Advances in Fetal Therapy

Saturday, October 3, 2015

Barbara Peterson Ruhlman Conference Center at the University Hospitals Case Medical Center
Cleveland, Ohio

To register, visit: www.chop.edu/cme
The Center for Fetal Diagnosis and Treatment at The Children's Hospital of Philadelphia, in collaboration with University Hospitals MacDonald Women's Hospital and Rainbow Babies & Children's Hospital, is pleased to present this one-day multidisciplinary educational symposium for maternal-fetal medicine specialists, geneticists, obstetricians, pediatric surgeons, radiologists, neonatologists, genetic counselors, nurses and sonographers.

Through a series of didactic lectures and interactive case presentations, this symposium will review recent advances in maternal-fetal care with an emphasis on congenital anomalies amenable to fetal intervention. Lectures will address key concepts in prenatal counseling, fetal therapy, genetic testing, perinatal surveillance, surgical management and outcomes. The rationale, clinical indications and protocols for two novel research studies will be presented.

General Information

The symposium will be held at the Barbara Peterson Ruhlman Conference Center in Lerner Tower on the University Hospitals Case Medical Center campus located at 11100 Euclid Ave., Cleveland, Ohio 44106 (www.uhhospitals.org).

To register, email fetalsurgery@email.chop.edu or call 1-800-IN UTERO (1-800-468-8376).

Learning Objectives

At the conclusion of “Advances in Fetal Therapy,” the participant should be able to:

1. Discuss the rationale and current indications for fetal myelomeningocele (MMC) repair and recent outcomes at The Children's Hospital of Philadelphia
2. List the maternal and neonatal risks and benefits, research, and future implications associated with fetal therapy
3. Cite the rationale for and current state of neuroprotective strategies during fetal life for infants with congenital heart defects
4. Discuss the application of first and second trimester ultrasound in the detection of fetal anomalies
5. Review available testing and screening options available for genetic diagnosis in anomalous pregnancies, particularly the utility of noninvasive prenatal testing

ACCMCE Accreditation Statement

The Children's Hospital of Philadelphia (CHOP) is accredited by the Accreditation Council for Continuing Medical Education (ACCMCE) to provide continuing medical education for physicians.

AMA Credit Designation Statement

The Children's Hospital of Philadelphia designates this live activity for a maximum of 5.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclosure of Relevant Financial Relationship Statement

All symposium faculty, members of the organizing committee as well as anyone in a position to contribute or to control the content of this CME activity have completed a CHOP CME Disclosure of Relevant Financial Relationships Form and have disclosed that neither they nor their spouse nor partner have any relevant financial relationships or financial affiliations with commercial interests related directly or indirectly to this educational activity that would pose a conflict of interest.

Services for People with Disabilities

Please contact the Center for Fetal Diagnosis and Treatment at The Children's Hospital of Philadelphia if special arrangements are required for an individual with a disability to attend this symposium by calling 1-800-IN UTERO.

Program – Saturday, Oct. 3

7:30 a.m. Registration and Continental Breakfast
8 a.m. Welcome
Lori J. Howell, M.S., R.N.
Honor M. Wolfe, M.D.
8:10 a.m. Fetal Repair of Myelomeningocele: Trials and Tribulations
N. Scott Adzick, M.D., M.M.M.
10:15 a.m. Break
10:30 a.m. Genetic Testing in Prenatal Diagnosis: What to Use and When
Leslie Cohen, M.S., Ph.D.
11:15 a.m. Tracheal Occlusion for Congenital Diaphragmatic Hernia
Holly L. Hedrick, M.D.
Noon Development of a Fetal Neuroprotection and Neuroplasticity Program
J. William Gaynor, M.D.
12:45 p.m. Stump the Professor Cases and Lunch
Julie S. Moldenhauer, M.D.
Honor M. Wolfe, M.D.
1:45 p.m. Adjourn

Course Faculty

Unless otherwise noted, faculty is from The Children's Hospital of Philadelphia and the Perelman School of Medicine at the University of Pennsylvania.

Faculty

N. Scott Adzick, M.D., M.M.M.
Surgeon-in-Chief
Director, Center for Fetal Diagnosis and Treatment
C. Everett Koop Endowed Chair in Pediatric Surgery
Professor of Pediatrics, and Obstetrics and Gynecology
Leslie Cohen, M.S., Ph.D.
Licensed Genetic Counselor
University Hospitals MacDonald Women's Hospital
Clinical Instructor, Case Western Reserve University
School of Medicine
J. William Gaynor, M.D.
Director, Fetal Neuroprotection and Neuroplasticity Program
Daniel M. Tabas Endowed Chair in Pediatric Cardiomyopathic Surgery
Professor of Surgery

Holly L. Hedrick, M.D.
Director, Pulmonary Hypoplasia Program
Surgical Director, ECMO Program
Louis Schmanner Endowed Chair in Pediatric Surgery
Associate Professor of Surgery
Lori J. Howell, M.S., R.N.
Executive Director
Center for Fetal Diagnosis and Treatment
Marjorie C. Treadwell, M.D.
Director, Fetal Diagnostic Center
Professor, Obstetrics and Gynecology
University of Michigan Health System

Course Directors

Julie S. Moldenhauer, M.D.
Medical Director, Garbose Family Special Delivery Unit
Associate Professor of Clinical Obstetrics and Gynecology in Surgery
Honor M. Wolfe, M.D.
Mary D. Fergus Endowed Chair in Maternal and Fetal Medicine
Chief, Division of Maternal Fetal Medicine
Department of Obstetrics and Gynecology
University Hospitals MacDonald Women's Hospital
Professor, Department of Reproductive Biology
Case Western Reserve University School of Medicine

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