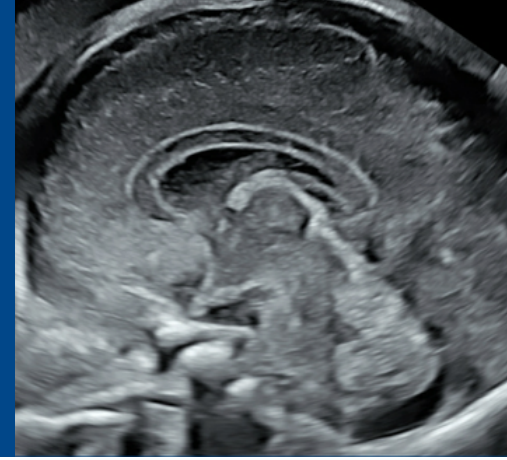


Fetal Neurosonography

Presented by the Department of Obstetrics and Gynecology
at Baylor College of Medicine and
Texas Children's Hospital

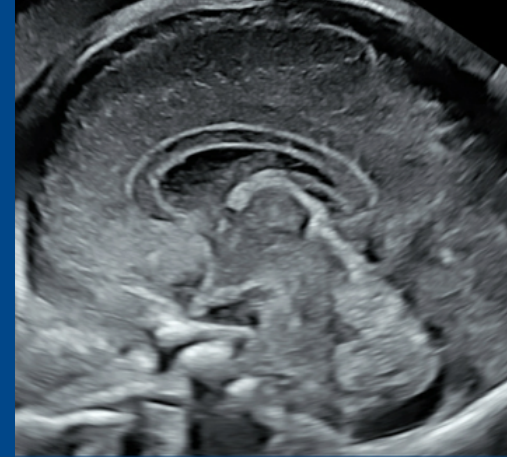


Friday, November 6 NRI Auditorium

TIME	SESSION	PRESENTER
12:00P	Welcome Introduction and Learning Objectives	Mar Gil, MD, PhD, MSc Magda Sanz Cortes, MD, PhD (MFM)
12:10P	Value of a Fetal Brain clinic/Neurosonography clinic in a Fetal Center of Excellence	Magda Sanz Cortes, MD, PhD (MFM) Steven M. Lazar, MD, MEd, FAAP (Ped Neurology)
12:20P	Management of ventriculomegaly postnatally. Perspective from neurosurgery, pediatric neurology and genetics	William E. Whitehead, MD, MPH (Ped Neurosurgery) Lisa T. Emrick, MD (Ped Neurology) Lauren Westerfield, MS, CGC (Genetics)
1:20P	Management of cortical abnormalities postnatally. Perspective from pediatric neurology and genetics	Lisa T. Emrick, MD (Ped Neurology) Lauren Westerfield, MS, CGC (Genetics)
1:50P	Q&A	
2:05P	Coffee Break	
2:30P	Management of posterior fossa abnormalities postnatally. Perspective from pediatric neurology and genetics	Steven M. Lazar, MD, MEd, FAAP (Ped Neurology) Alexandra McKeown (Genetics)
3:15P	Prognosis and counseling of fetus diagnosed with midline abnormalities. Perspective from pediatric neurology and genetics	Steven M. Lazar, MD, MEd, FAAP (Ped Neurology) Alexandra McKeown (Genetics)
4:00P	Q&A	
4:15P	NICU management of newborn with brain abnormalities	Jonathan L. Davies, MD (Neonatology)
4:30P	Value of comfort care/palliative care in NICU for the diagnoses of brain anomalies	Karen E. Johnson, MD (Neonatology)
4:45P	Q&A	
5:00P	Present of genetic in utero therapies and future directions	Ignatia B. Van den Veyver, MD (MFM/Genetics)
5:20P	Q&A and end of day remarks	

