETAL CENTER

www.cincinnatichildrens.org | 513-636-6259

Registration

On or Before 9/25/17
Practicing Physicians: $425
Phys in training, nurses & other clinical personnel: $350

After 9/25/17
Practicing Physicians: $475
Phys in training, nurses & other clinical personnel: $400

Friday October 27th Only
Practicing Physicians: $275
Phys in training, nurses & other clinical personnel: $235

Saturday October 28th Only
Practicing Physicians: $275
Phys in training, nurses & other clinical personnel: $235

Cancellations received on or before September 22, 2017, are fully refundable. After September 22, 2017 a $50 processing fee will be charged.

Meeting Venue

Sabin Hall
7539 Haskell Street
Liberty Township, OH 45069

Accommodations

AC Hotel Cincinnati at Liberty Center — Marriott
7505 Gibson St, Liberty Township, OH 45069
(513) 759-6500

Perfectly located near the Liberty Center, the AC Hotel Cincinnati North/West Chester provides the backdrop for a wonderful visit here in Ohio. Our spacious, modern rooms offer stylish design and boutique sophistication, as well as a range of amenities including free Wi-Fi, designed to make you feel at home. Start your morning here in Liberty Township with a workout at our on-site fitness center, or take a refreshing swim in our heated indoor pool. AC Kitchen, our hotel restaurant, showcases flavorful American dishes and is open for breakfast, lunch and dinner.

Parking

The Taylor Garage is located on the far west end of the property near the AC Marriott hotel on Taylor Street offering 574 parking spaces. From the garage, head toward “The Square” on Fountain View Drive and take the stairs next to Kona Grill (to the north) and proceed to the rooftop area and you will see Sabin Hall on the left.

Airport

The nearest airport to the conference location is the Cincinnati/Northern Kentucky International Airport (CVG; 20 min.). You can find additional information, including ground transportation at their website www.cvgairport.com. Also nearby is Dayton International Airport (1 hr) and Columbus International Airport (2 hrs).

Cincinnati Children's designates this live activity for a maximum of 10 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
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. 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. Residents and Fellows are encouraged to attend.

Friday, October 27, 2017

Registration/Exhibits/Opening Keynote Addresses

Open Fetal Surgery for Prenatal Repair of Fetal Meningomyelocele

Report out Key Findings—Nursing

Catered Breakfast

Neurologic Estimation of Fetal Motor Level in Spina Bifida by Ultrasound

Report out Key Findings—Genetics

Maternal Challenges in Fetal Surgery—Cerclage, progesterone and pessary

Ethics of Innovation and Research: Special considerations in fetal therapy centers

Closing Remarks

MRI Assessment of Lung Function, Reconstruction of Anatomic/Functional Airway Imaging

AGENDA

Friday, October 27, 2017

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<td>7–7:30 am</td>
<td>Catered Breakfast</td>
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<td>7:30–7:40 am</td>
<td>Opening Remarks</td>
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<tr>
<td>7:40–7:45 am</td>
<td>Current Strategies and Challenges in Management of GU Anomalies: Bilateral renal agenesis, functionally anephric newborns, oligohydramnios William Polzin, MD</td>
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<td>7:45–8:05 am</td>
<td>Open Fetal Surgery for Prenatal Repair of Fetal Meningomyelocele Mike Usnik, MD</td>
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<td>8:00–8:05 am</td>
<td>Minimal Invasive Surgery for Prenatal Repair of Fetal Meningomyelocele and Future Innovations Jose Perez, MD, PhD</td>
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<td>8:05–9:05 am</td>
<td>Prenatal Surgery for Fetal Meningomyelocele—Lessons learned since the MOWM Trial Gregory G. Heuer, MD, PhD</td>
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<td>9:05–9:20 am</td>
<td>Break</td>
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<tr>
<td>9:20–9:45 am</td>
<td>Neurologic: Estimation of Fetal Motor Level in Spina Bifida by Ultrasound Elena Carreras, MD, PhD</td>
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<td>9:45–10:05 am</td>
<td>Special Considerations in the Care of Children Following Prenatal Repair of Fetal Meningomyelocele Gregory G. Heuer, MD, PhD</td>
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Afternoon Sessions

