

H0219: Section on Critical Care Program

Charting Your Course in Pediatric Critical Care

From Clinical Practice to Policy, Leadership, Innovation and Global Outreach

Saturday, September 27

Poster Session 1*: Section on Critical Care

Friday, September 26, 2025

2:00 pm – 3:00 pm (MT)

Colorado Convention Center – Four Seasons Ballroom 1 & 2

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

2102526	Transfusion-Associated Circulatory Overload in a Pediatric Patient with Severe Anemia due to Chronic Malnutrition	Fariba	Abedi	MD
2102817	Atypical Presentation of T-Cell Lymphoblastic Lymphoma in a 2-Year-Old: Mediastinal Mass with Pleural and Pericardial Effusion	Nitheesha	Alapati	MD, MBA
2101806	Beyond Platelets: A Case of Severe ITP Complicated by Intracranial Hemorrhage and Autoimmune Red Flags	Saman	Aryal	MD
2101849	Rethinking Pediatric Sepsis: How the Phoenix Score Transforms Pediatric Care	Saman	Aryal	MD
2102371	Development of an Interdisciplinary, Interprofessional, Family-Centered Rounding Framework for Critically Ill Children	Numair	Belgaumi	MBBS, MD
2102821	Medium-Chain Acyl-Coenzyme A Dehydrogenase Deficiency Manifesting in a Neonate Following Cardiac Arrest	Reesha	Bodiwala	DO
2101292	Management of Pediatric Sickle Cell Disease and Multi-Organ Dysfunction With ECMO: A Single-Center Experience	Shreya	Chandran	MD
2075745	Rapid Diagnosis and Management of CHANTER Syndrome in an Adolescent Male: A Multidisciplinary Approach w 1yr Follow Up	Emmanuel	Cruz	MD Candidate
2103907	Trends in Sugammadex Use in Critically Ill Children at Academic Children's Hospitals using the Pediatric Health Information System Database (2016-2023)	Beatriz	Feijo	BS
2099009	Pediatric Midclavicular vs Peripherally Inserted Central Catheterization	Sahita	Gandra	
2103324	Possible Contribution of Mycoplasma Pneumoniae Infection to a Brain Abscess Caused by Fusobacterium Necrophorum	Scott	Garber	
2051832	Cerebrovascular Vasospasms, Cerebral Sinus Venous Thrombosis, and Rapid Empyema Reaccumulation in a Child w Co-Infection of Fusobacterium Nucleatum and Prevotella Loescheii	Rachel	Geiser	MS
2104118	Challenging Mortality: Successful VA-ECMO in Pediatric Acute Liver Failure with Profound Vasoplegia	Nina	Gummedi	MD

