

Scientific Forums

Wednesday, February 13, 3:00 – 5:30 PM

Contents

The SMFM Thrive Project (Burnout & Wellness)	2
Critical Care	2
Diabetes in Pregnancy: Reducing Disparities and Optimizing Care During Pregnancy and Beyond	2
Fetal Cardiology	3
Genetics	3
Global Health	3
Hypertension (Subtyping Preeclampsia: Beyond Severity and Gestational Age)	4
Infection and Inflammation in Pregnancy.....	4
Labor & Delivery.....	4
Maternal-Fetal Surgery (Fetal Therapy).....	5
Obesity in Pregnancy (What Are Our Options Today?)	5
Obstetric Quality & Safety	5
Perinatal Epidemiology	6
Perinatal Mental Health.....	6
Placenta Accreta	7
Pregnancy as a Window to Future Health	7
Preterm Labor (Future Frontiers in Preterm Birth Prediction and Prevention)	7
Toxicology and Substance Abuse in Pregnancy	8
Ultrasound (Chest “Masses”: The Common and the Uncommon).....	8

The SMFM Thrive Project (Burnout & Wellness)

Forum Leader: Heather S. Lipkind, MD, MS

Time of Presentation	Title of Presentation	Speaker
3:00-3:10 pm	Introduction and work over the past year	Heather S. Lipkind, MD, MS
3:10-3:30 pm	Physician burnout among members of the Society for Maternal-Fetal Medicine	Anthony Sciscione, DO and Francine Hughes, MD
3:30-4:00 pm	Getting back up, learning how to thrive from failure	Christian Pettker, MD and Heather S. Lipkind, MD
4:00-4:30 pm	Physician wellbeing through workplace efficiency for all types of practices	Dena Goffman, MD
4:30-5:00 pm	Personal financial freedom through goal planning	Christopher Robinson, MD, MSCR
5:00-5:30 pm	Q and A; Brainstorming future goals/research	All

Critical Care

Forum Leader: Julie Scott, MD

Time of Presentation	Title of Presentation	Speaker
3:00-3:20 pm	To clot or not to clot	Michelle Wyatt, MD
3:20-3:40 pm	HELLP!...or is it?	Audrey Ann Labrecque, MD
3:40-4:00 pm	Pregnancy firestorm and catastrophies	Kfier Kuba, MD
4:00-4:20 pm	The case of the house fire	Chibuzor Iwelu, MD
4:20-4:40 pm	A Chevrolet for the heart	Jill Westcott, MD
4:40-5:00 pm	Making choices: Doctors, patients, and family	Elizabeth Garchar, MD and Trevor Quiner, MD
5:00-5:15 pm	A tangled web: A disease to deceive	CeCe Cheng, MD
5:15-5:30 pm	Don't judge a book by its cover	Farrah Hussain, MD

Diabetes in Pregnancy: Reducing Disparities and Optimizing Care During Pregnancy and Beyond

Forum Leader: Lynn Yee, MD, MPH

Time of Presentation	Title of Presentation	Speaker
3:00-3:10 pm	Welcome and introduction	Lynn Yee, MD, MPH
3:10-3:40 pm	The landscape of disparities in diabetes	Aviva Lee-Parritz, MD
3:40-4:10 pm	Individualizing care for women with GDM	Maisa Feghali, MD
4:10-4:40 pm	Interconception care for women with diabetes	Annie Dude, MD, PhD
4:40-5:10 pm	Patient navigation as a novel approach to engaging women with diabetes	Lynn Yee, MD, MPH
5:10-5:30 pm	Future direction, questions, and discussion	Panel

Fetal Cardiology

Forum Leader: Gregory R. DeVore, MD

Time of Presentation	Title of Presentation	Speaker
3:00-3:45 pm	Speckle tracking analysis of the fetal heart: A new technology for assessment of ventricular size, shape, and contractility in high-risk fetuses	Gregory R. DeVore, MD
3:45-4:30 pm	Optical simulation of the fetal heart: New findings	Lami Yeo, MD
4:30-5:15 pm	Simulation to learn fetal echocardiography: The normal and abnormal heart (A hands-on experience)	Roberto Romero, MD, DMedSci
5:15-5:30 pm	Q and A	

Genetics

Forum Leader: Teresa Sparks, MD

Time of Presentation	Title of Presentation	Speaker
3:00-3:50 pm	Difficult cases and unknown diagnoses	Barbara O'Brien, MD
4:00-4:25 pm	Cell free diagnosis of single gene disorders	Kathryn Gray, MD, PhD
4:30-4:55 pm	Practicalities of prenatal whole exome sequencing	Neeta Vora, MD
5:00-5:25 pm	New and ongoing research in MFM/Genetics	Teresa Sparks, MD

