

# 48<sup>th</sup> Critical Care Congress Pediatric Sessions

## Sessions

---

### **Outcomes and Opportunities in the Pediatric ICU**

Opioid Crises in Children

*Jason M. Kane*

Technology Dependence: A Consequence of Survival

*Maureen A. Madden*

Functional and Neurodevelopmental Outcomes in Survivors

*Martha A.Q. Curley*

### **Year in Review: Pediatrics**

Clinical Update

*Melania Bembea*

Research Update

*Nadir Yehya*

Quality/Safety Update

*Kyle J. Rehder*

### **Anticoagulation in the Pediatric ICU: When Do We Need It?**

We're Looking for Clots and Finding Them: Can We Actually Prevent Them?

*Dauryne L. Shaffer*

Monitoring Your Anticoagulation the One True Way!

*Edward V. Faustino, MD*

I've Got a Clot, so Now What Do I Do?

*Peter N. Johnson*

### **Controversies in the Management of the Pediatric ECMO Patient**

Ventilator Management: Rest or Exercise the Lung

*Heidi J. Dalton*

Anticoagulation Strategies and Challenges in Neonatal and Pediatric ECMO

*Melania Bembea*

How to Deal With Acute Complications

*Heidi J. Dalton*

## **Controversies in Pediatric ARDS**

Optimal Tidal Volume for Pediatric ARDS

*Neal J. Thomas*

High-Frequency Ventilation for Pediatric ARDS

*Ira M. Cheifetz*

Prone Positioning for Pediatric ARDS

*Martha A.Q. Curley*

## **Pediatric Sedation: Less Is More**

Move, Don't Sedate

*Sapna Kudchadkar*

Nursing Procedural Sedation Competencies in the Pediatric ICU

*Lauren R. Sorce*

Pediatric Delirium: Fact or Fiction

*Chani S. Traube*

## **Pediatric Surgical Critical Care: Same Patients, Different Perspectives**

ECMO Cannulation Strategies

*Michael W. Dingeldein*

Fluid Management in the Complex Postoperative Pediatric Patient

*Alexander Feliz*

Massive Transfusion and Coagulopathy in Pediatric Trauma

*Adam M. Vogel*

Understanding Damage Control in Pediatric Patients

*Laura Boomer*

## **Star Research Presentations: Pediatric Shock Circulation**

Effect of Epinephrine Versus Vasopressin Rescue on Cerebral Blood Flow During CPR

*Julia Slovis*

Survival and Neurobehavioral Outcomes in Children One Year After ECPR for In-Hospital Cardiac Arrest

*Kathleen L. Meert*

End-Tidal Carbon Dioxide to Identify Return of Spontaneous Circulation During Pediatric Arrest

*Robert M. Sutton*

Temporal Trends of Ventricular Assist Device Use in Children From 2000 to 2012

*Kalpana Singh*

### **Star Research Presentations: Pediatric Potpourri**

Comparison of Bedside Ultrasound to FNL for Identification of VCMI After Pediatric Cardiac Surgery

*Kyle Miller*

Machine Learning Applied to Continuous Physiologic Data Predicts Fever in Critically Ill Children

*Rishikesan Kamaleswaran*

Economic Impact of Hospitalized Children With Botulism Who Receive Human Botulinum Immune Globulin

*Jonathan Chan*

Age and Injury Severity Are Determinants of Glucose Metabolism Following Severe Burn Trauma

*Daniel Popp*

### **Star Research Presentations: Pediatric Pulmonary**

Acute Respiratory Distress Syndrome Following Pediatric Trauma: Application of PALICC Criteria

*Elizabeth Y. Killien*

Early Predictors of Mortality in Pediatric Acute Respiratory Distress Syndrome: A PARDIE Study

*Nadir Yehya*

Endothelial Activation Is More Prominent in Indirect Versus Direct Pediatric ARDS

*Jane Whitney*

Pediatric Diaphragm Atrophy Is Associated With Prolonged Noninvasive Support Following Extubation

*Christie Glau*

### **Star Research Presentations: Pediatric Multiple Organ Dysfunction**

Role of Drp1/Fis1-Mediated Mitochondrial Fragmentation in Sepsis-Induced Myocardial Dysfunction

*Bereketeab Haileselassie*

Three Pediatric Sepsis-Induced Multiple Organ Failure Inflammation Phenotypes: A Multicenter Study

*Joseph A. Carcillo*

Five-Year Readmission and Mortality in Survivors of Multiple Organ Dysfunction Syndrome in Infancy

*Elizabeth Y. Killien*

Data-Driven Phenotypes of Multiple Organ Dysfunction Syndrome in Critically Ill Children

*L. Nelson Sanchez-Pinto*

### **Guidelines for Pediatric Sepsis Beyond Clinical Care: Government Mandates and Adherence**

Should Children's Hospitals Develop Guidelines Based on Adult Mandates?

*Richard J. Brill*

Does the CMS Standard for Sepsis Apply to Pediatrics?

*Sean R. Townsend*

How Do We Measure Adherence to Protocols?

*Julie C. Fitzgerald*

Antimicrobial Stewardship in the Pediatric ICU

*Jeffrey J. Cies*

Panel Discussion

*Richard J. Brill, Sean R. Townsend, Julie C. Fitzgerald, Jeffrey J. Cies*

### **Mending Little Hearts**

Genetic Basis for Congenital Cardiac Disease

*Parag Jain*

What Becomes of the Person With Cyanotic Congenital Heart Disease?

*Adrienne Kovacs*

Mechanical Cardiac Assist Devices

*Paul A. Checchia*

### **Safety in the ICU Environment**

ICU Safety: The Impact of Pediatric Violence Victims

*Heidi R. Flori*

De-Escalation Strategies for Staff In the Trenches

*Karin Reuter-Rice*

Legal and Regulatory Perspectives: How to Keep Our ICUs Safe

*Michael F. O'Connor*

### **Negotiating for Better Outcomes in Your ICU**

General Negotiation Skills

*Jeffery S. Vender*

Specific Negotiation Skills as They Relate to Obtaining Resources in the Pediatric ICU

*Derek S. Wheeler*