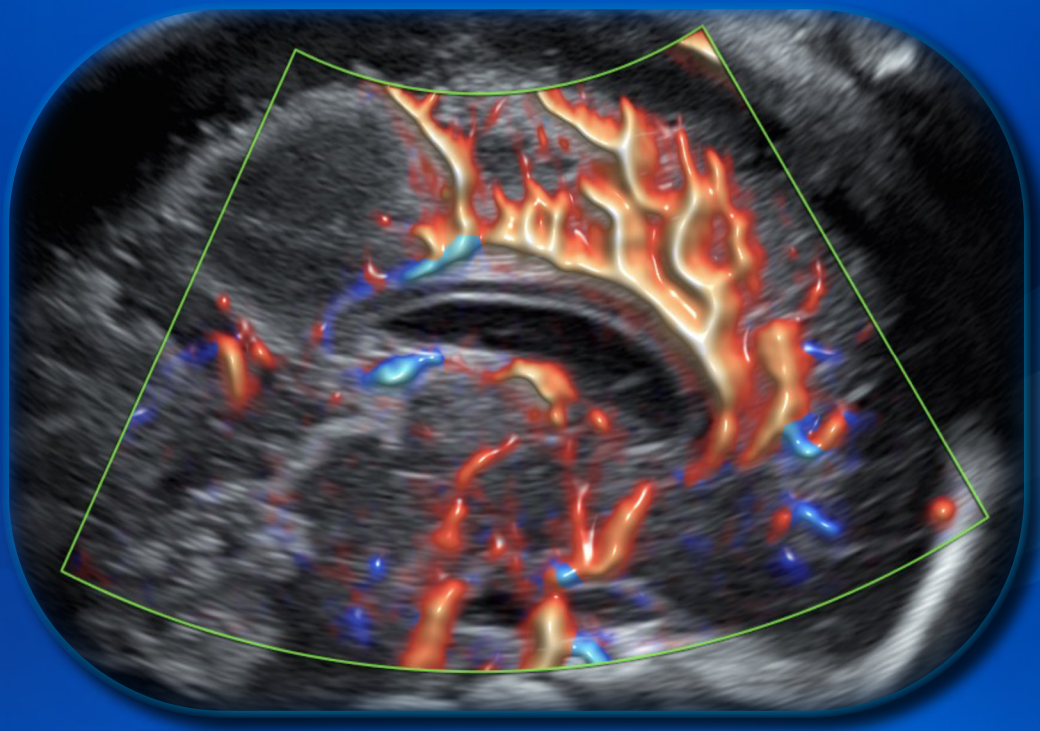
IV FUNDAMENTALS & UPDATES IN FETAL MEDICINE

FRIDAY, APRIL 9 & SATURDAY, APRIL 10, 2027

Conference in New York City

Jay Conference Center ▪ Bryant Park
109 W. 39th Street, Second Floor ▪ New York, NY



IPCE CREDIT™

This activity was planned by and for the healthcare team, and learners will receive *17.5 Interprofessional Continuing Education (IPCE) Credits* for learning and change.

REGISTER HERE



Course Director
Eran Bornstein, MD, FACOG, FAIUM
Director, Maternal-Fetal Medicine
Lenox Hill Hospital
Professor, OBGYN
Zucker School of Medicine
President, Fetal Medicine Foundation USA
New York, NY - USA



Course Director
Kypros Nicolaides, MD
Director and Founder
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Professor, Fetal Medicine
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London

Lenox Hill Hospital Northwell Health™

USA The Fetal Medicine Foundation
Founded by Prof. Kypros Nicolaides in 1995

Center for MFM & OBGYN Ultrasound
Lenox Hill Hospital, Northwell Health

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IV FUNDAMENTALS & UPDATES IN FETAL MEDICINE

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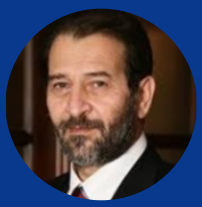
Jay Conference Center, 109 W 39th St, New York, NY



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Director and Founder
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Professor, Fetal Medicine
King's College
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Faculty



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Dean, Eastern Virginia Medical School
Norfolk, VA – USA
Past President SMFM & AIUM



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Consultant in Fetal Medicine
Honorary Senior Lecturer
King's College London



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OBGYN-in-Chief, Texas Children's Hospital
Fetal Medicine
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Roee Birnbaum, MD
Fetal Medicine Specialist
Tel Aviv Sourasky Medical Center
President
Israeli Society of Ultrasound
Tel Aviv – Israel



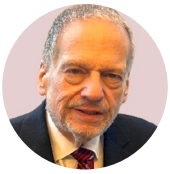
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Friday, April 9, 2027 & Saturday, April 10, 2027| 7:30AM –6:00 PM (EDT)
Jay Conference Center, 109 W 39th St, New York, NY