Global Health

Forum Leader: Homa Ahmadzia, MD, MPH and Marcela Smid, MD

Time of Presentation	Title of Presentation	Speaker
3:10-3:50 pm	WOMAN Trial: Challenges and solutions to conducting an international RCT	Ian Roberts, MD
3:50-4:30 pm	Building a global women's health division: Experiences from the trenches	Jeff Stringer, MD
4:30-5:10 pm	Global Network NICHD updates	Elizabeth McClure, PhD

Hypertension (Subtyping Preeclampsia: Beyond Severity and Gestational Age)

Forum Leader: Mark Santillan, MD, PhD

Time of Presentation	Title of Presentation	Speaker
3:00-3:50 pm	Circulating early pregnancy microparticles as a means to phenotype preeclampsia	Thomas McElrath, MD, PhD
3:50-4:40 pm	Molecular and histological subtyping of the placenta in preeclampsia	Brian Cox, PhD
4:40-5:30 pm	Should maternal hemodynamics guide antihypertensive therapy in preeclampsia?	Kelsey McLaughlin, PhD

Infection and Inflammation in Pregnancy

Forum Leader: Martha Rac, MD

Time of Presentation	Title of Presentation	Speaker
3:00-3:45 pm	Emerging infections in obstetrics	Dana Meaney-Delman, MD, MPH
3:45-4:30 pm	Sepsis: Sepsis in obstetrics score	Brenna Hughes, MD, MSc
4:30-5:00 pm	Discussion	Martha Rac, MD

Labor & Delivery

Forum Leader: Vincenzo Berghella, MD

Time of Presentation	Title of Presentation	Speaker
3:00-3:10 pm	Welcome and Introductions	Vincenzo Berghella, MD
3:10-3:30 pm	Clinical implications of the ARRIVE trial	William Grobman, MD, MBA
3:30-3:50 pm	Best induction methods	Corina Schoen, MD
3:50-4:10 pm	Fetal monitoring: What works	Alison Cahill, MD, MSCI
4:10-4:30 pm	First stage of labor: Newest evidence	Gabriele Saccone, MD
4:30-4:50 pm	Second stage of labor: What is too long?	Alexis Gimovsky, MD
4:50-5:10 pm	Newest best techniques for a safe cesarean delivery	Vincenzo Berghella, MD
5:10-5:30 pm	Q and A	

Maternal-Fetal Surgery (Fetal Therapy)

Forum Leader: Stephen P. Emery, MD

Time of Presentation	Title of Presentation	Speaker
3:00-3:30 pm	Renal Agenesis Fetal Therapy (RAFT) Trial	Eric Jelin, MD
3:30-4:00 pm	Minimally-invasive management of fetal lung masses	Greg Ryan, MD
4:00-4:30 pm	Microcoil embolization for giant placental chorangioma	Stephen Emery, MD
4:30-5:00 pm	In utero stem cell transplantation for alpha thalassemia major	Tippi MacKenzie, MD
5:00-5:30 pm	Q and A	All

Obesity in Pregnancy (What Are Our Options Today?)

Forum Leader: Patrick Catalano, MD

Time of Presentation	Title of Presentation	Speaker
3:00-3:45 pm	“Eating for Two”: Diet and nutrition for pregnant women with obesity	Cara Dolin, MD, MPH
3:45-4:30 pm	PREPARE: A randomized trial to evaluate how a prepregnancy behavioral weight-loss intervention impacts pregnancy outcomes in women who are overweight or have obesity	Erin S. LeBlanc, MD, MPH
4:30-5:00 pm	Bariatric surgery prior to pregnancy: Do the benefits outweigh the risks?	Fenice Feig, MD, MSc, FRCPC
5:00-5:30 pm	Variations in Resting Metabolic Rate (RMR) during pregnancy: Effects on gestational weight gain	Patrick Catalano, MD

Obstetric Quality & Safety

Forum Leader: Amy C Hermes, MD, PhD

Time of Presentation	Title of Presentation	Speaker
3:00-3:30 pm	Debate: Research versus Quality	Dwight Rouse, MD, MSPH and Amy Hermes, MD, PhD
3:30-3:40 pm	Discussion	
3:40-4:10 pm	Induction of labor: Quality improvement considerations	Elliott K. Main, MD
4:10-4:20 pm	Discussion	

4:20-4:50 pm	Incorporating and tracking health care disparities in quality improvement	Allison Bryant, MD, MPH
4:50-5:00 pm	Discussion	
5:00-5:20 pm	Change management strategies for labor and delivery units	Amy C. Hermes, MD, PhD
5:20-5:30 pm	Discussion	

Perinatal Epidemiology

Forum Leader: Jacob Larkin, MD and Edward Springel, MD

Time of Presentation	Title of Presentation	Speaker
3:00-3:30 pm	Challenges and methodological pitfalls in examining stillbirth and fetal growth restriction	Rachel Pilliod, MD
3:30-4:00 pm	Lessons from the stillbirth collaborative research network	Donald Dudley, MD
4:00-4:30 pm	Late pregnancy screening for fetal growth restriction to prevent stillbirth	Gordon Smith, MD, PhD, DSc, ChB

