Section on Critical Care Program & Reception Day 1

Abstract Session: Section on Critical Care

Session Description/Objectives:
This session will enable physician, physician trainees, nurses, and other healthcare professionals to present original research in both oral/platform and poster presentation formats. The attendee will become conversant in new research in the field of pediatric critical care.

8:00 – 8:15 am  
Introduction:
Brad Poss, MD, FAAP

8:15 – 9:30 am  
Oral Abstract Session I

9:30 – 10:30 am  
Poster Walk Rounds and Coffee Break

10:30 – 12:00 pm  
Oral Abstract Session II

Educational Session: Section on Critical Care

Session Description/Objectives:
This session will update attendees on several of the newly developed means to provide respiratory support to critically ill children including the use of non-invasive ventilation techniques such as BiPAP and high flow nasal cannula. Participants will also receive education on one of the newer ventilatory modes being used in children, applied pressure release ventilation (APRV). The final session will discuss how to provide respiratory support in resource limited areas of the world.

Treatment of Respiratory Failure: So Many Options

1:00 – 1:10 pm  
Introduction:
Brad Poss, MD, FAAP

1:10 – 2:00 pm  
Non-Invasive Ventilation: Who Needs an Endotracheal Tube?
Gerhard Wolf, MD

2:00 – 2:50 pm  
Airway Pressure Release Ventilation: Take a Deep Breath and Hold!
Ellie Hirshberg, MD

2:50 – 3:10 pm  
Coffee Break

3:10 – 4:00 pm  
Respiratory Failure Around the World: Ventilation with Limited Resources
Niranjan “Tex” Kissoon, MD, FAAP

4:00 – 4:15 pm  
Panel Discussion

4:15 – 4:30 pm  
SOCC Business Meeting
Donald Vernon, MD, FAAP

4:30 – 5:00 pm  
Presentation of SOCC Distinguished Career Award

5:00 – 6:00 pm  
Reception, Viewing of Posters, Abstract Awards
SOCC& SOEM Joint Educational Session

Session Description/Objectives:
The traumatic brain injury discussion will discuss the evidence based therapy for children who suffer traumatic brain injury as well as the challenges, controversies, and cutting edge therapies. The multi-trauma discussion will center on stabilization and treatment of this condition and include discussions on the transition from emergency department to the OR and the ICU. The pediatric war injury discussion will be led by a practitioner with experience in recent military action and will include an overview of the types of injuries encountered and the challenges of treating these children. 1) To understand and apply the most recent evidence based care for children with traumatic brain injury; 2) To understand the challenges in caring for children with multiple traumatic injuries; and 3) To have an overview of the types of traumatic injuries children experience in war and the challenges to the military trauma system.

Trauma in the ER, the ICU and Beyond

8:30 – 8:45 am  Introduction
Brad Poss, MD, FAAP

8:45 – 9:40 am  Traumatic Brain Injury
Courtney Robertson, MD, FAAP

9:40 – 10:35 am  Multi-Trauma Injuries
Adam Silverman, MD, FAAP

10:35 – 11:30 am  Pediatric War Injuries
CAPT Jon Woods, MC, USN