Program Agenda — Day 1

7:30 am **Registration / Exhibit Hall**

8:00 am **Welcome and Opening Remarks**
Eran Bornstein, MD
Kypros Nicolaides, MD
Northwell Leadership

SESSION I — THE FIRST TRIMESTER

8:15 am **Detection of Structural Malformations in the 1st Trimester: Potential & Pitfalls**
Eran Bornstein, MD, FACOG

8:45 am **FMF Certification and Quality Control: 1st Trimester Certification Guidelines**
Cathy Downing, RDMS

9:00 am **1st Trimester Screening for Aneuploidy & other Genetic Conditions in the Era of cfDNA**
Maria del Mar Gil Mira, MD

9:30 am **Inverting the Pyramid of Care: Current State of 1st Trimester Assessment**
Kypros Nicolaides, MD

10:00 am **PANEL DISCUSSION**

10:30 am **Break / Exhibit Hall**

SESSION II — FETAL CARDIOLOGY

10:45 am **Cardiac Screening in the 1st Trimester: Tricks of the Trade**
Alfred Abuhamad, MD

11:15 am **Typical Cues for Common & Rare Cardiac Anomalies**
Rabih Chaoui, MD

11:45 am **Conotruncal Anomalies — An Approach to Prenatal Diagnosis**
Alfred Abuhamad, MD

12:15 pm **Approach to the Evaluation of the Systemic Venous System**
Alfred Abuhamad, MD

12:45 pm **Lunch Break / Exhibit Hall**

1:50 pm **Live Scan: Assessment of the Normal Heart, Maximizing the Diagnostic Value**
Rabih Chaoui, MD

SESSION III — FETAL THERAPY

2:15 pm **Open Neural Tube Defect: What are the Repair Options and How Good are They?**
Michael Belfort, MD

2:45 pm **Twin Complications & Fetal Interventions: Interactive Session**
Yves Ville, MD

3:45 pm **Break / Exhibit Hall**

SESSION IV — FETAL THERAPY & AI IN PRENATAL DIAGNOSIS

4:00 pm **Innovations in Fetal Therapy**
Michael Belfort, MD

4:30 pm **Current & Future Clinical Applications of Automation and AI Algorithms for Fetal Imaging**
TBD

4:50 pm **Ethical Considerations When Counselling Patients in the Era of AI: An Evolving Challenge**
Frank Chervenak, MD

5:10 pm **AI in Fetal Imaging: Times, They Are Changing**
TBD

5:20 pm **The Future of Electronic Fetal Monitoring**
Mark Evans, MD

6:00 pm **Discussion & Adjourn**

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Friday, April 9, 2027 & Saturday, April 10, 2027| 7:30AM –6:00 PM (EDT)
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Program Agenda — Day 2

7:30 am **Registration / Exhibit Hall**

8:00 am **Opening Remarks**
Faculty

SESSION I — NEUROSONOGRAPHY

8:15am **Fetal Neurosonography: Overview of Technique & Breadth of Pathology**
Eran Bornstein, MD

8:45 am **Axial Plane, More Than Meets the Eye**
Roee Birnbaum, MD

9:05 am **The Coronal Plane: Time to Do It**
Rabih Chaoui, MD

9:25 am **Corpus Callosum & Midline Anomalies: A Neurosonographic Approach**
Roee Birnbaum, MD

9:55 am **Ventriculomegaly: Workup, Diagnosis & Management**
Anastasija Arechvo, MD

10:25 am **Break / Exhibit Hall**

SESSION II — NEUROSONOGRAPHY/ THE 3RD TRIMESTER

10:45 am **The Continuing Story of Sulcation: A Window into Malformations of Cortical Development Across Gestation**
Roee Birnbaum, MD

11:15 am **Devoted to Decreased Maternal Morbidity: Innovations in Risk Assessment at the 36-Week Scan**
Kypros Nicolaides, MD

11:45 am **Late & Unwanted Surprise: The Case for 3rd Trimester Fetal Anatomy**
Roee Birnbaum, MD

12:15 pm **FGR and the Fetal Brain**
Anastasija Arechvo, MD

12:45 pm **Lunch Break / Exhibit Hall**

SESSION III — GENETICS IN FETAL MEDICINE

1:45 pm **Prenatal Diagnosis in the Era of Gene Sequencing**
Ron Wapner, MD

2:10 pm **Current and Future Innovations in cfDNA**
TBD

2:40 pm **Carrier Screening, Let's Make Sense of the Different Options**
TBD

3:10 pm **Hype & Reality in New Genetic Testing**
Mark Evans, MD

3:40 pm **Break / Exhibit Hall**

SESSION IV — FETAL INFECTIONS AND MORE 1ST TRIMESTER

4:00 pm **Updates in Screening & Management of CMV infection: The French Experience**
Yves Ville, MD

