

ADVANCES IN FETOLOGY 2019:

Complex issues for common conditions...trisomies, TTTS, MMC & renal

*Sabin Hall @ Liberty Center
Sept. 6-7, 2019*

Friday, September 6, 2019

7:00-7:45a **Registration/Exhibits/Breakfast**

7:45a **Opening/Welcome Addresses – Foong-Yen Lim, MD**

Session #1 “Back to Not-So-Basics: Prenatal Counseling for Trisomy 13 and 18”

Update on pre- and postnatal natural history and survival
Daniel Swarr, MD

Update on emerging therapies
Russel Hirsch, MD

DISCUSSION (small groups) When counseling patients in the prenatal period, what things are we doing well and what can we improve?

- Charts and markers for group to take notes
- Facilitator at each group to send notes to Poll Everywhere or other software that can be shown live on screen

Family experience

Break

Support group experience

- Marty McCaffrey, MD –UNC

DISCUSSION (small groups) Family-centered counseling: How to optimize understanding and facilitate decision making

Importance of a birth plan and how to develop one

- Mark Meyer, MD

Lunch & breakout discussions/workshop

Meggan Graham & Meredith Pastrick -

Pregnancy and delivery considerations for families expecting a child with Trisomy 13/18

Sammy Tabbah, MD

DISCUSSION (small groups) Impact of current and proposed termination legislation on providers and patients

DISCUSSION (small groups) Large group open forum

Break, refreshments:

Session #2 RENAL

Brian Vanderbrink, MD - Urologic Concerns in Prenatal Repaired Myelomeningocele Pediatric Patient

Timothy M. Crombleholme, MD - Fetal interventions for BOO and in utero renal failure

Rodrigo Ruano, MD, PHD – LUTO

Stefanie Riddle, MD – NICU perspective renal patient, pulmonary hypoplasia

Break, refreshments

Donna Claes, MD - Changing the outcome together: CCHMC's approach to providing care to infants diagnosed in-utero with severe renal anomalies

Beth Rymeski, DO & Maria Calvo, MD - BOO as it relates to cloaca

Pramod Reddy, MD - Management of patients with BOO especially those with chronic renal insufficiency and eventually renal transplantation

PANEL DISCUSSION – Debates

6:00-9:00 *Social event at the Sabin Hall @ Liberty Center*

Saturday, September 7, 2019

7:00-7:30 **Registration/Exhibits/Breakfast**

Morning Sessions

7:30-7:40 **Opening Remarks-**

Session #1 MMC

Beth Kline-Fath, MD – Accuracy prenatal vs postnatal level; Chiari; heterotopia functional level pre-post changes after fetoscopic & open

Jena Miller, MD - Carbon dioxide amniodistention on Maternal and fetal health during fetoscopic MMC repair

Chuck Stevenson – Postnatal vs prenatal repair

Jose Peiro -Minimally invasive surgery for prenatal spina bifida repair

Jason Woodward, MD - Challenges in the management of patients with spina bifida,

James Cnota, MD - Cardiac assessment during prenatal MMC repair (open fetal MMC repair versus fetoscopic repair)

Marc Oria, PHD – Second hit in spina bifida

Timothy M. Crombleholme, MD - Prenatal MMC Repair – expanding the selection (inclusion and exclusion) criteria; considerations for new approaches

Usha Nagaraj, MD - Pre and Postnatal Imaging in Open Spinal Dysraphisms: Updates and Challenges

Mounira Habli, MD - Variations in obstetric, fetal and maternal management in open vs fetoscopic MMC repair

BREAK

William Goodnight, MD – Reproductive outcomes after prenatal open MMC repair

PANEL DISCUSSION/DEBATE – Debates

Session #2 - Complex Twins

Armand Antommaria, MD - Prenatal Interventions: Ethical Considerations for Life-Threatening versus Non-Life-Threatening Fetal Anomalies

Beth Kline-Fath, MD - Double trouble: imaging of complex monochorionic twin pregnancies

Jena Miller, MD - Twins: 50 Shades of Grey, Square Pegs and Round Holes: What to Do When Things Don't Conform

Asma Khalil, MD - Discordance in twins: Benign or ominous sign? (within this presentation, discuss assessment of fetal growth in twins

2) TAPS: new diagnostic criteria

12:00-1:30 Catered Lunch with Debates

Timothy M. Crombleholme, MD – Unique cases, pearls and trade secrets from The Grandmaster!

Jagroop “Rupi” Parikh, MD – Anesthesia for Fetal Intervention

Break

Allison Divanovic, MD - Fetal cardiac findings of complex twins (TTTS, TRAP, TAPS, interesting cases), pre- and post-intervention changes

Paul Kingma, MD, PhD - Impact of fetal intervention on NICU

PANEL DISCUSSION/DEBATE

5:00pm **Closing Remarks**