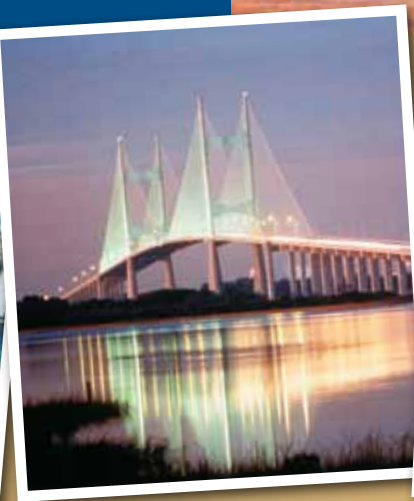
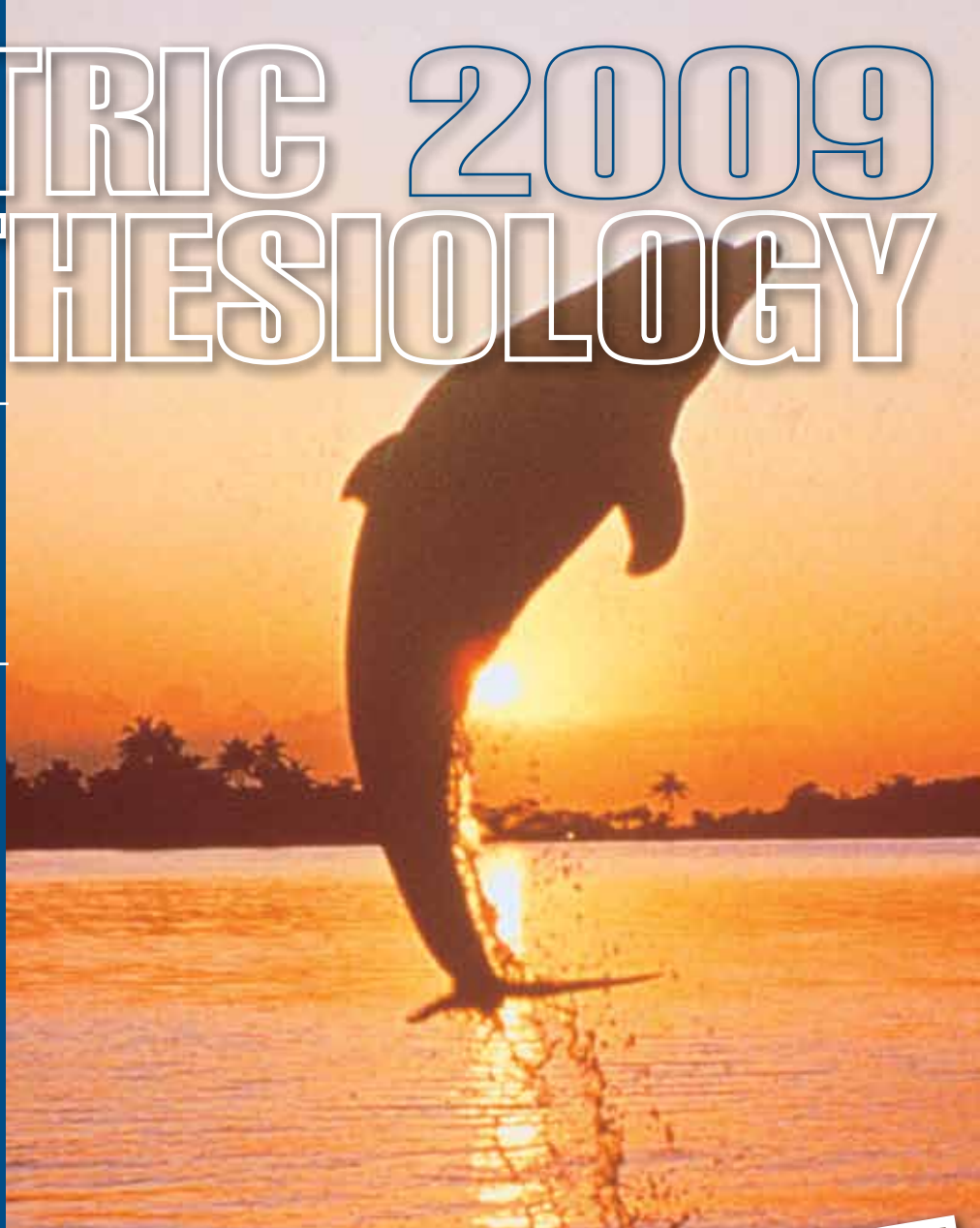


# PEDIATRIC 2009 ANESTHESIOLOGY

A meeting co-sponsored by  
the Society for Pediatric Anesthesia and the  
American Academy of Pediatrics  
Section on Anesthesiology and Pain Medicine



American Academy  
of Pediatrics



March 19-22, 2009 at The Hyatt Regency Riverfront

# JACKSONVILLE, FLORIDA

# WELCOME TO PEDIATRIC ANESTHESIOLOGY 2009



**Linda J. Mason, MD**

*Winter Meeting Program Chair*

This year's Pediatric Anesthesiology 2009 Meeting will be held in conjunction with the American Academy of Pediatrics Section on Anesthesiology & Pain Medicine, March 19-22, 2009 at the Hyatt Regency Jacksonville, Florida.

This beautiful location will allow a combination of the presentation of stimulating educational information and the opportunity to interact with colleagues in a relaxing environment.

As the Program Chair I am excited with how the program has evolved. On behalf of myself, Assistant Program Chairs Mary Ellen McCann (Refresher Courses and Workshops) and Julie Niezgoda (PBLD coordinator) we welcome you for a meeting filled with innovative topics and knowledgeable speakers.

The 2009 meeting has many highlights and offerings including:

- Thursday will feature meetings of the Congenital Cardiac Anesthesia Society (CCAS) and the Special Interest Group on Pediatric Pain Management. Registration for both of these meetings is separate but forms are included in this brochure.
- Friday's topics include "Controversies in Pediatric Anesthesia: Where Are We Now with Brain Function Monitoring?" and "Clinical Perspectives in Anesthetic Toxicity." The next session, "Emerging Technologies and Techniques," will include new modes of mechanical ventilation for children and uses of cardiac support devices outside the OR. The final session of the morning will be "New Drugs on the Horizon for Pediatric Anesthesia." Following the morning session will be lunch including the AAP advocacy lecture entitled "Ethical Issues in Pediatric Research on Anesthetic Agents," presented by Robert "Skip" Nelson, M.D., Ph.D., Pediatric Ethicist, Office of Pediatric Therapeutics, Office of the Commissioner Food and Drug Administration.
- On Saturday we will be repeating a morning session called, "The Pediatric Core." This year the core topic will be devoted to pulmonary diseases. The session is intended to provide an update on what is new and relevant in the management of pulmonary problems.
- Sunday will begin with a lecture from Deborah Schwinn, Chair of Anesthesiology at University of Washington, entitled "Perioperative Genomics: Defining the Vulnerable Pediatric Patient." The lecture is sponsored by SonoSite and will be followed by a review of the past years' significant articles by the editors from *Pediatric Anesthesia*, *Anesthesia and Analgesia*, and *Anesthesiology* and a new session, "What a Reviewer and Editor Each Want to See in a Manuscript."