4:30 pm **Obstetrical Considerations of Endometriosis and Adenomyosis**
Anthony Vintzileos, MD

5:00 pm **Fetal Infections Other Than CMV**
Yves Ville, MD

5:30 pm **Early Detection of Anal & Esophageal Anomalies Using Transvaginal Scan**
Roee Birnbaum, MD

6:00 pm **Discussion & Adjourn**
Eran Bornstein, MD

IV FUNDAMENTALS & UPDATES IN FETAL MEDICINE

Friday, April 9, 2027 & Saturday, April 10, 2027| 7:30AM –6:00 PM (EDT)
Jay Conference Center, 109 W 39th St, New York, NY

Statement of Need: This conference will gather international experts to discuss updates in perinatal medicine and provide a comprehensive, state of the art approach to prenatal diagnosis. Major innovations in perinatal medicine such as first trimester detection of fetal anomalies and screening for preeclampsia, detection of fetal anomalies during the 2nd and 3rd trimesters, genetic testing of the fetus, fetal neurosonography, and cardiology have taken place in the past decade. Much of this has not been adopted by all providers due to lack of expertise and training. This conference will attempt to bridge the knowledge gap on these high yield clinical advancements.

Program Objectives: All Northwell Health CME activities are intended to improve patient care, safety, and outcomes. At the conclusion of this conference participants should be able to:

APPLY current principles of advanced fetal imaging and screening to the evaluation of normal and abnormal fetal development.

INTERPRET ultrasound and genetic screening findings to support accurate prenatal diagnosis and counseling.

EVALUATE fetal anomalies and complications using contemporary diagnostic and management strategies specific for each one of the 3 trimesters.

DEVELOP individualized management plans for pregnancies complicated by fetal abnormalities, growth disorders, and other high-risk conditions.

INTEGRATE multidisciplinary approaches to fetal therapy, delivery planning, and postnatal care.

COUNSEL patients and families effectively regarding diagnostic findings, prognosis, treatment options, and shared decision-making.

RECOGNIZE the role of emerging technologies and evidence-based advances in fetal medicine.

Target Audience: This activity was planned by and for MFM and OBGYN physicians, MDs, Sonographers (RDMS), RNs, NPs and Residents. All other members of the health care team including PAs and fellows in the field of Maternal-Fetal Medicine, Neonatology and Obstetrics are welcome to attend.

JOINTLY ACCREDITED PROVIDER™ WITH COMMENDATION INTERPROFESSIONAL CONTINUING EDUCATION

Joint Accreditation Statement:
In support of improving patient care, Northwell Health is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Credit Designation Statements:

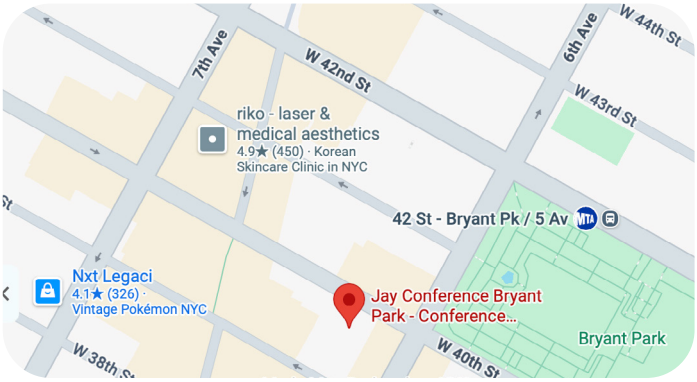
Physicians: Northwell Health designates this live activity for a maximum of *16.75 AMA PRA Category 1 Credits™*. Physicians should claim only credit commensurate with the extent of their participation in the activity.

Nurses: Northwell Health designates this activity for 16.75 ANCC contact hours.

Sonographers (RDMS): Northwell Health designates this activity for 16.75 AMA contact hours.

Verification of Attendance: Will be provided to all participating professionals.

Location: Jay Conference Center
Bryant Park
109 W 39th St, New York, NY



Course Offering and Registration Fees for Educational Purposes Only:

- ❑ $450 USD Physicians
- ❑ $400 USD Northwell Physicians
- ❑ $300 USD Sonographer/Advanced Practitioners (RN/NP/PA)
- ❑ $250 USD Northwell Sonographer/ Advanced Practitioners (RN/NP/PA)
- ❑ $250 USD Residents/Fellows with ID

Online— Virtual via Zoom

- ❑ $275 USD All Attendees
- ❑ $100 USD Underdeveloped Countries (Current Citizen and Resident)

*** EARLY BIRD REGISTRATION: $50 Discount [Before 1/20/27]**

In-Person Registration Fee Includes: Access to in-person conference, exhibit hall, meals, 60-day access to recordings—for educational purposes only.