11:55 am – 12:20 pm

Hands on technology in diagnosing spina bifida, TTTS, and CDH

1. Genetics: Current state of non-invasive prenatal testing in evaluation of fetal anomalies—adequate for surgery pre-op counseling available single gene screening; microscopy helpful in antenatal counseling; lab techniques, differences; Glucorelevance Nicki Smith, MS, CGC; Leandra Tolusso, MS, CGC; Sarah Walterman, MS, CGC

2. Nursing: Traige strategies; Evaluation for Surgery; Prenatal counseling; Bedside Care Optimization Laura Brevnna, RN, MSN; Kim Barta, RN, MN; Kristie Rasco, RN, MSN

Saturday, October 28, 2017

7:30–7:40 am | Catered Breakfast                                                      |
| 7:30–7:40 am | Opening Remarks                                                        |
| 7:40–7:45 am | Current Strategies and Challenges in Management of GU Anomalies: Bilateral renal agenesis, functionally anephric newborns, oligohydramnios William Polzin, MD |
| 7:45–8:05 am | Open Fetal Surgery for Prenatal Repair of Fetal Meningomyelocele Mike Usnik, MD |
| 8:00–8:05 am | Minimal Invasive Surgery for Prenatal Repair of Fetal Meningomyelocele and Future Innovations Jose Perez, MD, PhD |
| 8:05–9:05 am | Prenatal Surgery for Fetal Meningomyelocele—Lessons learned since the MOWM Trial Gregory G. Heuer, MD, PhD |
| 9:05–9:20 am | Break                                                                  |
| 9:20–9:45 am | Neurologic: Estimation of Fetal Motor Level in Spina Bifida by Ultrasound Elena Carreras, MD, PhD |
| 9:45–10:05 am | Special Considerations in the Care of Children Following Prenatal Repair of Fetal Meningomyelocele Gregory G. Heuer, MD, PhD |

Afternoon Sessions

12:30–12:50 pm | Adjunct Medical Therapy in Fetal Surgery Mesquite Hall, MD |
| 1:25–1:45 pm | MRI Assessment of Lung Function, Reconstruction of Anatomic/Functional Airway Imaging Paul Kingma, MD, PhD |
| 1:45–1:50 pm | Report out Key Findings—Genetics Nicki Smith, MS, CGC; Leandra Tolusso, MS, CGC; Sarah Walterman, MS, CGC |
| 1:50–2:10 pm | Report out Key Findings—Nursing Laura Brevnna, RN, MSN; Kim Barta, RN, MN; Kristie Rasco, RN, MSN |
| 2:10–2:25 pm | Maternal Challenges in Fetal Surgery—Care, postponement and proaasyy Mary Button, RN, MSN |
| 2:25–2:40 pm | Break                                                                  |
| 2:40–3:00 pm | Diagnosis and Care of fetus with CDH—Update on FETO Trial and early North American experience with balloon occlusion Scott Joon Kim, MD |
| 3:00–3:15 pm | Predictors of Donor and Recipient Outcome after Laser Surgery for TTTS Samynn Tahkab, MD |
| 3:15–3:40 pm | Hands on technology in diagnosing spina bifida, TTTS, and CDH

1. Genetics: Current state of non-invasive prenatal testing in evaluation of fetal anomalies—adequate for surgery pre-op counseling available single gene screening; microscopy helpful in antenatal counseling; lab techniques, differences; Glucorelevance Nicki Smith, MS, CGC; Leandra Tolusso, MS, CGC; Sarah Walterman, MS, CGC

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OVERVIEW

Advances in Fetology 2017, sponsored by the Cincinnati Fetal Center, will be held at Sabin Hall, north of downtown Cincinnati at Liberty Center. 7599 Haskell Street in West Chester, Ohio on October 27 & 28, 2017. The focus of this year’s conference will be on how technology is influencing the delivery of fetal care to the patient. Questions of access, expectations of consultations, and system support of rare disease episodes will be discussed.

We have regional, national and international experts scheduled to speak about access of patients, minimally invasive MMC repair and FETO, prenatal screening technologies, nursing care delivery in fetal therapy programs, and the impact of fetal intervention on the NICU. Updates in the more common diagnoses like CDH and TTTS will be given. We will demonstrate imaging strategies to help determine plan of care for patients with MMC and TTTS along with CDH treatment strategies from patient triage to evaluation for surgery to bed-side care optimization.

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. Residents and Fellows are encouraged to attend.