In addition, there are many new workshops and some truly excellent refresher courses as well as many of the old favorites such as Jeopardy, Walk around Posters, and the Problem Based Learning Discussions on Saturday and Sunday mornings. As I complete my service as Program Chair, I would like to say thanks to all those that have helped to assemble this meeting especially the Education Committee, the SPA Board Members, and the Staff of the SPA office. Finally a huge thanks to Mary Ellen McCann and Julie Niezgoda – I couldn't have done this without their help and great ideas!

I hope you enjoy the meeting.

# MEETING INFORMATION

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## Education Mission Statement

The annual Winter Meeting will focus on topics of interest to those who provide anesthesia, sedation, pain management, and critical care services to infants and children. The overall goals for attendees of the program are to reinforce and enhance their existing fund of knowledge, and to introduce them to new and state-of-the-art issues that affect their practice in order to improve the perioperative/critical care of pediatric patients.

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## Scope & Types of Activities

The program brings together experts from clinical and basic science disciplines related to pediatric medicine, anesthesia, and surgery.

General topic areas include anatomy, pathophysiology, anesthetic pharmacology, sedation, pain management, patient safety, and child advocacy issues. We will also discuss practice and career management issues. The presentation format is varied, and includes lectures and refresher courses, panel discussions, hands-on workshops and problem-based learning discussions. Additionally, an important part of the program is the presentation of new clinical and basic science research in oral and moderated poster-discussion forums. Significant attendee involvement and feedback are encouraged in all aspects of the program, and will be facilitated by the use of real time computerized audience polling as well as sessions where the audience directly participates in case discussions. Program content is, in fact, the direct result of membership input and extensive audience polling at prior meetings.

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## Target Audience

This program is intended for anesthesiologists and other practitioners who care for children in their practice of anesthesiology and/or critical care. It is also intended for clinical and basic science researchers whose areas of investigation relate to pediatric anesthesia.

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## Accreditation & Designation

**SPA/AAP Program:** The Society for Pediatric Anesthesia is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Society for Pediatric Anesthesia designates this educational activity for a maximum of 19 AMA PRA Category 1 Credit(s)<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

**CCAS Program:** The Society for Pediatric Anesthesia is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. The Society for Pediatric Anesthesia designates this educational activity for a maximum of 8.25 AMA PRA Category 1 Credit(s)<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

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## Americans With Disabilities Act

The Society for Pediatric Anesthesia has fully complied with the legal requirements of the ADA and the rules and regulations thereof. If any participant in this educational activity is in need of accommodations, please contact SPA at (804) 282-9780 by March 1, 2009 in order to receive service.

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## Hotel and City Information

The Hyatt Regency Jacksonville Riverfront is located in the heart of the downtown business, entertainment and sports district, adjacent to the Jacksonville Landing and the Times-Union Center for the Performing Arts, and within minutes of Jacksonville beaches and shopping.

An ideal fit for leisure or business travelers, the hotel offers 966 newly-renovated guestrooms, 110,000 sq. ft. of meeting and event space, five dining and lounge options, a 24-hour fitness center and much more. Experience the best of Jacksonville hotels at Hyatt Regency Jacksonville Riverfront. Jacksonville bills itself as “America’s Health Center”, and the city is gaining prominence as one of the top health and medical destinations in the country. The area is home to more than 10 medical facilities providing highly-specialized services and technology. With a number of local businesses associated within the medical industry and the region’s first-rate meeting facilities, the city is attracting more medical meetings and conventions for associations and drug manufacturers.

Jacksonville has something to offer everyone. From miles of uncrowded beaches to ecological and nature based excursions, world-class golf courses and unique shopping and dining, you’re sure to find just what you’re looking for in a vacation destination!

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# CCAS PROGRAM

**THURSDAY, March 19, 2009**



- 6:45-7:30 am **Registration and Continental Breakfast**
- 7:30-7:40 am **Welcome Address**  
Chandra Ramamoorthy, MBBS, FRCM CCAS President
- 7:40-7:45 am **Outline of Educational Program**  
Emad B. Mossad, MD Program Director

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## 7:45-9:15 am **SESSION I: HEART FAILURE/TRANSPLANT**

*Moderator: Emad B. Mossad, MD*

- 7:45-8:10 am **Cardiomyopathy in Children**  
Jeffrey Towbin, MD
- 8:10-8:35 am **MILLION DOLLAR BABY: Ventricular Assist Devices**  
David Michael McMullan, MD
- 8:35-9:00 am **Pediatric Heart Transplant Trends and Outcomes**  
Barry D. Kussman, MBBCh, FFA(SA)
- 9:00-9:15 am **Questions & Answers**
- 9:15-9:30 am **Coffee break**

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## 9:30-11:00 am **SESSION II: COAGULATION/BLOOD TRANSFUSION**

*Moderator: Suanne M. Daves, MD*

- 9:30-9:55 am **Monitoring Coagulation in the Pediatric Cardiac OR/ICU**  
Nina A. Guzzetta, MD
- 9:55-10:20 am **Transfusion Dilemmas in Pediatric Cardiac Surgery**  
Patricia Massicotte, MSc, MD, FRCPC, MHSc
- 10:20-10:45 am **Life After Aprotinin**  
Michael Eaton, MD
- 10:45-11:00 am **Questions & Answers**
- 11:00-11:15 am **Coffee break**

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## 11:15 am-12:15 pm **SESSION III: HYBRID ANESTHESIA-MYTH & REALITY**

*Moderator: James A. DiNardo, MD*

*Speakers: Helen Holtby, MBBS, FRCP(C); Pablo Motta, MD; Peter D. Winch, MD*

- 12:15-12:30 pm **Question & Answers**
- 12:30-1:30 pm **Lunch**

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## 1:30-2:15 pm **SESSION IV: WHO SHOULD PROVIDE SEDATION/ANESTHESIA FOR PATIENTS UNDERGOING CARDIAC CATHETERIZATION?**

*Moderator: Chandra Ramamorthy, MBBS, FRCM*

*Speakers: Cardiac — Laura K. Diaz, MD; General — Ian James, MB, ChB, FRCM; None (or the cardiologist) — Glyn D. Williams, MB, ChB, FRCA*

- 2:15-2:30 pm **Mid-afternoon break**

# CCAS PROGRAM

## 2:30-3:30 pm SESSION V: ELECTROPHYSIOLOGY UPDATE

Moderator: Philip D. Arnold, MD

### 2:30-3:00 pm Common Acute Postoperative Arrhythmias and their Management

Naomi Kertez, MD

### 3:00-3:30 pm Arrhythmia Workshop (2 rooms)

Facilitators: Anthony J. Clapcich, MD and Maria M. Zestos, MD

## 3:30-5:00 pm SESSION VI: WORKSHOP ON TRANSESOPHAGEAL ECHOCARDIOGRAPHY IN CHILDREN:

Moderator: Wanda C. Miller-Hance, MD

### 3:30-3:50 pm Overview of the Basic TEE Exam in Patients with CHD

Wanda C. Miller-Hance, MD

### 3:50-5:00 pm TEE Workshop (3 stations)

Facilitators: Greg Stratmann, MD, Wanda C. Miller-Hance, MD, Komal Kamra, MD

# CCAS PROGRAM REGISTRATION

If paying by check, please make checks payable to **SPA** and mail to:  
2209 Dickens Road, Richmond, VA 23230-2005; Phone: (804) 282-9780; Fax: (804) 282-0090

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Office Phone \_\_\_\_\_ Home Phone \_\_\_\_\_ Fax # \_\_\_\_\_

Accompanying Person(s) Name(s) \_\_\_\_\_

	Through 2/20/09	After 2/20/09
<input type="checkbox"/> CCAS Member	\$150	\$200
<input type="checkbox"/> CCAS Non-Member	\$225	\$275

**If applying for Membership, please complete Membership Application (At the back of this brochure), and send with this Registration Form to:**

**CCAS, 2209 Dickens Road, Richmond, VA 23230-2005** (Credit Card payments may be faxed to 804-282-0090.)

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Please note that if you choose to pay by credit card, your statement will reflect a payment to the Society for Pediatric Anesthesia.