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Virtual Registration Fee Includes: Access to online conference and 60-day access to recordings—for educational purposes only.

Disclosure Policy: Northwell Health adheres to the ACCME's Standards for Integrity and Independence in Accredited Continuing Education. Any individuals in a position to control the content of a CME-CE activity, including faculty, planners, reviewers, or others are required to disclose all financial relationships with ineligible companies. All relevant financial relationships have been mitigated prior to the commencement of the activity.

Cancellation Policy: To receive a refund, all cancellations must be confirmed in writing via email to **Julio Takemoto jtakemoto@flexstaff.org** at the Office of Continuing Medical Education **by Monday, March 1, 2027.** An administrative fee of $50 will be kept for all cancellations. No refunds will be made after this date or for "no shows"

Americans With Disabilities Act: This conference is in compliance with provisions of the Americans with Disabilities Act (ADA) and is accessible for individuals with special needs. If you would like to attend this conference and require special needs or accommodations, please contact **Linda Solimine, Maternal-Fetal Medicine & OBGYN Ultrasound LSolimine@northwell.edu**



GETTING TO NEW YORK

New York City is served by John F. Kennedy International (JFK), LaGuardia (LGA), and Newark Liberty International (EWR). The conference venue, Jay Conference – Bryant Park (109 W 39th St), is in Midtown Manhattan near Bryant Park, Times Square, Grand Central Terminal, and Penn Station. JFK and EWR have extensive international service; LGA primarily serves domestic and Canadian routes. Rail/transit, taxis, and app-based car services connect all three airports with Manhattan. Allow additional time during rush hours.

Official Transit Planning:

MTA – New York Public Transportation

VISA & ENTRY REQUIREMENTS

International attendees should verify U.S. entry requirements well before travel. Citizens or eligible nationals of Visa Waiver Program countries may be able to attend a scientific, educational, professional, or business conference for up to 90 days without a visa, but must have an approved ESTA and meet all Visa Waiver Program requirements. Travelers who are not eligible for the program generally require an appropriate U.S. visitor visa. Requirements depend on citizenship, passport, travel history, and individual circumstances.

OFFICIAL INFORMATION: U.S. Department of State – Visa Waiver Program | Official ESTA (U.S. Customs & Border Protection)

TIME ZONE

New York will be on Eastern Daylight Time (EDT, UTC−4) in April. International travelers may wish to arrive at least one day early to adjust to the time difference and allow for travel delays.

APRIL WEATHER IN NYC

April is early spring and weather can vary. Central Park climate normals are approximately 62°F (17°C) for the average daytime high and 46°F (8°C) for the average nighttime low. Rain and cooler days are possible. Layers, a light-to-medium jacket, comfortable walking shoes, and a compact umbrella are recommended. **WEATHER REFERENCE:** National Weather Service – New York climate information

CONFERENCE ATTIRE

Professional/business attire is appropriate in the conference venue; an additional layer can be useful in air-conditioned meeting rooms.

CURRENCY, PAYMENTS & ELECTRICITY

Currency is the U.S. dollar (USD). Credit and debit cards and contactless/mobile payments are widely accepted; carrying a modest amount of cash can still be useful for small purchases and tips. U.S. electricity is 120 V / 60 Hz and commonly uses Type A and Type B plugs. Visitors from countries using other plug types will need a plug adapter; some appliances may also require a voltage converter. Most modern phone and laptop chargers accept 100–240 V—check the label on your device before use.

EXPERIENCE NYC: CULTURE, BROADWAY & DINING

The Midtown/Bryant Park location offers easy access to Broadway and Times Square, the New York Public Library, Rockefeller Center, Fifth Avenue, the Museum of Modern Art, and many other cultural institutions. New York's dining scene is exceptionally diverse, ranging from neighborhood restaurants and international cuisines to celebrated fine dining. Popular Broadway performances and restaurants can book well in advance, so early reservations are recommended.



PLAN YOUR VISIT

NYC Tourism + Conventions – Official Visitor Guide | Broadway & Performing Arts | Museums & Galleries

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CONFERENCE PLANNING COMMITTEE

Eran Bornstein, MD, FACOG
Kypros Nicolaides, MD
Ashley Zimerman, MD
Julia Fine, RN
Marisa Gonzalez, RDMS

Conference Coordinated By

Northwell Health's Maternal Fetal Medicine and OB/GYN Ultrasound, Lenox Hill
Eran Bornstein, MD, FACOG, Director
Linda Solimine, Practice Manager

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