



Advances in Perinatal Genetic Diagnostics

19th Annual Regional Perinatal Summit
Friday, October 16, 2020
12:15 – 4:30 pm
Virtual Conference

SUMMIT PURPOSE

The purpose of the Annual Regional Perinatal Summit is to bring together clinical and public health leaders to review and discuss current perinatal issues, data, and ideas that can be addressed to improve pregnancy outcomes within the region.

SUMMIT DESCRIPTION

This year's Summit will explore noninvasive and invasive prenatal genetic testing and highlight emerging fetal therapies to improve cognitive outcomes in patients with Down syndrome. Participants will be better prepared to counsel patients about testing options and the results of common prenatal genetic tests.

TARGET AUDIENCE

The Annual Regional Perinatal Summit is designed for physicians, nurse practitioners, nurses, social workers, genetic counselors, and other perinatal health professionals providing services to pregnant women and their families.

Perinatal Outreach Program



Advances in Perinatal Genetic Diagnostics

Friday, October 16, 2020

Conference is being held virtually via Zoom

Sponsored by the Perinatal Institute

REGISTRATION

- **FREE** - Includes continuing education credits
- Online registration **REQUIRED**
- The **ZOOM** link will be sent to registrants the week of the conference
- Register at:
[2020 Perinatal Summit Registration](#)

For more information, contact:

Casi.Wright@cchmc.org

513-517-7142

OBJECTIVES

- Describe the development of Noninvasive Prenatal Testing (NIPT), how the testing works, and disorders that may be identified
- Identify the available options and indications for invasive prenatal genetic testing
- Discuss emerging fetal therapy for Down syndrome.
- Discuss pre and post-test counseling for common genetic tests and diagnoses
- Examine discussion points helpful in supporting families who may be facing a genetic diagnosis for their baby
- Explain the importance of sharing test results and family decisions with the care team

CONTINUING EDUCATION INFORMATION



In support of improving patient care, Cincinnati Children's Hospital Medical Center is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

CME: Cincinnati Children's designates this live format for a maximum of **3.75** AMA PRA Category 1 Credit(s)[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nursing: This activity is approved for a maximum **3.75** continuing nursing education (CNE) contact hours.

ABP MOC Part 2: Successful completion of this CME activity enables the participant to earn **3.75** MOC points in the American Board of Pediatrics' (ABP) Maintenance of Certification (MOC) program. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABP MOC credit.

Social Work: Cincinnati Children's Hospital Medical Center is an approved provider of licensed professional counselor continuing education by the State of Ohio Counselor, Social Worker, and Marriage and Family Therapist Board, provider number RSX069302. This symposium is approved for **1.00** clock hours. Social Work Program Area: Special Populations (Session Names: Counseling Families Facing a Genetic Diagnosis, Reflection & Cases)

IPCE: This activity was planned by and for the healthcare team, and learners will receive **3.75** Interprofessional Continuing Education (IPCE) credits for learning and change.

AGENDA

12:15 pm **Sign-in to Zoom and Text for Attendance**

12:30 pm **Welcome, Regional Statistics & Introductions**

Scott Wexelblatt, MD

Medical Director of Regional Newborn Services, Perinatal Institute
Associate Professor, University of Cincinnati Department of Pediatrics
Cincinnati Children's

Kristen Suhrie, MD

Neonatologist, Perinatal Institute
Assistant Professor, University of Cincinnati Department of Pediatrics
Cincinnati Children's

12:45 pm **Noninvasive Prenatal Testing (NIPT): Development, Current Uses, & Future Directions**

Britton Rink, MD, MS

Maternal Fetal Medicine and Clinical Genetics and Genomics
Mount Carmel Health Systems
Nationwide Children's Hospital
Columbus, Ohio

1:30 pm **Invasive Prenatal Genetic Testing: What are the Options and What Can You Find?**

Daniel Swarr, MD

Neonatologist & Geneticist, Perinatal Institute
Assistant Professor, University of Cincinnati Department of Pediatrics
Cincinnati Children's

2:15 pm **Break**

2:30 pm **Researching Prenatal Therapy to Improve Neurocognition in Fetuses with Down Syndrome**

Diana Bianchi, MD

Director, Eunice Kennedy Shriver National Institute of Child Health and Human Development
Chair, Prenatal Genomics and Therapy Section for the Medical Genetics Branch at NHGRI
National Institute of Health
Bethesda, Maryland

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AGENDA *continued*

3:30 pm **Counseling Families Facing a Genetic Diagnosis**

DonnaMaria Cortezzo, MD

Neonatologist, Perinatal Institute

Palliative Care & Pain Management Attending, Palliative Care

Assistant Professor, University of Cincinnati Department of Pediatrics

Cincinnati Children's

Leandra Tulusso, MS, LGC

Genetic Counselor, Division of Human Genetics

Cincinnati Children's

3:50 pm **Reflections and Cases**

Robert J. Hopkin, MD

Program Director, Medical Genetics Residency Programs, Division of Human Genetics

Associate Professor, University of Cincinnati Department of Pediatrics

Cincinnati Children's

Kara Beth Markham, MD

Maternal Fetal Medicine, University of Cincinnati and Cincinnati Children's Fetal Care Center

Associate Professor, University of Cincinnati Department of Obstetrics and Gynecology

University of Cincinnati Medical Center

Joined by: **DonnaMaria Cortezzo, MD, Kristen Suhrie, MD, Dan Swarr, MD & Leandra Tulusso, MS, LGC**

4:30 pm **Summit Wrap-Up & Conclusion**