

## SECTION ON CRITICAL CARE


**2000 Annual Meeting Topic Outline:**  
 Critical Care, Emergency Medicine  
 & Transport Medicine
**Friday, October 27**

9:00am – 4:30pm	C701	NRP: Guidelines 2000
1:00 – 6:00pm	H751	Section on Emergency Medicine

**Saturday, October 28**

8:30am – 5:30pm	C110	PEPP: Pediatric Education for Prehospital Professionals
7:00 – 9:00am	E100	COPEM Chapter Chairs Breakfast
8:00am – 5:00pm	H105	Section on Emergency Medicine
8:40 – 9:00am	PL	Exhaled Nitric Oxide Quantification of Inflammation in Asthma

**Sunday, October 29**

8:00am – 5:30pm	C214	PEPP: Pediatric Education for Prehospital Professionals
8:00am – 5:00pm	H204	Section on Critical Care
8:00am – 12:30pm	H205	Section on Emergency Medicine
12:30 – 6:00pm	H255	Section on Transport Medicine
2:30 – 5:30pm	A264	This Kid is Really Sick: Now What Do I Do? CPR/ALS Challenges

**Monday, October 30**

8:00am – 12:00 noon	H304	Section on Critical Care Issues Relating to Acute Lung Injury
9:30am – 12:30pm	A316	My Child Can't Breathe: Case Presentations
9:30am – 12:30pm	W325	Critical Care Procedures
2:30 – 5:30pm	W374	Critical Care Procedures

**Tuesday, October 31**

8:00am – 5:30pm	C407	APLS: The Pediatric Emergency Medicine Course
2:30 – 4:30pm	S452	Procedural Sedation

**Wednesday, November 1**

8:00am – 5:00pm	C501	APLS: The Pediatric Emergency Medicine Course
3:30 – 4:20pm	X562	Preparing Families and Communities for Disasters



***Congratulations to Dr. Russell C. Raphaely,  
this year's winner of the Distinguished Career Award!***

Presentation of this award will occur during the 2000 Annual Meeting on Sunday, October 29th from 9:15 - 9:45am at the Lakeside Center at McCormick Place, Room E-253-D (Level 2).

Dr. Raphaely is a Clinical Professor of Anesthesiology, Jefferson Medical College, Thomas Jefferson University and Co-Director, The Nemours Cardiac Center, Alfred I. duPont Hospital for Children in Wilmington, Delaware. Prior to his appointment in Delaware in 1997, Dr. Raphaely was the Director of the Division of Critical Care Medicine and Associate Director of the Department of Anesthesiology and Critical Care Medicine at The Children's Hospital of Philadelphia.

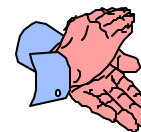
Internationally renowned in his field, Dr. Raphaely has lectured extensively, and has more than 50 publications in the realm of pediatric anesthesia and critical care medicine.

Dr. Raphaely is a member of several professional and scientific societies, including the American Academy of Pediatrics, the American Society of Anesthesiologists, the Society of Critical Care Anesthesiologists, the American College of Critical Care Medicine, and the Society of Critical Care Medicine, for which he served a 20 month term as President, a term longer than any other President.

Dr. Raphaely has served on the editorial boards of the Journal of Pediatrics, Clinical Pediatrics, and Critical Care Medicine, and has been an associate examiner for the American Board of Anesthesiologists.

A graduate of New York Medical College, Dr. Raphaely trained in anesthesiology at the Hospital of the University of Pennsylvania, and in pediatric anesthesiology and critical care medicine at The Children's Hospital of Philadelphia. His clinical interests include heart disease in neonates, infants, children, and adolescents.

Dr. Raphaely and his wife, Marianne, reside in Cherry Hill, New Jersey. They have two sons, Christopher and James, and 5 grandchildren.



**Election**  
**Announcement**

Dr. Michele Moss has been elected Chair of the Executive Committee for the Section on Critical Care. Her two year term as Chair begins November 1, 2000. Congratulations and best wishes to Dr. Moss!