Refund Policy: For Workshops, Scientific Meeting and PBLD's, a full refund through 2/20/2009; 50% refund from 2/21 - 3/3/2009; no refunds after 3/3/2009. Refund will be determined by date **written** cancellation is received.

**IF YOU DO NOT RECEIVE A CONFIRMATION LETTER FROM THE CCAS WITHIN 30 DAYS OF SUBMITTING YOUR REGISTRATION, PLEASE CALL/EMAIL THE OFFICE TO CONFIRM THAT YOUR REGISTRATION MATERIAL HAS BEEN RECEIVED.**

# Special Interest Group in Pediatric Pain Management

*Thursday, March 19, 2009*

- 2:00-2:30 pm**    **Peri-Operative Analgesia Update**  
David M. Polaner, MD, FAAP
- 2:30-2:40 pm**    **Q&A**
- 2:40-3:10 pm**    **Integrating Regional Anesthesia in Pediatric Anesthesia Practice**  
Santhanam Suresh, MD, FAAP
- 3:10-3:20 pm**    **Q&A**
- 3:20-3:40 pm**    **Anesthetic Considerations for the Chronic Pain Patient**  
Steven J. Weisman, MD
- 3:40 -3:50 pm**    **Q&A**
- 3:50-4:00 pm**    **Break**
- 4:00-5:00 pm**    **Future Directions in Pain Management and the SIGPPM**  
Rita Agarwal, MD, FAAP; Sabine Kost-Byerly, MD

## SPA/AAP PROGRAM

### FRIDAY, March 20, 2009

- 6:30 am-6:00 pm**    **Registration**
- 6:30-7:00 am**    **Continental Breakfast**
- 7:30-7:45am**    **Welcome Messages**  
Linda J. Mason, MD, Joseph P. Cravero, MD; Joseph R. Tobin, MD, FAAP, FCCM

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### CONTROVERSIES IN PEDIATRIC ANESTHESIA

*Moderator – Sulpicio G. Soriano, III, MD, FAAP*

- 7:45-8:15 am**    **Brain Function Monitoring in the Pediatric Patient –Where are We Now?**  
Carolyn E. Bannister, MD
- 8:15-8:45 am**    **Clinical Perspectives in Anesthetic Toxicity**  
Randall P. Flick, MD, MPH, FAAP
- 8:45-9:00 am**    **Discussion**

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### EMERGING TECHNOLOGIES AND TECHNIQUES FOR PEDIATRIC PATIENTS

*Moderator – Lynne Gerson Maxwell, MD, FAAP*

- 9:00-9:30 am**    **New Modes of Mechanical Ventilation for Children**  
John H. Arnold, MD
- 9:30-10:00 am**    **Uses of Cardiac Support Outside the OR**  
Ivor D. Berkowitz, MD
- 10:00-10:10 am**    **Discussion**
- 10:10-10:30 am**    **Break with Exhibitors and Posters**



# SPA/AAP PROGRAM

## NEW DRUGS ON THE HORIZON FOR PEDIATRIC ANESTHESIA

Moderator – *Santhanam Suresh, MD, FAAP*

<b>10:30-10:50 am</b>	<b>Intravenous Acetaminophen</b> Gregory B. Hammer, MD
<b>10:50-11:10 am</b>	<b>Factor rVIIa</b> Nina A. Guzzetta, MD
<b>11:10-11:30 am</b>	<b>Sugammadex</b> Jayant K. Deshpande, MD
<b>11:30-11:50 am</b>	<b>Methylnaltrexone</b> Constance Monitto, MD
<b>11:50 am-12:10 pm</b>	<b>Discussion</b>
<hr/>	
<b>12:10-12:30 pm</b>	<b>Break with Exhibitors and Posters</b>
<b>12:30-1:30 pm</b>	<b>AAP Advocacy Lunch</b> Moderator – Joseph P. Cravero, MD Ethical Issues in Pediatric Research on Anesthetic Agents Robert “Skip” Nelson, MD, PhD Pediatric Ethicist, Office of Pediatric Therapeutics, Office of the Commissioner, Food and Drug Administration
<b>1:15-3:30 pm</b>	<b>Fellows Research Workshop</b> Allan R. Tait, PhD
<b>1:15-3:30 pm</b>	<b>Junior Faculty Workshop – Success in Academics</b> Samuel David Yanofsky, MD, MSEd – Coordinator; Franklyn P. Cladis, MD; Ira Todd Cohen, MD; Divya Dixit, MD; Julie G. Nyquist, PhD; Joseph R. Tobin, MD, FAAP, FCCM; Mary Lou Voytko, PhD
<b>1:30-2:30 pm</b>	<b>Refresher Course</b> Pediatric Neuroanesthesia Principles and Update Sulpicio G. Soriano, III, MD, FAAP
<b>2:30-3:30 pm</b>	<b>Refresher Course</b> Management of Preoperative Anxiety in Children Zeev N. Kain, MD, MBA
<b>3:30-4:00 pm</b>	<b>Break with Exhibitors and Posters</b>
<b>4:00-5:30 pm</b>	<b>Jeopardy</b> Francis X. McGowan, Jr., MD
<b>4:00-6:00 pm</b>	<b>Workshops (By Ticket Only)</b>
<b>6:00-7:00 pm</b>	<b>Wine and Cheese Reception with Exhibitors</b>

### ADVANCE REGISTRATION REQUIRED

The following two workshops are being held from 1:15-3:30 pm.  
Please sign up for your choice using the registration form.