2092107	"A Preterm Neonate with ABCC8 Mutation-Induced Congenital Hyperinsulinemia Responsive to Diazoxide Following Oral Glucose Infusion Treatment	Grisha	Gurung	MBBS
2103968	Effect of Summary Sheet Teaching on PICU RN Education	Kayla	Heidbrink	DO
2098887	Vitamin K Administration During Pediatric Sepsis: A Single Center Observational Study	Audrey	Hughes	MD
2103566	Hypotension, Non-Steroidal Anti-Inflammatory Drugs, and Acute Kidney Injury	Elena	Insley	MD
2103944	A Rare Case of Syndrome of Inappropriate Antidiuretic Hormone in a 9-month-old Male Developed after Ventriculoatrialsunt Revision	Saswat	Jha	MD
2104149	Risk Factors and Outcome of Ventilator Associated Pneumonia in Children aged 1m to 12 years Admitted in PICU of Tertiary Care Hospital in Northern India	Dvijraj	Kalita	
2102689	A Rare Case of Reye's Syndrome in a Patient with Congenital Heart Disease	Maria	Libertin	MD, MA
2094558	Severe Clinical Manifestations of Chikungunya and Dengue-Chikungunya Coinfection in Pediatric Patients Hospitalized in the ICU in Cali, Colombia	Yuly	Muñoz	
2099576	Current Practices in PRBC Transfusion in the PICU: A Retrospective Review	Juliara	Ortiz Santana	MD
2103507	Do Pediatric Sepsis Scores Accurately Predict Mortality? Prediction of Outcomes in Critically Ill Pediatric Cancer Patients	Sarah	Pennebaker	BS
2102512	MIS-C in the Post-Pandemic Era: A Patient with Obesity, Shock, Lactic Acidosis and Severe Insulin Resistance	Ashley	Rodgers	MD
2100015	Determining the Effects of Social Determinants of Health on Patient Outcomes in Pediatric Critical Care Units	Lauren	Scott	
2094569	Colonic Conundrum: An Unusual Presentation of Inflammatory Myofibroblastic Tumor in the Ascending Colon	Eru	Sujakhu	MD
2102759	Association of Sociodemographic Factors with Mortality in Pediatric ECMO Patients	Alleigh	Wettstein	BS
2102224	A Complex Case of Confusion and Multiorgan Dysfunction: An Uncommon Presentation of a Common Disease	Heather	Xiao	MD
2102787	Fever, Fatigue, and Focal Neurologic Findings after Foreign Travel	Heather	Xiao	MD
2099617	Impact of Payer Status on Pediatric Inpatient Craniotomies Costs and Outcomes	Xander	Yap	
2103488	Not Just a UTI: Complications of a Morganella Morganii Urinary Tract Infection	Caroline	Young	MD

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Saturday, September 27, 8:00 AM-6:00 PM

Hyatt Regency Denver, Centennial Ballroom B

- 8:00 AM **Welcome***
Moderator: Melanie Kitagawa, MD, MHA, FAAP
- 8:05 AM **Advocacy Presentations**
Moderator: Anna Rodenbough, MD, MPH, FAAP
- 8:20 AM **Oral Abstract Presentations**
Moderators: Ranna Rozenfeld, MD, FAAP and Benson Hsu, MD, MBA, FAAP, FCCM
- 8:20 AM *Patrick Durkin, MD*
Transforming Pediatric Cardiac ICU Nursing: A Physician-Led, Interdisciplinary Approach to Boosting Knowledge and Confidence
- 8:30 AM *Rabia Pirzada, DO, MPH*
Spontaneous Chylothorax in an Infant with Critical Pertussis
- 8:40 AM *Rebecca Martin, MD*
Establishing Evidence of Validity for a Novel Pediatric Airway Management Assessment Tool in Pediatric Trainees
- 8:50 AM **From the ICU to National Advocacy: The Role of Pediatric Intensivists in Health Policy and Organized Medicine**
Deanna Behrens, MD, FAAP
- 9:20 AM **Building a Career from Local ICU to Global Collaborations**
Nate Serazin, MD, FAAP
- 9:50 AM **Oral Abstract Presentations**
Moderators: Erin Kritz, DO, FAAP and Anna Rodenbough, MD, MPH, FAAP
- 9:50 AM *Angela Pluguez, DO*
Factors Associated with 7-day Hospital Readmission After Tracheostomy Associated Respiratory Infection: A Multicenter Retrospective Cohort Study
- 10:00 AM *Lijia Wang, PhD*
Rapid Identification of Pediatric Sepsis Using AI Detection Technology Based on Raman Spectroscopy
- 10:10 AM *Rachana Domudala, MBBS*
Multisystem Inflammatory Syndrome in Children in the United States in 2022



- 10:20 AM **Nourishing the Future: A PICU NP's Journey Through Clinical Practice, Education & Policy**
Ann-Marie Brown, PhD, CPNP-AC/PC, CCRN, CNE, CHSE, FCCM, FAANP, FASPEN
- 10:50 AM **Abstract Presentations**
Moderators: Benson Hsu, MD, MBA, FAAP, FCCM and Melanie Kitagawa, MD, MHA, FAAP
- 10:50 AM *Austin Schatzman, DO, FAAP*
Hospital Acquired Fractures
- 11:00 AM *Bethany Murphy, MD*
Venous Thromboembolism Risk Assessment and Thromboprophylaxis in Hospitalized Pediatric Patients
- 11:10 AM *Taylor Bono, MD*
Novel Critical Care Education Committee for Pediatric Resident Education Supplementation