**AAP Section on Critical Care Medicine**

**Sunday, October 29, 2000**

Session # H204

8:00 am – 5:00 pm

Lakeside Center @ McCormick Place, Room E253D

**8:00 – 8:10 am            Continental Breakfast**

**8:10 – 8:15 am            Introduction and Welcome**

Niranjan Kissoon, M.D., FAAP, FCCM, FRCP(C)

**ABSTRACT SESSION I**

**Moderators:**            Niranjan Kissoon, M.D., and Timothy Yeh, M.D.

- 1)        8:15 am            **A Survey of Pediatric Critical Care Physicians Regarding the Use of the “Air Leak” Test and Glucocorticosteroids Prior to Extubation.** Jason Foland, Dennis Super, Maroun Mhanna. Metro Health Medical Center, Cleveland, OH.
- 2)        8:30 am            **Removal of Epicardial Pacing Wires and Intracardiac Transthoracic Monitoring Lines after Congenital Heart Surgery.** A. Marc Harrison, Stephen Davis, June Graney, Jonathan Drummond-Webb, and Roger Mee. Cleveland Clinic Children’s Hospital, Cleveland, OH.
- 3)        8:45 am            **Miscommunication Errors Between Health Care Professionals During Transport.** Gary P. Zuckerman, Patrice M. Gregory, Bruce J. Grossman, Frank V. Castello, Robert Wood Johnson Medical School, New Brunswick, NJ
- 4)        9:00 am            **Respiratory Syncytial Virus Immunoprophylaxis in Children Requiring PICU Admission.** Frederick Barr, Neal Patel, and Theodore Speroff. Vanderbilt Children’s Hospital, Nashville, TN.

**9:15 – 9:45 am            Presentation of Distinguished Career Award**

**9:45 – 10:15 am        Coffee Break and Poster Review**

- P1)        **Extreme Hyponatremia in a Child with Dietary Water Intoxication.** John Baird<sup>1</sup>, Tamara Prull<sup>1</sup>, and Robert Helman<sup>2</sup>. <sup>1</sup>St. Vincent’s Hospital & Medical Center; and <sup>2</sup>Metropolitan Hospital, New York, NY.
- P2)        **Amrinone and Milrinone Suppress the Early Hyperdynamic Response During Endotoxemia Independent of Any Effect on TNF-Alpha Levels.** Michael Verive, David Jaimovich, Ira Horowitz, Kimberly Battle-Miller, and Ralph Vardis. Hope Children’s Hospital, Oak Lawn, IL.
- P3)        **Management of Hypertension Following Repair of Coarctation of the Aorta.** Nancy Halnon, Juan Alejos, and Thomas Klitzner. Mattel Children’s Hospital at UCLA, Los Angeles, CA.



- P4) **High Frequency Oscillatory Ventilation for Respiratory Failure after Bone Marrow Transplantation.** Stephen Percy, Joel Brochstein, and Bruce Friedman. Hackensack University Medical Center, Hackensack, NJ.
- P5) **Improved Oxygenation with Reduced Recirculation During Venovenous Extracorporeal Membrane Oxygenation (ECMO): Comparison of Two Catheters.** Khodayar Rais-Bahrami, Dawn Walton, Babatunde Onasanya, Jeffrey Sell, Oswaldo Rivera, Winslow Seale, Gerald Mikesell, and Billie Short. Children's National Medical Center; and The George Washington University School of Medicine, Washington, DC.
- P6) **Comparison of Aortic Doppler by Esophageal Doppler Monitor and Transthoracic Echocardiography in Infants and Children: Potential for Cardiac Output Trend Monitoring.** Mary Taylor, Shannon Hersey, Neal Patel, and John Brock. Vanderbilt University Medical Center, Nashville, TN.
- P7) **Serum Cleaved Tau Protein: A Marker of Meningitis Severity.** Jose Irazuzta<sup>1,2</sup>, Frank Zemlan<sup>3</sup>, and Gabrielle de Courten-Myers<sup>3</sup>. <sup>1</sup>Cincinnati Children's Hospital, Cincinnati, OH; <sup>2</sup>The Children's Medical Center, Dayton, OH; and <sup>3</sup>The University of Cincinnati, Cincinnati, OH.
- P8) **Use of Erythromycin for Post-pyloric Feeding Tube Placement: A Randomized, Double-blind, Placebo Controlled Trial.** Varsha Gharpure, Kathleen Meert, and Ashok Sarnaik. Children's Hospital of Michigan, Detroit, MI.
- P9) **Bioavailability of Simplified Oral Suspension of Lansoprazole in Critically Ill Pediatric Patients.** G.Kris Bysani, Jennifer DiGiancinto, James Graumlich, LW Scheibel, Adalberto Torres, Sergie Shushunov, Julie W Ehrley, and Helen Kastrissios. Children's Hospital of Illinois and University of Illinois at Peoria, Peoria, IL; and University of Illinois at Chicago, Chicago, IL.
- P10) **Outcomes for a Trach/Vent Program: A 23-year Experience.** Thomas Rice<sup>1</sup>, Stephanie Frisbee<sup>2</sup>, Carole Wegner<sup>3</sup>, Linda Stahovic<sup>2</sup>, and Ramesh Sachdeva<sup>1,2</sup>. <sup>1</sup>Medical College of Wisconsin; <sup>2</sup>Center for Outcomes Research and Quality Management, and <sup>3</sup>Tracheostomy and Home Ventilator Program, Children's Hospital of Wisconsin, Milwaukee, WI.
- P11) **The Trend in Corrected Serum Sodium During Therapy for Pediatric Diabetic Ketoacidosis: Lack of Association with Fluid and Sodium Intake.** John Baird, and Kathryn Skuza. UMDNJ, Newark, NJ.
- P12) **Transpyloric Feeding Tube Placement in Children With or Without the Use of Metoclopramide.** Shari Simone<sup>1</sup>, Sharon Irving<sup>1</sup>, Pam Longmore<sup>2</sup>, and John Straumanis<sup>1</sup>. <sup>1</sup>University of Maryland Hospital for Children, Baltimore, MD; and <sup>2</sup>Shenandoah Valley Medical System, Martinsburg, WV.
- P13) **The Diving Reflex and Multiorgan Dysfunction in Infants with Post Asphyxial Hypoxic Ischemic Encephalopathy.** Prakesh Shah, Shelley Riphagen, Joseph Beyene, and Max Perlman. Hospital for Sick Children, Toronto, Ontario, Canada.



