

H0301: Section on Surgery Program: Day 3

Sunday, September 28

- 7:30 AM **Breakfast & Mentorship Meeting***
Supported by Lehigh Valley Reilly Children's
- 8:00 AM **Sigmund Ein Clinical Problem-Solving Session**
Michael Caty, MD, MMM, FAAP, and Peter Masiakos, MD, MS, FAAP
- 9:30 AM **Coffee Break and Stretch***
- 9:40 AM **Update on Wilms' Tumor Protocols from the COG**
Nick Cost, MD
- 10:00 AM **Quick Shots***
Moderators: Gerald Gollin, MD, FAAP, and Benjamin Farber, MD, FAAP
- 10:00 AM A Comparison Between Lipid Nanoparticles and Composite Lipopolyplex as Encapsulation Agents for Transamniotic Fetal mRNA Delivery
Alex Huang, MD (Boston Children's Hospital)
- 10:05 AM Staged Ultrasound with MRI: The Most Cost-Effective Imaging Strategy for Pediatric Appendicitis
Alicia Greene, DO (Penn State Children's Hospital)
- 10:10 AM Continuous Quality Improvement: Implementation of a Standardized Treatment Pathway for Children with Uncomplicated Appendicitis
Jordan Rook, MD (UCLA)
- 10:15 AM Intra-abdominal 0.05% Chlorhexidine Gluconate Lavage for Perforated Appendicitis
Andrew Mudreac, MD (The Children's Hospital of Philadelphia)
- 10:20 AM Argon Inhalation Promotes Intestinal and Hepatic Recovery during Experimental Neonatal Sepsis
Felicia Balsamo, MSc (The Hospital for Sick Children)
- 10:25 AM Unequal Access: Geographic and Demographic Inequities in Pediatric General Surgical Care in the United States
Alicia Greene, DO (Penn State Children's Hospital)
- 10:30 AM Single-state Experience in Pediatric Firearm Violence, Social Vulnerability Index, and Child Opportunity Index
Chandler Annesi, MD (University of Alabama at Birmingham)
- 10:35 AM The Impact of a Federally Mandated Car Safety Feature on Rate and Severity of Pediatric Backover Trauma
Jeannette Joly, MD (UT Health Houston)
- 10:40 AM Evaluating the Impact of Trauma Center Drug Screening Practices on Disparities in Screening
Jordan Rook, MD (UCLA)
- 10:45 AM Impaired Endothelial Angiogenesis via Extracellular Vesicles Originating from Human Trophoblast Stem Cells in a Nutrient Restriction Model of Fetal Growth
Caitlin Eason, MD, MPh (Children's Hospital of Colorado)
- 10:50 AM Impaired Quality of Life is Independent of Physical Symptoms and Haller Index in Pectus Excavatum
Krysta Sutyak, DO (UT Health Houston)



- 10:55 AM Bridging the Gap in Pain Control after Minimally Invasive Repair of Pectus Excavatum: A 15-year Evolution
Megan Chiu, MD (Boston Children's Hospital)
- 11:00 AM Consequences of Intraoperative Opioid Underdosing: How Regional Nerve Blocks and Disease Complexity Shape Postoperative Pain and Opioid Requirements
Jason Liu, BS (University of Central Florida)
- 11:05 AM Prenatal Administration of Immunoglobulin-M (IgM) Via Transamniotic Fetal Immunotherapy (TRAFIT)
Alex Huang, MD (Boston Children's Hospital)
- 11:10 AM Thyroid Cancer beyond the Sistrunk Procedure: A Retrospective Review
Olivia Asimaki, MSL (Case Western Reserve)
- 11:15 AM **Adjourn**

**This portion of the agenda is not designated for CME credit.*