Perinatal Mental Health

Forum Leader: Emily S. Miller, MD, MPH and M. Camille Hoffman, MD, MSCS

Time of Presentation	Title of Presentation	Speaker
3:00-3:10 pm	Introductions, election of new forum leadership process	Emily S Miller, MD, MPH
3:10-3:40 pm	Psychiatric emergencies in pregnancy	M. Camille Hoffman, MD, MSCS
3:40-4:20 pm	The role of the MFM in management of bipolar disorder in pregnancy	Crystal Clark, MD, MSc
4:20-5:00 pm	On the horizon: Allopregnanolone, a novel medication for the treatment of postpartum depression	TBD
5:00-5:30 pm	Questions and conclusions	Emily S Miller, MD MPH and M. Camille Hoffman, MD, MSCS

Placenta Accreta

Forum Leader: Alireza A. Shamshirsaz, MD, FACOG and Daniela Carusi, MD, MSc

Time of Presentation	Title of Presentation	Speaker
3:00-3:20 pm	The role of MRI for diagnosis	Brett Einerson, MD, MPH
3:20-3:40 pm	What is new in accreta research?	Deirdre Lyell, MD
3:40-4:00 pm	Use of REBOA in accreta and the database	Karin A. Fox, MD, MEd
4:00-4:20 pm	Placenta accreta and uterine factor infertility	Daniela Carusi, MD, MSc
4:20-4:40 pm	Update on Abnormally Invasive Placenta Consortium: Twin accreta	Alireza A. Shamshirsaz, MD, FACOG
4:40-5:00 pm	Discussion	All

Pregnancy as a Window to Future Health

Forum Leader: Nicole Marshall, MD and Elizabeth Langen MD

Time of Presentation	Title of Presentation	Speaker
3:00-3:05 pm	Welcome and introduction	
3:05-3:50 pm	Metabolic heterogeneity in pregnancy: Normal, obesity, and GDM implications for future therapeutic strategies	Teri Hernandez, PhD, RN
3:50-4:35 pm	Opioid prescribing after delivery: Implications for women's health	Sarah Osmundson, MD, MS
4:35-5:15 pm	Debate: Maternalist or Fetalist – Future health implications and research gaps	Elizabeth Langen, MD and Nicole Marshall, MD
5:15-5:30 pm	Future directions, elections	

Preterm Labor (Future Frontiers in Preterm Birth Prediction and Prevention)

Forum Leader: Sonia S. Hassan, MD

Time of Presentation	Title of Presentation	Speaker
3:00-3:10 pm	Introduction	Sonia S. Hassan, MD
3:10-3:40 pm	Single cell transcriptomics to identify placental biomarkers for preterm labor	Roberto Romero, MD, DMed.Sci
3:40-3:50 pm	Q and A	
3:50-4:20 pm	Using cell-free RNA to predict gestational age and preterm delivery	Joan Camunas, PhD
4:20-4:30 pm	Q and A	
4:30-5:00 pm	Preventing preterm birth: New approaches to labor therapeutics using nanoparticles	Roger Smith, MBBS, Hons., PhD, FRACP, FRANZCOG, FSRB
5:00-5:10 pm	Q and A	
5:10-5:30 pm	Panel discussion	All speakers

Toxicology and Substance Abuse in Pregnancy

Forum Leader: Agatha Critchfield, MD

Time of Presentation	Title of Presentation	Speaker
3:00-3:10 pm	Introductions	Agatha Critchfield, MD
3:10-3:50 pm	Infectious complications in the SUD patient population	Brenna Hughes, MD, MSc
3:50-4:30 pm	Labor and delivery management for the OUD patient	Marjorie C. Meyer, MD
4:30-5:10 pm	Cannabis in pregnancy	Torri Metz, MD
5:10-5:30 pm	Q and A, Closing	

Ultrasound (Chest “Masses”: The Common and the Uncommon)

Forum Leader: Sarah G. Običan, MD

Time of Presentation	Title of Presentation	Speaker
3:00-3:10 pm	Introduction of topic and speakers	Sarah G. Običan, MD
3:10-3:40 pm	CPAM: Congenital Pulmonary Airway Malformation	Sarah G. Običan, MD
3:40-4:10 pm	BPS: Bronchopulmonary Sequestration	Joan Mastrobattista, MD
4:10-4:40 pm	CDH and eventeration	Chia – Ling Nhan Chang, MD
4:40-5:10 pm	Other chest masses/differential: Lymphangioma, thymoma, pericardial mass	Julia Solomon, MD
5:10-5:30 pm	Q and A	Panel