

# Breakthroughs in Perinatal and Neonatal Care

## AGENDA

**Registration and Breakfast** | 7:30 a.m.

*Prenatal Care in 2025*

**Opening and Housekeeping** | J. Antonio Quiros, MD | 8 a.m.

**Update on Prenatal Ultrasound Diagnostics** | Lauren Ferrara, MD | 8:05 a.m.

**Fetal Echocardiography AI Applications** | Marjorie Gayanilo, MD | 8:35 a.m.

**Talking to New and Expecting Parents as an "Artform"** | Marlyse Haward, MD | 8:55 a.m.

**Q&A Session** | Dr. Ferrara, Dr. Gayanilo, and Dr. Haward | 9:20 a.m.

*Taking Care of High-Risk Neonate*

**Epidemiology of Prematurity is Changing** | Christiana Farkouh-Karoleski, MD | 9:30 a.m.

**The Modern NICU** | Courtney Juliano, MD | 9:50 a.m.

**Tale of Two Developmental Care Teams** | Stephanie Bernard, MD, and Monika Reisenauer, DNP  
| 10:20 a.m.

**Q&A Session** | Dr. Farkouh-Karoleski, Dr. Juliano, Dr. Bernard, and Dr. Reisenauer | 10:45 a.m.

**Coffee Break** | 10:55 a.m.

*What's on the Horizon: 'The Future Becoming Reality'*

**Improving Risk Evaluation and Targeted Care in Early-Onset Neonatal Sepsis** | Tara Randis, MD  
| 11:10 a.m.

**New Developments in Fetal Surgery** | Shinjiro Hirose, MD | 11:40 a.m.

**Advances in Diagnosis and Management of Pediatric Metabolic Disorders** | Eva Morava, MD |  
12:10 p.m.

**Accurate Prediction of Neurologic Changes in the NICU Using AI** | Felix Richter, MD | 12:35 p.m.

**Q&A Session** | Dr. Randis, Dr. Hirose, Dr. Morava, and Dr. Richter | 1 p.m.

**Adjourn** | 1:10 p.m.



# Valley-Mount Sinai Children's Symposium

## Breakthroughs in Perinatal and Neonatal Care

### FACULTY

**Shinjiro Hirose, MD**

Chief, Division of Pediatric General Thoracic and Fetal Surgery  
Professor and Vice-Chair, Department of Surgery,  
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Faculty, Division of Newborn Medicine  
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