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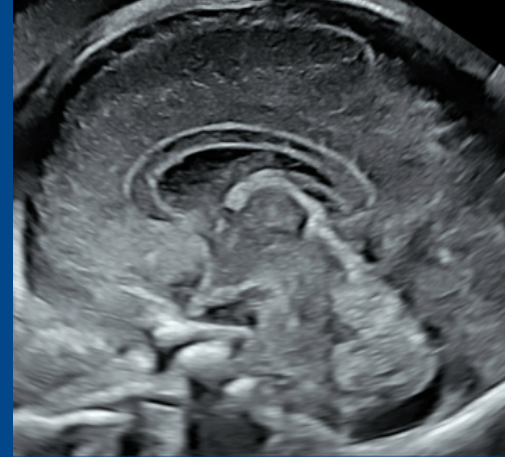


Saturday, November 7
Texas Children's Pavilion for Women - 4th Floor

TIME	SESSION	PRESENTER
8:30A	Principles of fetal neurosonography- Abdominal and transvaginal approaches	Magda Sanz Cortes, MD, PhD (MFM)
8:50A	LIVE SCAN	Ritsuko Pooh-Kimata, MD, PhD, MSc, MBA, LLB (MFM)
9:10A	First trimester detectable anomalies	Mar Gil, MD, PhD, MSc (MFM)
9:30A	Fetal ventriculomegaly: Lessons learned from Neurosonography	Anastasija Arechvo, MD, PhD, MSc (MFM)
9:50A	Posterior fossa anomalies I: Megacisterna Magna, Blake's pouch cyst and arachnoid cysts	Mar Gil, MD, PhD, MSc (MFM)
10:10A	Posterior fossa anomalies II: Joubert, RES, cerebellar hypoplasia	Ritsuko Pooh-Kimata, MD, PhD, MSc, MBA, LLB (MFM)
10:30A	Q&A	
10:45A	Practice hands on simulation OPUS systems I	
12:00P	Lunch	
12:45P	Midline abnormalities: Callosal anomalies	Anastasija Arechvo, MD, PhD, MSc (MFM)
1:05P	Midline abnormalities: SOD, holoprosencephaly, MDJD	Magda Sanz Cortes, MD, PhD (MFM)
1:30P	MRI findings and complementary value to NSG in posterior fossa and midline anomalies	Thierry A.G.M. Huisman, MD, PD, FICIS, FACR (Radiology)
2:00P	Q&A	
2:15P	Practice hands on simulation OPUS systems II	
3:30P	Coffee Break	
4:00P	Congenital infections that affect the fetal brain I: CMV, Toxoplasmosis	Roopali Donepudi, MD, MEd (MFM)
4:20P	Congenital infections that affect the fetal brain II: Rubella, Syphilis, Zika, VHS	Eran Bornstein, MD (MFM)
4:40P	Counseling on congenital infections from the pediatric infections disease specialist	Thierry A.G.M. Huisman, MD, PD, FICIS, FACR (Radiology)
5:00P	Q&A	

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Sunday, November 8
Texas Children's Pavilion for Women - 4th Floor

TIME	SESSION	PRESENTER
8:30A	Fetal microcephaly/macrocephaly	Ritsuko Pooh-Kimata, MD, PhD, MSc, MBA, LLB (MFM)
8:50A	Intracranial hemorrhage in the fetus	Mar Gil, MD, PhD, MSc (MFM)
9:10A	Hypoxic ischemic damage in the fetal brain	Anastasija Arechvo, MD, PhD, MSc (MFM)
9:30A	Fetal MRI for hypoxic ischemic and hemorrhagic damage	Stephen F. Kralik, MD (Neuroradiology)
9:50A	Q&A	
10:05A	Practice hands on simulation OPUS systems III	
11:00A	Break	
11:15A	Cortical abnormalities	Ritsuko Pooh-Kimata, MD, PhD, MSc, MBA, LLB (MFM)
11:40A	Intracranial cysts	Eran Bornstein, MD (MFM)
12:00P	Fetal MRI for cortical abnormalities and intracranial cysts	Nilesh K. Desai, MD (Neuroradiology)
12:20P	Q&A	
12:30P	Closing Remarks	