- P14) **ECG-guided Insertion of Umbilical Venous Catheters in Neonatal Intensive Care: A Randomized Study.** Paolo Biban, Claudio Cavalli, Chiara Ghizzi, Simone Rugolotto, Massimo Soffiati, and Monica Benedetti. Major City Hospital, Verona, Italy.
- P15) **Correlation of Dynamic Assessment of Organ System Coupling with Tissue Perfusion in Pediatric Sepsis.** Brahm Goldstein<sup>1</sup>, Susanna Lai<sup>1</sup>, Susan Bratton<sup>1</sup>, Miles Ellenby<sup>1</sup>, Bruce McDonald<sup>2</sup>, Donald Krieger<sup>2</sup>, and Robert Scلابassi<sup>2</sup>; <sup>1</sup>Oregon Health Sciences University, Portland, OR; and <sup>2</sup>University of Pittsburgh Medical Center, Pittsburgh, PA.
- P16) **Cost-Effectiveness of Inhaled Nitric Oxide in Neonatal Respiratory Failure.** Gilles Clermont, Walter Linde-Zwirble, Derek Angus, Mark Roberts, Martin Griffin, and Reese Clark. University of Pittsburgh, Pittsburgh, PA; Health Process Management, Doylestown, PA; and Duke University, Durham, NC.
- P17) **RSV Hospitalization Charges for Infants not Prophylaxed and Prophylaxed with Palivizumab.** Albert Marchetti, Raf Magar, and Helen Lau. Physicians World Communications Group, Secaucus, NJ.

### JOINT SESSION with Cardiology and Emergency Medicine

Lakeside Center @ McCormick Place, Room E350

**Moderators:** Niranjan Kissoon, M.D., Thomas Klitzner, M.D., and Jeff Avner, M.D.

**10:15 am – 12:30 pm**      **New Pediatric Resuscitation Guidelines.** Vinay Nadkarni, MD\*, Dianne Atkins, MD, Robert Berg, MD, Michael Gerardi, MD, Arno Zaritsky, MD

**12:30 – 1:30 pm**      **Lunch & SOCC Business Meeting**

### ABSTRACT SESSION II

Lakeside Center @ McCormick Place, Room E253D

**Moderators:** Lynn Hernan, M.D., and David Jaimovich, M.D.

- 5)      1:30 pm      **Medical Professionals Continue to Perceive Comfort Care as a Viable Option for Infants Born with Hypoplastic Left Heart Syndrome.** Karen Bowman<sup>1</sup>, Atul Vats<sup>2</sup>, and Jean Wright<sup>2</sup>. <sup>1</sup>Emory University; and <sup>2</sup>Children's Healthcare of Atlanta at Egleston, Atlanta, GA.
- 6)      1:45 pm      **Intentional Acetaminophen Overdose among Children.** Khanh Nguyen, Ronald Perkin, Shamel Abd-Allah. Loma Linda University Children's Hospital, Loma Linda, CA.



