# Advances in Fetology 2019

COMPLEX ISSUES FOR COMMON CONDITIONS... TRISOMIES, TTTS, MMC & RENAL



**SEPTEMBER 6-7, 2019** 

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### **AGENDA**

#### Friday, September 6, 2019 | Sabin Hall @ Liberty Center

Passion #1: Back to Not-So-Basics: Prenatal Counseling for Trisomy 13 and 18 8-8-30 am Update on emerging therapies Russel Firsch, MD 9-9-30 am Update on emerging therapies Russel Firsch, MD 9-9-30 am DisCussion (small groups) When counseling patients in the prenatal period, what things are we doing well and what can we improve? 93-0-10 am Family experience Evide Smith 10-15-10-45 am Support group experience Marty McCuffrey, MD 10-45-11-15 am DisCussion (small groups) Family-centered counseling: How to optimize understanding and facilitate decision making 11:5-11-45 am Importance of a birth plan and how to develop one itid 11:45 am 1 pm Session #1: Update to cell-free DNA screening Meredith Pastrick from Natera Session #2: Bereavement Issues in Itie-Limiting Prenatal Diagnoses Reth Rauer, MSW, LSW, CT 1-12:30 pm Pregnancy and delivery considerations for families expecting a child with Trisomy 13/18 Sammy Tabbah, MD 13:0-2 pm DisCussion (small groups) Impact of current and proposed termination legislation on providers and patients 2 pm Break 2:10-2-30 pm Ethical Issues in the Surgical Treatment of Individuals with Trisomies: Looking Back Over 50 Years and to the Future Armand Antonnaria, MD, PAD  Session #2: MMC 2:35-2:55 pm Pre and Postnatal Imaging In Open Spinal Dysraphisms: Updates and Challenges Usha Nagardi, MD 2:55-3:15 pm Second hit in spina bilida Marc Oria, PhD 3:35-3:55 pm Urologic Concerns in Prenatally Repaired Myelomeningocele Pediatric Patient. Brian Vanderbrink, MD 4:55-3:15 pm Reproductive outcomes after prenatal open MMC repair William Goodnight, MD 4:55-3:15 pm Postnatal Wyelomeningocele Pediatric Patient. Brian Vanderbrink, MD 4:55-5:15 pm Postnatal (Speair — expanding the selection (inclusion and exclusion) criteria; considerations for new approaches Timothy M. Crombiblicalines, MD 4:55-5:15 pm Social event at the Sabin Hall @ Liberty Center	7 am	Registration/Exhibits/Breakfast	
8-8-30 am Update on pre- and postnatal natural history and survival Daniel Swarr, MD 8-30-9 am Update on emerging therapies Russel Hirsch, MD 9-9:30 am DISCUSSION (small groups) When counseling patients in the prenatal period, what things are we doing well and what can we improve? 9-30-10 am Family experience Ewie Smith 10 am Break 10:15-10:45 am Support group experience Marty McCaffrey, MD 10:45-11:15 am DISCUSSION (small groups) Family-centered counseling: How to optimize understanding and facilitate decision making 11:15-11:45 am Importance of a birth plan and how to develop one that Lunch & breakout discussions/workshop Session #1: Update to cell-free DNA screening Meredith Pastrick from Natura Session #2. Evacewennent Issues in Life-Hinting Penetal Diagnoses Beth Bauer, MSW, LSW, CT 1-1:30 pm 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  2 pm Break 2:10-2:30 pm Ethical Issues in the Surgical Treatment of Individuals with Trisomies: Looking Back Over 50 Years and to the Future Armand Antonmaria, MD, PhD  Session #2: MMC 2:35-2:55 pm Second hit in spina biffda Mare Oria, PhD 3:55-3:15 pm Challenges in the management of patients with spina biffda Jason Woodward, MD 3:55-4:15 pm Postnatal vs prenatal repair Charles Stevenson, MD 4:15-4:35 pm Prenatal Surgery for spina biffda fater 25 weeks' gestation Adolo Etchegaray, MD 4:55-5:15 pm Prenatal MMC Repair — expanding the selection (inclusion and exclusion) criteria; considerations for new approaches Timothy M. Crombleklohne, MD	7:45 am	Opening/Welcome Addresses Foong-Yen Lim, MD	
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### Saturday, September 7, 2019 | Sabin Hall @ Liberty Center

7:30 am	Registration/Exhibits/Breakfast
Morning Sessions	
7:45-7:55 am	Opening Remarks Foong-Yen Lim, MD
7:55-8:15 am	Anesthesia for Fetal Intervention Jagroop "Rupi" Parikh, MD
8:15-8:35 am	Neonatology in the post Fetal Center era Paul Kingma, MD, PhD
8:35-8:55 am	Minimally invasive surgery for prenatal spina bifida repair Jose Peiro, MD, PhD
8:55-9:15 am	Cardiac assessment during prenatal MMC repair open fetal MMC repair versus fetoscopic repair James Cnota, MD
9:15-9:35 am	Carbon dioxide amniodistention on Maternal and fetal health during fetoscopic MMC repair Jena Miller, MD
9:35-9:55 am	Variations in obstetric, fetal and maternal management in open vs fetoscopic MMC repair Mounira Habli, MD
9:55-10:15 am	Building a Fetal Surgery Program in South America: the value of mentorship Daniel Russo, MD
10:15-10:45 am	DISCUSSION
10:45-11:00 am	Break
Session #3: Renal	
11-11:20 am	Prenatal imaging of obstructive uropathy and anorectal malformations. Review of challenging cases Maria Calvo-Garcia, MD
11:20-11:40 am	Prenatal imaging of obstructive uropathy and anorectal malformations. Review of challenging cases Beth Rymeski, DO
11:40 am - noon	Fetal cardiac findings of complex twins (TTTS, TRAP, TAPS, interesting cases), pre- and post-intervention changes <i>Allison Divanovic</i> , <i>MD</i>
noon - 12:15 pm	Q&A
12:15-1 pm	Boxed lunch
1-1:20 pm	Fetal interventions for BOO and in utero renal failure Timothy M. Crombleholme, MD
1:20-1:40 pm	NICU perspective renal patient, pulmonary hypoplasia Paul Kingma, MD, PhD
1:40-2 pm	Changing the outcome together: CCHMC's approach to providing care to infants diagnosed in-utero with severe renal anomalies <i>Donna Claes, MD</i>
2-2:20 pm	Neonatal ESRD (end stage renal disease) — Urological Management and Lower GU Tract Optimization for Renal Transplantation <u>Pramod Reddy, MD</u>
2:20-2:30 pm	Q&A
2:30-3 pm	DISCUSSION
3-3:10 pm	Break
Session #4: Complex T	wins
3:10-3:30 pm	Double trouble: imaging of complex monochorionic twin pregnancies Beth Kline-Fath, MD
3:30-3:50 pm	Twins: what to do when things don't conform <i>Jena Miller</i> , MD
3:50-4:10 pm	Fetal Surgery for Lower Urinary Tract Obstruction Based on a Prenatal Staging System Rodrigo Ruano, MD, PhD
4:10-4:30 pm	TAPS: new diagnostic criteria Kara Markham, MD
4:30-4:50 pm	Unique cases, pearls and trade secrets from The Grandmaster Timothy M. Crombleholme, MD
4:50-5 pm	Q&A
5-5:30 pm	DISCUSSION
5-5:30 pm 5:30 pm	DISCUSSION  Closing Remarks