



Hoz20: Section on Surgery Program: Day 2

Saturday, September 27

- 7:00 AM **Committee Meetings***
- 7:30 AM **Coffee***
Supported by Children's Hospital of Alabama
- 8:00 AM **Welcome and Announcements***
Emily Christison-Lagay, MD, FAAP (Program Committee Chair)
- 8:05 AM **Rosenkrantz Presentations 1 – Trauma/General Surgery**
Moderators: Edward Tagge, MD, FAAP and Nicole Chandler, MD, FAAP
- 8:06 AM Drivers of Children More Likely to Test Positive for Cannabinoids Following Recreational Legalization Measures
Alexis Jones, MD (Yale New Haven Children's Hospital)
- 8:14 AM Optimizing Surgical Techniques for the Repair of Inguinal Hernias in Infants
Zane Hellmann, MD (Yale New Haven Children's Hospital)
- 8:22 AM Inguinal Hernia Recurrence in Premature Infants is Not Affected by Timing of Repair
Stephanie Brierley, MD (Phoenix Children's Hospital)
- 8:30 AM Concomitant intraabdominal procedures do not increase risk of peritoneal dialysis catheter infection
Carly Thaxton, MD (Yale New Haven Children's Hospital)
- 8:38 AM First In-human Pilot Study of Broadband Optical Spectroscopy as Noninvasive Surveillance for Necrotizing Enterocolitis
Ashley Dodd, MD, MS (Ann and Robert H Lurie Children's Hospital)
- 8:46 AM Smarter Transfers: The Potential of AI Machine Learning to Dramatically Reduce Hospital Costs for Unnecessary Pediatric Appendicitis Transfers
Krysta Sutyak, DO (University of Texas Health Houston)
- 8:54 AM The Influence of Residence on Pediatric Obesity in Texas: Are All Children at Equal Risk?
Jaclyn Dempsey, MD (University of Texas Medical Branch)
- 9:02 AM Typology of Legal Intervention Trauma Among Pediatric and Young Adult Decedents: A Latent Class Analysis
Andreina Giron, MD (Children's Hospital of Orange County)
- Symposium 3: Perioperative and Operative Stewardship**
Moderators: Ami Shah, MD, FAAP and Mehul Raval, MD, FAAP
- 9:10 AM Principles of Sustainable Anesthetic Practice
Elizabeth Hansen, MD, PhD
- 9:30 AM Reducing & Recycling: Principles for Sustainable Surgery
Gwyneth Sullivan, MD
- 10:00 AM **Q/A**
- 10:10 AM **Coffee Break***



- 10:25 AM **Rosenkrantz Presentations 2 – Fetal/Congenital**
Shunpei Okochi, MD, FAAP and Augusto Zani, MD, FAAP
- 10:26 AM A Declining Incidence of Gastroschisis Parallels Trends in Maternal Smoking Rates in the United States
Zane Hellmann, MD (Yale New Haven Children's Hospital)
- 10:34 AM Self-Amplifying mRNA Enhances Transamniotic Fetal mRNA Delivery
Alex Huang, MD (Boston Children's Hospital)
- 10:42 AM Prenatal Sonographic Measurement of Intra-Abdominal Bowel Dilation Predicts Complex Gastroschisis
Mary Elizabeth Guerra, MD (Texas Children's Hospital)
- 10:50 AM A Multicenter Evaluation of Current Management Patterns of Segmental Bronchial Atresia
Yeu Sanz Wu, MD (Columbia University Irving Medical Center)
- 10:58 AM Post-Operative Esophagram: A Risk-Based Approach for Detecting Anastomotic Leak in Pediatric Surgery
Rebecca Leslie, MSN, RN, FNP-BC (Boston Children's Hospital)
- 11:06 AM Optimizing Timing for Asymptomatic CPAM Resection: A PHIS Database Analysis (Phase 1)
Zoe Flyer, DO (Children's Hospital of Orange County)
- 11:14 AM Fetal Growth Restricted Placental Organoid-Derived Extracellular Vesicles Regulate Extravillous Trophoblast Invasion and Gene Expression via microRNA Signaling in an In Vitro model
Courtney Breckenfelder, BS (University of Colorado Denver Anschutz)
- 11:22 AM Congenital Diaphragmatic Hernia repair and ECLS – anticoagulation and repair timing
Kylie Holden, MD (University of Texas Health Science Houston)
- 11:30 AM **Stephen Gans Distinguished Overseas Lecture**
Pediatric Surgical Implications of Neglected Tropical Diseases
John Lawrence, MD
- 12:15 PM **Lunch & Committee Reports***
Supported by Nationwide Children's Hospital
Convention Center Mile High Ballroom 2B-3B
- 1:15 PM **Rosenkrantz Presentations 3 – Oncology/Surveillance**
(Concurrent with Intestinal Failure/Colorectal)
Convention Center Mile High Ballroom 2B-3B
Moderators: Laura Stafman, MD, FAAP and Emily Christison-Lagay, MD, FAAP
- 1:16 PM Pharmacologic PP2A activation as an adjunct to doxorubicin treatment in neuroblastoma
Morgan Brown, MD (LSUHSC – New Orleans)
- 1:24 PM Pediatric Rectal Adenocarcinoma: A National Cancer Database Analysis and Comparison to Adults
Michael Froehlich, MD (Stony Brook University Hospital)
- 1:32 PM Validation of PED TI-RADS for Pediatric Thyroid Nodule Risk Stratification: A Pediatric Surgical Oncology Research Collaborative Study
Shachi Srivatsa, MD, MPH (Nationwide Children's Hospital)
- 1:40 PM Non-Anatomic Resection for Hepatoblastoma is Associated with Favorable Outcomes
Brian Hickner, MD