7) 2:00 pm **Intraosseous Vascular Access in Pediatrics: Complications, Preventions and Contraindications.** Taj Khan, and Niranjan Kissoon. University of Florida Health Science Center, Jacksonville, FL.

8) 2:15 pm **Outcome of Surgical Management of Muscular Ventricular Septal Defects.** Mary Taylor, Yvonne Bernard, and Thomas Graham, Jr. Vanderbilt University Medical Center, Nashville, TN.

**2:30 – 3:00 pm Coffee Break and Poster Review**

9) 3:00 pm **Development of a Computerized Pediatric Database for Patients Admitted to the Pediatric Critical Care Unit (PCCU).** Kevin Churchwell, Cassie Calder, Kim Steanson, Nimesh Patel, Jayant Deshpande, and Neal Patel. Vanderbilt University School of Medicine, Nashville, TN.

10) 3:15 pm **Pediatric Sedation for Procedures is Titrated to a Desired Degree of Immobility with Unpredictable Depth of Sedation.** Sharon Dial, Mayer Sagy, and Peter Silver. Schneider Children's Hospital, North Shore-Long Island Health System, New Hyde Park, NY.

11) 3:30 pm **Home Enteral Nutrition: Indications and Complications.** Antonella Diamanti, Manuela Gambarara, Francesca Ferretti, Bronislava Papadatou, Barbara Iacobelli, Antonio Ponticelli, and Massimo Castro. Bambino Gesù Children Hospital, IRCCS, Roma, Italy.

12) 3:45 pm **Indications and Complications of Home Parenteral Nutrition.** Manuela Gambarara, Antonella Diamanti, Bronislava Papadatou, Francesca Ferretti, Antonio Ponticelli, Erminia Rupi, Fiammetta Bracci, and Massimo Castro. Bambino Gesù Children Hospital, IRCCS, Roma, Italy.

**4:00 – 4:30 pm Results of 1999 New Investigator Research Awards**

**4:30 – 5:00 pm Best Abstract Presentation**

**5:00 pm Adjourn**

### **Monday, October 30, 2000**

8:00 – 12:00 pm

Session # H304

Hilton & Towers, Continental C

### **PROGRAM PLENARY SESSION**

**Moderators:** Niranjan Kissoon, M.D., and Timothy Yeh, M.D.

**8:00 am – 12:00 pm Issues Relating to Acute Lung Injury.** Desmond Bohn, MD\*, Steve Abman, MD, John Arnold, MD, Douglas Willson, MD



## **International Museum of Surgical Science**

While in Chicago, visit the International Museum of Surgical Science, which is hidden inside an old four-story mansion along Lake Shore Drive (1524 North Lake Shore Drive, 312/642-6502, [www.imss.org](http://www.imss.org)). This vast building is dedicated to the macabre history of medical sciences. Covering over 4,000 years of surgery, this often overlooked museum is the only place in town where you'll find people staring at photographic exhibits of tumors as if they're looking at a Monet painting. In the Hall of the Immortals, a dozen eight-foot statues of great medical heroes, such as Hippocrates and Louis Pasteur, line the room. You'll stumble upon a re-creation of a turn-of-the-century doctor's office, with shelves of rare medical tomes and even postoperative skulls behind glass. Throughout the museum, there's a plethora of tools of the trade: tooth pliers, prongs, probes, squeezers, calipers, and tweezers. The suggested donation is \$5 for adults, \$3 for kids and seniors.

## **Navy Pier**

Navy Pier stretches 3,000 feet out into Lake Michigan. Take a half-mile stroll out to the end to take in some great views of the city and feel the wind off the lake, or check out the many events happening at this popular tourist attraction. Locals enjoy it too.

## **The Sears Tower**

The Sears Tower in Chicago is the tallest building in North America and one of the highest in the world. It soars to 1,454 feet high, with 110 stories. It competes with the Petronas Towers in Malaysia for the title of "Tallest Building in the World," depending on whether it is measured to the architectural top, or the top of the antenna.

## **The Shedd Aquarium**

The Shedd Aquarium's exhibits convey the full scope and complexity of environmental habitats and conservation issues. Naturalistic, experiential exhibits immerse guests in an ecosystem, providing a sense of place where animals live.

## **The Field Museum of Natural History**

With its extensive permanent collection of biological and geological specimens and cultural objects, the Field (for Marshall Field) Museum of Natural History makes a wonderful family outing and is favorite field trip for school children of all ages.

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