48th 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. Brilli*

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. Brilli, 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*