- 1:48 PM Use of NAMPT inhibitor ATN-940 in an orthotopic rhabdomyosarcoma mouse model
Shahyan Rehman, MD (Yale New Haven Hospital)
- 1:56 PM Long term pulmonary outcomes for esophageal atresia with distal tracheoesophageal fistula: A Midwest Pediatric Surgery Consortium study
Samantha Leonard, MD, Med (Medical College of Wisconsin)
- 2:04 PM Thymic Carcinoma and Thymoma in Children, Adolescents, and Young Adults: A National Cancer Database Analysis of 1,069 Patients
Colleen Nofi, DO, PhD, MBA, MSc (Cohen Children's Medical Center)
- 2:12 PM Scanning for Safety: A Comparison of Ultra-Low Dose CT and Multi-View Chest X-Ray for the Diagnosis of Pediatric Foreign Body Aspiration
Ruoying Li, BS (Vanderbilt University)
- 1:15 PM **Rosenkrantz Presentations 4 – Intestinal Failure/Colorectal**
(Concurrent with Oncology/Surveillance)
Convention Center Mile High Ballroom 1EF
Moderators: Biren Modi, MD, FAAP and Mitchell Ladd, MD, FAAP
- 1:16 PM Need for Biologic Therapy After Restorative Proctocolectomy with Ileal Pouch Anal Anastomosis in Children with Medically Refractory Ulcerative Colitis
Rosa Kim, MD (Boston Children's Hospital)
- 1:24 PM Early outcomes of the Ileoanal Pullthrough for Total Colonic Hirschsprung Disease: A Single Center Experience
Thomas Xu, MD (Children's National Hospital)
- 1:32 PM Single nuclear RNA sequencing elucidates a longitudinal progression of ductular reaction in the liver after massive small bowel resection
Daniel Alligood, MD (Washington University St Louis)
- 1:40 PM Annexin-A2+ hepatocytes modulate intestinal failure associated liver disease after small bowel resection in murine model
Alex Park, MD (Washington University St Louis)
- 1:48 PM Extracellular vesicles derived from intestinal epithelial organoids improve intestinal barrier function during necrotizing enterocolitis
Andrea Zito, MSc (Hospital for Sick Children)
- 1:56 PM Oral Delivery of Cerium Oxide Nanoparticle Conjugated to miR-146a Attenuates Inflammation in 2,4,6-Trinitrobenzenesulfonic Acid-Induced Colitis Model
Efua Bolouvi, MD (University of Arizona)
- 2:04 PM Mesenchymal Stem Cells Improve Intestinal Injury in Necrotizing Enterocolitis through SMC1 Upregulation: A Premature Piglet Study
Jasmine Lee, MD (Indiana University)
- 2:12 PM Surgical drainage of perianal abscesses in infants is associated with higher rates of fistula development
Jacky Kwong, MD (Rush University Medical Center)
(come back to main room)
- 2:25 PM **2025 William E. Ladd Medal***
Introductions by Marc Michalsky, MD, FAAP
Steve Rothenberg, MD



- 2:45 PM **AAP SOSU Distinguished Member of the Year**
Introductions by Marybeth Browne, MD, FAAP
- 3:00 PM **Updates from the Publications Committee: Most Influential Papers of the Year**
Moderators: Shuan Kunisaki, MD, MSc, FAAP & Brian Bucher, MD, FAAP
Presenters: Gerald Gollin, Jesse Vrecenak, Adil Shah, Brian Bucher
- Symposium 4: Care of Children with Obesity**
Moderators: Matthew Hornick, MD, FAAP and Marc Michalsky, MD, FAAP
- 3:30 PM **Best Practices for Approaching the Care of Children with Obesity**
Amy Christison, MD
- 3:50 PM **Technical Considerations for Operative and Perioperative Care of Children with Obesity**
Faisal Qureshi, MD
- 4:10 PM **Q/A**
- 4:30 PM **Adjourn**
- 6:30 PM **Surgical Reception at Hotel Teatro***
Sponsored by Nemours Children's Health and KARLSTORZ

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

This program continues as H0301: Section on Surgery Program: Day 3 on Sunday, September 28.