Fellows Research Workshop

Junior Faculty Workshop –  
Success in Academics

## SATURDAY, March 21, 2009

<b>6:30-8:00 am</b>	<b>PBLDs</b> (Please see page 11 for details and registration)
<b>7:15-8:00 am</b>	<b>Continental Breakfast with Exhibitors and Posters</b>
<b>8:00-9:30 am</b>	<b>Pulmonary Core</b> Moderator – Mary Ellen McCann, MD, MPH
<b>8:00-8:30 am</b>	<b>Cystic Fibrosis</b> Walter Robinson, MD, MPH
<b>8:30-9:00 am</b>	<b>Asthma</b> Gerhard Wolf, MD

# SPA/AAP PROGRAM

- 9:00-9:30 am Pulmonary Hypertension**  
Brian Hanna, MD
- 9:30-10:00 am Break with Exhibitors and Posters**
- 10:00-10:45 am Abstract Award Presentation**
- 10:45-11:00 am Discussion**
- 11:00 am-12:30 pm Walk Around Poster Discussion**
- 12:30-1:30pm AAP Business Meeting/Ask the Experts Panel**  
Anesthesia for Patients with Pulmonary Disease - A Case Based Discussion  
Moderator – Constance S. Houck, MD  
Eugene B. Freid, MD, FAAP, FCCM; Stephen Robert Hays, MD, FAAP; Kevin J. Sullivan, MD
- 1:30-2:30 pm Refresher Course**  
Craniofacial Abnormalities: An Overview for the Pediatric Anesthesiologist  
Lisa Wise-Faberowski, MD
- 2:30-3:30 pm Refresher Course**  
Anesthesia for Pediatric Spine Surgery  
Inge Falk van Rooyen, MB, ChB, FRCA
- 1:30-3:30 pm Workshops (By Ticket Only)**

## Sunday, March 22, 2009

- 6:30-8:00 am PBLDs** (Please see page 11 for details and registration)
- 7:15-8:00 am Continental Breakfast**
- 8:00-8:40 am Perioperative Genomics: Defining the Vulnerable Pediatric Patient** - Deborah A. Schwinn, MD  
Moderator – Linda J. Mason, MD

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## 2008's BEST EDITORS PICK

*Moderator – Charles J. Coté, MD, FAAP*

- 8:40-9:00 am What a Reviewer Wants to See in a Manuscript**  
Peter J. Davis, MD
- 9:00-9:20 am What an Editor Wants to See in a Manuscript**  
Peter J. Davis, MD
- 9:20-9:40 am *Anesthesia and Analgesia***  
Peter J. Davis, MD
- 9:40-10:00 am *Anesthesiology***  
Zeev N. Kain, MD, MBA
- 10:00-10:20 am *Pediatric Anesthesia***  
Robert H. Friesen, MD
- 10:20-10:40 am Moderator's Pick**
- 10:40-11:00 am Discussion and Questions/Audience Response/Meeting Feedback**  
Linda J. Mason, MD
- 11:00 am Adjournment**

# PROBLEM-BASED LEARNING DISCUSSIONS

**SATURDAY MARCH 21, 2009 • 6:30 - 8:00 am • Please choose one for Saturday • 1.5 additional CME credits**

CHOICE	TABLE	TITLE/FACULTY	FEE
<b>SOLD OUT</b>		Anesthetic Management of the Newborn with Hypoplastic Left Heart Syndrome and Intact Atrial Septum (HLHSIS)   Mark D. Twite, MB, BChir; Robert H. Friesen, MD	\$25
<input type="checkbox"/>	2	Anesthesia and the Pediatric Patient with Bipolar Disorder   Tracey Danloff, MD	\$25
<b>SOLD OUT</b>		Perioperative Management of Penetrating Trauma in Children   James W. McLane, MS, MD; Bruce Taylor, MD	\$25
<b>SOLD OUT</b>		A Child with Muscular Dystrophy for Major Spine Surgery: What Can Go Wrong?   Mohamed A. Mahmoud, MD; Paul J. Samuels, MD	\$25
<input type="checkbox"/>	5	Is That Caudal Catheter in the Belly?   Andreas H. Taenzer, MD, FAAP; Joseph P. Cravero, MD, FAAP	\$25
<input type="checkbox"/>	6	Anesthesia and the Child with Mastocytosis   Norma J. Klein, MD; Shad Misseldine, MD	\$25
<input type="checkbox"/>	7	Anesthesia at High Altitude   Paul G. Firth, MB, ChB; Thomas M. Romanelli, MD	\$25
<input type="checkbox"/>	8	A Fifteen Year Old Male with a Chronic Bronchial Foreign Body   Bryan Harris, MD; Gerald A. Bushman, MD	\$25
<input type="checkbox"/>	9	A 12 Year-Old with Recessive Dystrophic Epidermolysis Bullosa (EB) Presents for Dental Rehabilitation and Dilatation of Esophageal Strictures   Eric Wittkugel, MD, Kenneth R. Goldschneider, MD, FAAP	\$25
<b>SOLD OUT</b>		Intraoperative Pulmonary Embolism in the Pediatric Patient   Holly Richter, MD, PhD; Rachel Cambray, MD	\$25
<input type="checkbox"/>	11	Delayed Awakening after Laparoscopic Pyloromyotomy   Shu-Ming Wang, MD; Inna Maranets, MD	\$25
<input type="checkbox"/>	12	Posterior Spinal Fusion Complicated by Malignant Hyperthermia   Daniel R.C. Nieva, MD; Irene T. Opai-Tetteh, MB, ChB, FRCA	\$25
<input type="checkbox"/>	13	Mentoring High School Students in the OR: Opportunity or Liability?   Nancy L. Glass, MD, MBA, FAAP; Laura Torres, MD	\$25
<b>SOLD OUT</b>		Intra-operative Bronchopleural Fistula During Thoracoscopic Lobectomy: Role of End Tidal CO2 Monitoring   Olubukola O. Nafiu, MD, FRCA; Janet Lin, MD	\$25
<b>SOLD OUT</b>		Pulmonary Hypertensive Crisis in an Obese Uncooperative Teen with OSA, Eisenmenger's and Bleeding Polyp   Susan T. Verghese, MD; Songyos Valairucha, MD	\$25
<b>SOLD OUT</b>		A Laparoscopic Challenge for the Neonate and the Anesthesiologist   Amanda K. Brown, MD; Leonardo Gendzel, MD	\$25