Poster Session 2*: Section on Critical Care
Saturday, September 27, 2025
11:15 am – 12:15 pm (MT)
Colorado Convention Center – Four Seasons Ballroom 1 & 2

2099147	Cerebrospinal Fluid Diversion in Neonatal Intraventricular Hemorrhage Does Not Reduce Biomarkers of Brain Inflammation and Injury	Ankit	Agarwal	MD
2103294	Characteristics and Clinical Course of Invasive Mechanical Ventilation in a PICU in Lima, Peru (2022-2024)	Giancarlo	Alvarado-Gamarra	MD MSc PhD(c)
2101745	Intracardiac Air Embolism Associated with Necrotizing Enterocolitis in a Premature Infant	Tanima	Arora	MD, MHS
2102725	Stratifying GI Risks: A Comparative Study of Pediatric TPN by Age Group	Saman	Aryal	MD
2101985	A Comparison of Infusion Rates for Indwelling Arterial Catheters in Infants in the PICU	Juliette	Begin	
2095389	Optimizing Malnutrition Screening as a Predictor of Acute Kidney Injury and ICU Outcomes in Critically Ill Children	Andie	Blankenstein	MS
2102287	Implementing an Airway Checklist in a Mixed Cardiac and Medical PICU: Challenges and Strategies	Deepthi	Carter	MD
2099155	Fine Lines: Reduction in Central Line Blood Stream Infections in the PICU w Implementation of Multidisciplinary, Unit-Based Rounding	Andrew	Hayes	DO
2091833	PRE-PICU: Prehospital Primary Care Risk Factors for Critical Illness in Children	Caitlyn	Hodge	MD



2079236	Facilitating the Transition to Adult Medicine for Admitted Medically Complex Pediatric Patients	Jesse	Kay	MSN, MA, APRN, CPNP-AC, CCRN
2099351	The Flip Side of Sanfilippo Syndrome: A Case of Atypical Timing and Presentation	Tiffany	Le	MD
2094959	Medical Student Experience During Cardiopulmonary Resuscitation Events	Kathryn	Mulligan	MD
2101911	Incidence of Anaphylaxis in Pediatric Patients with Documented Penicillin Allergy Receiving a Single Antibiotic: A PHIS-Based Analysis (2017–2024)	Jamal	Obeid	MD
2094433	Guidance from a Gallop: Pulmonary Artery Thrombus in an Infant with Septic Shock	Allison	Ong	MD
2101817	A Potential Solution for Water Bead Ingestion: Novel Use of Gastrografin Osmotically Shrinks Water Beads	Cassidy	Pham	
2101163	Mental and behavioral Health Crises in the PICU: An Integrative Literature Review	Deepti	Sharma	MD
2101460	Medullary Abscess in an Immunocompetent Pediatric Patient: A Tough Nut to Crack	Archana	Sivanandam	MD
2097965	Rebound Effect: The Under-Recognized Risk of Methotrexate Redistribution	April	Slamowitz	MD
2101362	Lower Rates of Hyperchloremia in Pediatric Diabetic Ketoacidosis Treated with Hypotonic Compared to Isotonic Fluids	Jeneva	Smith	MB BCh BAO
2101189	Management of Hemiconvulsion Hemiplegic Epilepsy Syndrome Utilizing Ketamine and Ketogenic Diet	Jack	Thomas	DO
2099914	A Case of Air Leak Syndrome and Diffuse Alveolar Hemorrhage in an Adolescent Male with Granulomatosis with Polyangiitis	Shannon	Tung	MD
2049896	Sleeping Scars, Sudden Storm: Recurrent Dilated Cardiomyopathy in an Adolescent Requiring Intensive Care	Asra	Usmani	MD
2073907	Likelihood of PICU Admission in Patients with SARS-CoV-2 and Viral Co-Detection	Shahwar	Yousuf	MD
2103072	Cardiogenic Shock in a Pediatric Patient with Hemoglobin SC Disease	Yucong	Zhang	MD