**SUNDAY, MARCH 22, 2009 • 6:30 - 8:00 am • Please choose one for Sunday • 1.5 additional CME credits**

<input type="checkbox"/>	17	V-Fib in a Child with Hypertrophic Cardiomyopathy   Leila Reduque, MD, Susan T. Verghese, MD	\$25
<input type="checkbox"/>	18	Management of the Pediatric Patient with Maxillofacial Trauma and an Implantable Cardioverter-Defibrillator (ICD)   David Allan Young, MD, FAAP; Peter Anthony Chin, MBBS	\$25
<b>SOLD OUT</b>		A One Year-Old with a Failed Kasai Procedure, Acute Renal Failure and Portal Vein Thrombosis Listed for Liver Transplantation   Ira Landsman, MD; Christopher Karsanac, MD	\$25
<input type="checkbox"/>	20	Epidural Blood Patch in a Pediatric HIV+ Patient?   Rosalie Tassone, MD, MPH; R. Scott Dingeman, MD	\$25
<input type="checkbox"/>	21	Autistic Ex-Premie with Pulmonary Hypertension   Laura K. Diaz, MD, Aruna Nathan, MBBS	\$25
<b>SOLD OUT</b>		Lactic Acidosis in a Two Year-Old with Mitochondrial Complex III Deficiency...Is Propofol to Blame?   Peggy P. Dietrich, MD; Ann G. Bailey, MD	\$25
<b>SOLD OUT</b>		A Fontan with an Airway Foreign Body   Laura A. Hastings, MD, FAAP; Gerald A. Bushman, MD	\$25
<b>SOLD OUT</b>		Is Your OR Team Ready to Handle a Cardiac Arrest during a Simple Case?   Carlos Javier Campos Lopez, MD; Katherine Campbell, MD	\$25
<input type="checkbox"/>	25	Management of the Post-Tonsillectomy Bleed in a Patient with Malignant Hyperthermia and Hemophilia Trait   Lori A. Aronson, MD, FAAP; Elizabeth Hein, MD	\$25
<b>SOLD OUT</b>		Thoracic Trauma in Pediatrics: Adventures in Intraoperative Management and Ventilation   Todd J. Kilbaugh, MD; John J. McCloskey, MD	\$25
<input type="checkbox"/>	27	Anesthetic Management of a Jehovah's Witness with Pyloric Stenosis   Lina Kulkarni, MD; Shailesh R. Shah, MD	\$25
<input type="checkbox"/>	28	Managing Withdrawal in a Baby with Apnea and Renal Hypertension   Jennifer Lee, MD; Sabine Kost-Byerly, MD	\$25
<input type="checkbox"/>	29	Anesthesia for Moyamoya Disease in a Sickle Cell Patient   Tae W. Kim, MD; FAAP, Paul G. Firth, MB, BCh	\$25
<input type="checkbox"/>	30	A 3 Year Old with Urticaria Pigmentosa: What a Challenge!   Priti G. Dalal, MBBS, MD, FRCA; Uma R. Parekh, MBBS	\$25
<input type="checkbox"/>	31	Cardiovascular Collapse after Repositioning in the Operative Room   Elizabeth Demers Lavelle, MD; Rami E. Karroum, MD	\$25
<input type="checkbox"/>	32	Pediatric Airway Fire   Ihab Ayad, MD; Swati N. Patel, MD	\$25

*If your selection(s) have been sold out, you will receive notification from the SPA offers presenting you with options. TOTAL DUE: \$\_\_\_\_\_*

Name \_\_\_\_\_

(print)

Please submit with Pediatric Anesthesiology  
2009 Scientific Registration  
form on page 13.

# WORKSHOPS & REFRESHER COURSES

## FRIDAY MARCH 20, 2009

CHOICE	TIME	TITLE	FEE
<input type="checkbox"/>	1:15 - 3:30 pm	<b>Fellows Research Workshop</b>   Allan R. Tait, PhD	N/C
<input type="checkbox"/>		<b>Junior Faculty Workshop – Success in Academics</b>   Samuel David Yanofsky, MD, MEd – Coordinator; Franklyn P. Cladis, MD; Ira Todd Cohen, MD; Divya Dixit, MD; Julie G. Nyquist, PhD; Joseph R. Tobin, MD, FAAP, FCCM; Mary Lou Voytko, PhD	N/C
<input type="checkbox"/>	4:00 - 6:00 pm	<b>Epidural Placement in Children, Infants and Neonates</b>   Christine D. Greco, MD, FAAP - Coordinator; Jeffrey L. Koh, MD; Benjamin H. Lee, MD, MPH; Navil F. Sethna, MB, ChB	\$50
<input type="checkbox"/>		<b>Peripheral Nerve Block</b>   Santhanam Suresh, MD, FAAP – Coordinator; Edward Rivera Mariano, MD; Jeffrey Steinfeldt, MD; Andreas H. Taenzer, MD, FAAP	\$50
<input type="checkbox"/>		<b>New Devices and New Approaches to the Pediatric Airway</b>   David M. Polaner, MD, FAAP – Coordinator; Jeffrey L. Galinkin, MD, FAAP; Cheryl K. Gooden, MD, FAAP; Geoffrey A. Lane, MB, BCh; Bruno Marciniak, MD; Peter Szmuk, MD	\$50
<input type="checkbox"/>		<b>Dexmedetomidine: Clinical Applications and Limitations</b>   Keira P. Mason, MD – Coordinator; Julia C. Finkel, MD; Gregory B. Hammer, MD; Constantinos Chrysostomou, MD, FAAP	\$50
<input type="checkbox"/>		<b>Techniques for Difficult Peripheral Access</b>   Gregory J. Schears, MD – Coordinator; Darryl H. Berkowitz, MB, BCh; Dawit T. Haile, MD; Scott D. Markowitz, MD; Luis M. Zabala, MD	\$50
<input type="checkbox"/>		<b>Practical Approaches to Quality Improvement in Anesthesia</b>   Donald C. Tyler, MD, MBA – Coordinator; Sean Flack, MB, ChB, FRCA; Anna Mary Varughese, MD, MPH; Ari Y. Weintraub, MD	\$50
<input type="checkbox"/>		<b>Overview of Personal Financial Planning, 2009</b>   Jonathan D. Griswold, MD	\$50

### REFRESHER COURSES

	1:30 - 2:30 pm	<b>Pediatric Neuroanesthesia Principles and Update</b>   Bruno Bissonnette, MD	N/C
	2:30 - 3:30 pm	<b>Management of Preoperative Anxiety in Children</b>   Zeev N. Kain, MD, MBA	N/C

## SATURDAY MARCH 21, 2009

<input type="checkbox"/>	1:30 - 3:30 pm	<b>Epidural Analgesia for Children</b>   John B. Rose, MD, FAAP – Coordinator; Julia C. Finkel, MD; Kenneth R. Goldschneider, MD, FAAP; F. Wickham Kraemer, III, MD	\$50
<input type="checkbox"/>		<b>Advanced Ultrasound-Guided Regional Workshop</b>   Santhanam Suresh, MD, FAAP – Coordinator; Edward Rivera Mariano, MD; Jeffrey Steinfeldt, MD; Andreas H. Taenzer, MD, FAAP	\$50
<input type="checkbox"/>		<b>Using Ultrasound Guidance to Obtain Vascular Access in Neonates and Children</b>   Stuart R. Hall, MD – Coordinator; Erin A. Gottlieb, MD; Courtney A. Hardy, MD; Tetsu Uejima, MD	\$50
<input type="checkbox"/>		<b>Integrating Acupuncture in Pediatric Peri-Operative Care and Pain Medicine</b>   Yuan-Chi Lin, MD – Coordinator; Brenda Golianu, MD; Rosalie Tassone, MD; Shu-Ming Wang, MD	\$50
<input type="checkbox"/>	1:30 - 4:30 pm	<b>Simulation in Pediatric Anesthesia (3 HOURS)</b>   Anita Honkanen, MD – Coordinator; Richard H. Blum, MD, MSE, FAAP; Michael I. Chen, MD; Rebecca E. Claire, MD; Harshad G. Gurnaney, MD; Aruna Nathan, MBBS; Andreas T. Navedo-Rivera, MD; Radhamangalam J. Ramamurthi, MD, FRCA; Sharon L. Redd, MD; Ellen Wang, MD	\$50
<input type="checkbox"/>	1:30 - 4:30 pm	<b>Teaching the Advanced ACGME Competencies (3 HOURS)</b>   Samuel David Yanofsky, MD, MEd – Coordinator; Ira Todd Cohen, MD; Barry Markovitz, MD, MPH; William B. McIlvaine, MD, CM, FRCPC; Julie G. Nyquist, PhD; Niurka Rivero, MD; Randall C. Wetzell, MBBS, FAAP	\$50

### REFRESHER COURSES

	1:30 - 2:30 pm	<b>Craniofacial Abnormalities: An Overview for the Pediatric Anesthesiologist</b>   Lisa Wise-Faberowski, MD	N/C
	2:30 - 3:30 pm	<b>Anesthesia for Pediatric Spine Surgery</b>   Inge Falk van Rooyen, MB, ChB, FRCA	N/C

TOTAL DUE: \$ \_\_\_\_\_

Name \_\_\_\_\_

(print)

Please submit with Pediatric Anesthesiology  
2009 Scientific Registration  
form on page 13.



# SCIENTIFIC PROGRAM REGISTRATION

## PEDIATRIC ANESTHESIOLOGY 2009

March 19-22, 2009 at The Hyatt Regency Riverfront • Jacksonville, FL



If paying by check, please make checks payable to **SPA** and mail to:  
2209 Dickens Road, Richmond, VA 23230-2005; Phone: (804) 282-9780; Fax: (804) 282-0090

PLEASE PRINT OR TYPE

Name \_\_\_\_\_  
Last First MI

Preferred Mailing Address \_\_\_\_\_

City / State / Zip \_\_\_\_\_ Email Address \_\_\_\_\_

Office Phone \_\_\_\_\_ Home Phone \_\_\_\_\_ Fax # \_\_\_\_\_

Accompanying Person(s) Name(s) \_\_\_\_\_

	Through 2/20/2009	After 2/20/2009	
<input type="checkbox"/> SPA/AAP Section on Anesthesiology Member	\$425	\$525	= \$ _____
<input type="checkbox"/> Non-Member - US & Canada	\$625	\$700	= \$ _____
<input type="checkbox"/> Non-Member - International	\$425	\$525	= \$ _____
<input type="checkbox"/> Resident/Fellow Member*	\$160	\$185	= \$ _____
<input type="checkbox"/> Resident/Fellow* (Non-Member)	\$200	\$225	= \$ _____
<input type="checkbox"/> Allied Health	\$225	\$250	= \$ _____
<input type="checkbox"/> Nurse Anesthetist	\$225	\$250	= \$ _____
<input type="checkbox"/> Special Interest Group in Pediatric Pain Management	N/C	N/C	= \$ _____
<input type="checkbox"/> Workshops ( <i>Please enter the total amount from page 12, and return that page with your selections.</i> )			= \$ _____
<input type="checkbox"/> PBL Discussions ( <i>Please enter the total amount from page 11, and return that page with your selections.</i> )			= \$ _____
<input type="checkbox"/> I'll attend the Thursday Welcome Reception	No Charge	MUST BE A SPA REGISTRANT TO ATTEND	No Charge
<input type="checkbox"/> Accompanying Person(s) # _____ @	\$35	\$50	= \$ _____
<input type="checkbox"/> SPA Educational/Research Fund Donation <sup>‡</sup> (\$50 is suggested)			= \$ _____
		<b>Meeting Total:</b>	= \$ _____

Accompanying Person Fee includes: Entrance to Exhibit Hall, Welcome Reception, Continental Breakfasts and Wine & Cheese Reception.

<sup>‡</sup>The SPA is a 501(c) 3 organization and your donations are tax deductible as allowed by law. All voluntary contributions will be acknowledged.

\*When accompanied by a letter from Department Chairperson, verifying Resident/Fellow status.

I wish to receive membership information for:  SPA  CCAS  
 How did you hear about the meeting?  Website  Printed Program  Postcard Mailing  
 Word of mouth  ASA Calendar of Meetings  Other \_\_\_\_\_

**If applying for Membership, please complete Membership Application, and send with this Registration Form to:**

**SPA, 2209 Dickens Road, Richmond, VA 23230-2005** (Credit Card payments may be faxed to 804-282-0090.)

Personal Check  VISA  MasterCard  American Express  Discover

Card No \_\_\_\_\_ Exp. Date \_\_\_\_\_

Signature \_\_\_\_\_ Printed Name on Card \_\_\_\_\_

Refund Policy: For Workshops, Scientific Meeting and PBLD's, a full refund through 2/20/2009; 50% refund from 2/21 - 3/3/2009; no refunds after 3/3/2009. Refund will be determined by date **written** cancellation is received.

**IF YOU DO NOT RECEIVE A CONFIRMATION LETTER FROM THE SPA WITHIN 30 DAYS OF SUBMITTING YOUR REGISTRATION, PLEASE CALL/EMAIL THE OFFICE TO CONFIRM THAT YOUR REGISTRATION MATERIAL HAS BEEN RECEIVED.**



# HOTEL RESERVATION FORM

## PEDIATRIC ANESTHESIOLOGY 2009

March 19-22, 2009 at The Hyatt Regency Riverfront • Jacksonville, FL

**HOTEL CUTOFF DATE: FEBRUARY 24, 2009**

**Please Reserve:**

\_\_\_\_\_ Rooms My Arrival Date is: \_\_\_\_\_ Arrival Time: \_\_\_\_\_ My Departure Date is: \_\_\_\_\_

Check in time is 3:00 pm, but we try to accommodate early arrivals, check out time is 12 noon. For suites, please contact hotel directly.

Name \_\_\_\_\_  
Last First MI

Preferred Mailing Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_ Email Address \_\_\_\_\_

Office Phone \_\_\_\_\_ Home Phone \_\_\_\_\_ Fax # \_\_\_\_\_

Accompanying Person(s) Name(s) \_\_\_\_\_ #Adults \_\_\_\_\_ #Children \_\_\_\_\_

Extra Adults in a room are \$20 per night. There is no additional charge for children under the age of eighteen.

Standard Room  \$189 Single  \$189 Double  
 Tax 14.13%

***THE HYATT REGENCY JACKSONVILLE RIVERFRONT IS A SMOKE-FREE HOTEL.***

Special Requests: \_\_\_\_\_

\_\_\_\_\_

Hyatt Passport# \_\_\_\_\_

**All reservations must be accompanied by a deposit for the first night room and 14.13% tax. There is no penalty for cancellations 7 days prior to the date of arrival. The deposit will be non refundable if the reservation is not cancelled 7 days prior to arrival. Rooms and rates are subject to availability.**

Enclosed is my Check/Money Order in the amount of \$ \_\_\_\_\_ (Please make payable to Hyatt Regency Jacksonville Riverfront)

Please charge first night's deposit to my:  VISA  MasterCard  Discover  American Express  Enroute  JBC  Diners Club

Card No. \_\_\_\_\_ Exp. Date \_\_\_\_\_

Signature \_\_\_\_\_ Printed Name on Card \_\_\_\_\_

**SEND RESERVATIONS TO:**  
**Hyatt Regency Jacksonville Riverfront**  
 225 East Coastline Drive ,  
 Jacksonville, Florida, USA 32202  
 Tel: +1 904 588 1234 Fax: +1 904 634 4554

# OBJECTIVES

## SPA OBJECTIVES

### CONTROVERSIES IN PEDIATRIC ANESTHESIA

#### Brain Function Monitoring in the Pediatric Patient – Where Are We Now?

Learning Objectives:

1. Discuss available means of monitoring for awareness under anesthesia
2. Discuss the current information on pediatric awareness under anesthesia
3. Discuss reliability and limitations of monitoring for awareness in pediatric patients

#### Clinical perspectives in anesthetic toxicity

Learning Objectives:

Participants should acquire an understanding of the current clinical data relevant to the issue of anesthetic induced neurotoxicity in children.