Ho219: Section on Critical Care Program Continued
September 27, 2025, 1:00 pm – 6:00 pm (MT)
Hyatt Regency Denver at Colorado Convention Center
Centennial Ballroom B

- 1:00 PM **Welcome Back***
Moderator: Melanie Kitagawa, MD, MHA, FAAP
- 1:05 PM **Abstract Presentations**
Moderators: Elizabeth Mack, MD, MS, FAAP and Lia Lowrie, MD, FAAP
- 1:05 PM *Dustin Armstrong, MD*
Use of Clinical Decision Support to Mitigate Central Line-Associated Blood Stream Infection Risk in High-Risk Patients
- 1:15 PM *Benjamin Oelkers*
Developing Organ Dysfunction Diagnostic Criteria for Children with Cancer and Post-Hematopoietic Cell Transplantation: A Novel Approach for Large Systematic Reviews
- 1:25 PM *Minh Le*
Tissue Plasminogen Activator Administration for Restoration of Central Line Patency is Associated with Subsequent Hospital-Acquired Venous Thromboembolism: A Single Center Cohort Study
- 1:35 PM **Innovations in Pediatric Critical Care: Bridging Clinical Practice, Generative AI, and Medical Device Development**
Brandon Hunter, MD, FAAP
- 2:05 PM **Advancing Pediatric Critical Care in Low-Resource Settings: Training and Research Initiatives in Africa**
Amelie von Saint Andre-von Arnim, MD
- 2:35 PM **Abstract Presentations**
Moderators: Elizabeth Mack, MD, MS, FAAP and Melanie Kitagawa, MD, MHA, FAAP
- 2:35 PM *Kyle Barnack, MD, FAAP*
Pediatric Diabetic Ketoacidosis Readmission and Social Determinants of Health: A Single-Center Retrospective Cohort Study
- 2:45 PM *Jasmine Ware, MD*
A Sticky Situation: Bone Cement Embolization Leading to Cardiac Arrest in a Pediatric Patient
- 2:55 PM *Rebecca Asp, MD, MS, FAAP*
Co-Creation of a Social Needs Screening and Response Process for the PICU



- 3:05 PM **Navigating Academic Medicine: Leadership, Research, and Innovation in Pediatric Critical Care**
Maya Dewan, MD, MPH
- 3:35 PM **My PICU Up! Journey: Clinical Care, Research, Leadership, and Global Impact**
Sapna Kudchadkar, MD, PhD, FAAP
- 04:05 PM **Abstract Presentations**
Moderator: Nick Ettinger, MD, PhD, FAAP and Wendy Hasson, MD, FAAP
- 4:05 PM *Eliza Firn, MD, FAAP*
Exploring Pediatric Cardiac Arrest Care in Community Emergency Departments: A Contextual Inquiry
- 4:15 PM *Renan Orellana, MD, FAAP*
Enhancing Critical Care Transport Readiness in Community Medical Providers in Resource-Limited Settings through an Online Competency-Based Adaptive Blended Learning Model
- 4:25 PM *Karen Adkins, MD, FAAP*
From Hospital to Home – Increasing Caregiver Confidence and Skills in Order to Safely Manage Tracheostomy Emergencies with High Fidelity Simulation
- 4:35 PM **Q&A Session with Panel**
- 5:00 PM **SOCC 2025 Distinguished Career Award Presentation**
Awardee: Derek S. Wheeler, MMM, MBA, FAAP
Presenter: Richard J. Brill, MD, MCCM, FAAP
- 5:15 PM **SOCC Reception***
Location: Hyatt: Mineral Hall C
- 6:00 PM **Adjourn***

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

This program continues Sunday, September 28th as H0325: Joint Program: Section on Global Health and Section on Critical Care.