### EMERGING TECHNOLOGIES AND TECHNIQUES FOR PEDIATRIC PATIENTS

#### New Modes of Mechanical Ventilation for Children

Learning Objectives:

1. Describe the pathophysiologic basis for mechanical ventilator-induced lung injury and describe lung protective ventilatory modes
2. Understand the mechanisms of gas exchange operant during high frequency oscillatory ventilation of the acutely injured lung
3. Review the clinical trials of high frequency ventilatory techniques in the neonatal, pediatric and adult populations
4. Understand the important interactions between high frequency techniques and other modalities utilized in the support of gas exchange, including extracorporeal circulation, inhalational nitric oxide therapy, airway pressure release ventilation, neurally adjusted ventilatory assist and partial liquid ventilation

#### Uses of Cardiac Support Outside the OR

Learning Objectives:

1. To provide the participants with a description of the current ventricular assist devices (VADs) that can be used for cardiac support in children from infancy through adolescence
2. To discuss the indications for, and the complications and outcomes of VAD therapy in children
3. To review the implications for anesthesiologists if patients on VAD or ECMO support should require non cardiac surgery
4. To provide an overview of the rapidly deployable cardiopulmonary support (CPS) system and its indications, contraindications and outcome for cardiac arrest in children

### NEW DRUGS ON THE HORIZON FOR PEDIATRIC ANESTHESIA

Learning Objectives:

Attendees will learn indications and complications of use of the following new drugs on the horizon for pediatric anesthesia which include: IV acetaminophen, Factor rVIIa, sugammadex, and methylnaltrexone.

- Intravenous acetaminophen
- Factor rVIIa

- Sugammadex
- Methylnaltrexone

#### AAP Advocacy Lunch – Ethical Issues in Pediatric Research on Anesthetic Agents

Learning Objectives:

1. Discuss the role of animal models in evaluating toxicity
2. Explore the tensions between off-label practice and research in evaluating acceptable risks
3. Consider the impact on appropriate study design of the role of expertise in reducing research risk

#### Fellows Research Workshop

Learning Objectives:

This workshop is intended to provide fellows with an overview of research methods.

#### Junior Faculty Workshop – Success in Academics

Learning Objectives:

Junior faculty attending this workshop will be exposed to strategies for building a successful academic career.

#### Refresher Course – Pediatric Neuroanesthesia Principles and Update

Learning Objectives:

1. Review applied neuroanesthesia principles
2. Update on pediatric neurosurgical anesthetic management
3. Demonstrate the importance of clinical investigation in children and how it influences management

#### Refresher Course – Management of Preoperative Anxiety in Children

Learning Objectives:

1. Review the underlying psychological issues that affect the manifestations of preoperative anxiety in children
2. To discuss the multiple psychological and clinical outcomes that are associated with anxiety before surgery in children
3. To learn how to manage preoperative anxiety with interventions such as sedative premedication, parental presence, music and hypnosis

#### Jeopardy

Learning Objectives:

Those attending this session will have the opportunity to review current pediatric anesthesia practice in a game-show format.

### WORKSHOPS

#### 1. Epidural Placement in Children, Infants and Neonates -

Learning Objectives:

Attendees of this workshop will gain experience in the use of epidural anesthesia in pediatric patients

#### 2. Peripheral Nerve Block Workshop

Learning Objectives:

1. Peripheral nerve blocks including head and neck blocks and upper and lower extremity blocks will be discussed

# OBJECTIVES

2. Nerve stimulation and basic ultrasound for nerve blocks will be discussed
3. Placement of peripheral nerve catheters and their management in the postoperative period will be discussed

### **3. New Devices and New Approaches to the Pediatric Airway-**

Learning Objectives:

1. Develop an airway plan for normal and abnormal airway scenarios
2. Understand the use and indications of alternative to direct laryngoscopy for securing the airway
3. Understand the indications, advantages and pitfalls to alternative airway devices in infants and children

### **4. Dexmedetomidine: Clinical Applications and Limitations**

Learning Objectives:

1. Review the pharmacology and physiology of dexmedetomidine
2. Understand the range of clinical applications of dexmedetomidine when used for procedural sedation, in the ICU, in the operating room
3. Understand the clinical limitations and risks with dexmedetomidine usage: Are the risks associated with concomitant medications, patient risk factors, the procedure itself or simply a nature of the drug itself?
4. Review via an interactive discussion between the faculty panel and the participants the shared experience with dexmedetomidine usage

### **5. Techniques for Difficult Peripheral Access**

Learning Objectives:

1. Review the advantages and limitations of near infrared devices for achieving peripheral vascular access
2. Understand the issues in using ultrasound as an adjunct for peripheral IV access
3. Demonstrate the ease of intraosseous access as a rapid source of peripheral access

### **6. Practical Approaches to Quality Improvement in Anesthesia**

Learning Objectives:

1. Discuss incident reporting
2. Discuss use of quality measures
3. Possible applications for Wiki discussions
4. Discuss the Toyota production system

### **7. Financial Management**

Learning Objectives:

This session will provide attendees with insight into various strategies for financial success.

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## **PULMONARY CORE**

### **Cystic fibrosis**

Learning Objectives:

1. Infection control issues in the preoperative area, operating room and PACU
2. New concepts in treatment
3. CF in the ICU

### **Asthma**

Learning Objectives:

1. Pathophysiology of asthma
2. Review current management
3. Ventilation strategies in the OR and ICU

### **Pulmonary Hypertension**

Learning Objectives:

1. General diagnosis and treatment
2. Perioperative management
3. General anesthetic effects on therapeutics

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### **AAP Business Meeting/Ask the Experts Panel**

#### **Anesthesia for Patients with Pulmonary Disease - A Case Based Discussion**

Learning Objectives:

1. List the effects of the most commonly used anesthetics and analgesic agents on airway reactivity and strategies to reduce perioperative respiratory complications in patients with asthma
2. Review the perioperative considerations in caring for a patient with cystic fibrosis
3. Understand the many perioperative factors that can affect pulmonary vascular resistance and what measures can be used to prevent and treat pulmonary hypertensive crisis

### **Refresher Course – Craniofacial abnormalities: An Overview for the Pediatric Anesthesiologist**

Learning Objectives:

1. To understand the etiology and manifestations of craniofacial abnormalities
2. To review the current surgical approaches to craniofacial abnormalities
3. To understand the anesthetic risks and complications associated with the surgical repair of craniofacial abnormalities

### **Refresher Course – Anesthesia for Pediatric Spine Surgery**

Learning Objectives:

1. An overview of the most common pediatric spine surgeries
2. Pre-operative preparation and counseling for pediatric patients
3. Intra-operative anesthesia management and spinal monitoring
4. Post operative care and pain management
5. Recent advances in anesthesia for pediatric spine surgery
6. Conclusions

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## **WORKSHOPS**

### **1. Workshop in Epidural Analgesia for Children**

Learning Objectives:

1. Techniques for the safe and effective placement of caudal, lumbar and thoracic epidurals in neonates and small infants
2. A review of the pharmacology of drugs used to provide epidural analgesia including recommendations for infusates and rates that are commonly employed to provide epidural analgesia in all pediatric patients
3. A review of the common problems that occur during epidural analgesia and how these problems can be effectively managed



# OBJECTIVES

4. A review of adverse neurological events associated with epidural analgesia in children

## **2. Advanced Ultrasound-Guided Regional Workshop**

Learning Objectives:

1. Upper extremity, lower extremity and truncal blocks
2. Paravertebral, epidural and caudal blocks
3. Techniques to enhance needle visualization with US guidance

## **3. Using ultrasound guidance to vascular access in neonates and children**

Learning Objectives:

1. To learn how to find landmark vascular structures using 2D ultrasound
2. To discuss tips/tricks to facilitate ultrasound-guided line placement
3. To practice these techniques with ultrasound models

## **4. Simulation in Pediatric Anesthesia**

Learning Objectives:

1. Review of medical simulation and its uses for education and training
2. Gain an understanding of the elements of performance that can be taught and assessed using high-fidelity simulation.
3. Experience a simulation scenario, gaining an understanding of the elements of team performance that could impact patient care

## **5. Teaching the Advanced ACGME Competencies**

Learning Objectives:

1. Describe the ACGME competencies including professionalism, interpersonal and communication skills, practice based learning and improvement and system based practice
2. Discuss the use of psychometric inventories targeted around specific teaching models to help better teach the advanced competencies
3. Appreciate and describe the importance of multiple learning modalities including reflection and community-building activities (use of inventories, small and large group interactive techniques) to teach the advanced competencies

## **6. Integrating Acupuncture in Pediatric Peri-operative Care and Pain Medicine**

Learning Objectives:

1. Understand the current practice of acupuncture medicine
2. Learn the history and theory of acupuncture
3. Understand scientific evidence of acupuncture practice
4. Evaluate acupuncture meridian systems and micro-system paradigms
5. Incorporate acupuncture in pediatric anesthesia, and pain practice
6. Participate hands-on demonstration of acupuncture and related techniques

## **SonoSite Lecture: Perioperative Genomics: Defining the Vulnerable Pediatric Patient**

Learning Objectives:

1. List the difference between genetic & genomic medicine
2. Describe how genetic variation potentially affects day-to-day care of perioperative patients
3. List drugs and medical conditions where genetic variability plays an important role in end organ injury

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## **2008'S BEST EDITORS PICK**

Learning Objectives:

This session, provided by the editors from the most frequently cited journals in the field, is intended to review the previous years best papers and provide the audience with an editors perspective on manuscript selection

1. What a Reviewer Wants to See in a Manuscript
2. What an Editor Wants to See in a Manuscript
3. *Anesthesia and Analgesia*
4. *Anesthesiology*
5. *Pediatric Anesthesia*

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## **CCAS OBJECTIVES**

### **SESSION I: HEART FAILURE/TRANSPLANT**

#### **Cardiomyopathy in Children**

Learning Objectives: Following this session, the participant will understand the prevalence, etiology, pathophysiology and genetics of DCM and Restrictive cardiomyopathy in children. He/she will understand the cellular mechanisms of heart failure in children and be familiar with recent management strategies and with the outcome of cardiomyopathy in children.

#### **MILLION DOLLAR BABY: Ventricular Assist Devices**

Learning Objectives: At the conclusion of this session the participant will be familiar with the decision process and indications for placement of ventricular assist devices in children. He/she will be familiar with available and forthcoming assist device technology, with the unique postoperative management issues associated with this technology, and with current data regarding outcome.

#### **Pediatric Heart Transplant Trends and Outcomes**

Learning Objectives: Following this session the participant will understand the indications for heart transplantation in children. He/she will be familiar with the demographic composition of the pediatric heart transplant population and with outcomes of heart transplantation in children. He/she will be able to use this knowledge to refine their individual approach to the management of children following heart transplant for non-cardiac and catheterization procedures.

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### **SESSION II: COAGULATION/BLOOD TRANSFUSION**

#### **Monitoring Coagulation in the Pediatric Cardiac OR/ICU**

Learning Objectives: Following this session the participant will be familiar with the hemostatic perturbations that commonly occur following pediatric cardiac surgery. He/she will understand the use of currently available POC modalities for assessing coagulation (including rapid TEG, Sonoclot, Hepcon systems) and will understand the impact of these coagulation studies on transfusion practices in children.

# OBJECTIVES

## **Transfusion Dilemmas in Pediatric Cardiac Surgery**

Learning Objectives: At the conclusion of this session the participant will understand the impact of transfusion requirements in children on blood bank resources. He/she will be familiar with current controversies (age and type of blood, irradiation, CMV status, leukocyte reduction) surrounding blood transfusion in pediatric cardiac surgery.

## **Life in the Post-Aprotinin Era**

Learning Objectives: Following this session the participant will be familiar with the pharmacokinetics and efficiency of the lysine analogs as compared to the serine protease inhibitor aprotinin in children. He/she will understand the current status of aprotinin use in pediatric cardiac surgery and will be familiar with the use of the adjuvant hemostatic agents aprotinin DDAVP and rFVIIa.

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## **SESSION III: HYBRID ANESTHESIA-MYTH & REALITY**

Learning Objectives: Following this session the participant will understand how 3 different centers utilize the Hybrid approach to HLHS. Specifically, he/she will be familiar with how the indications, patient selection criteria, interventional strategy, and intraoperative/postoperative management differs at these 3 centers. He/she will be able to use this knowledge to refine their individual approach to these issues in their practice.

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## **SESSION IV: WHO SHOULD PROVIDE SEDATION/ANESTHESIA FOR PATIENTS UNDERGOING CARDIAC CATHETERIZATION?**

Learning Objectives: Following this session the participant will be familiar with the growing need for anesthetic care in the pediatric cardiac catheterization laboratory and the impact of this need on manpower and training considerations in cardiac anesthesia. In addition, the participant will be familiar with the evidence that frames the debate on who is best qualified to provide sedation/anesthesia to pediatric cardiac catheterization patients.

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## **SESSION V: ELECTROPHYSIOLOGY UPDATE**

### **Common Acute Postoperative Arrhythmias and their Management**

Learning Objectives: Following this lecture the participant will be familiar with the most common arrhythmias in the immediate postoperative period in children following cardiac surgery. He/she will be familiar with current treatment modalities (including PALS recommendations) for treating these arrhythmias.

### **Arrhythmia Workshop**

Learning Objectives: At the conclusion of the workshop the participant will be capable of demonstrating competency in the diagnosis and treatment of common arrhythmias in children.

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## **SESSION VI: WORKSHOP ON TRANSEOPHAGEAL ECHOCARDIOGRAPHY IN CHILDREN**

### **Overview of the Basic TEE Exam in Patients with CHD**

Learning Objectives: At the conclusion of this workshop the participant will be able to describe a basic TEE exam in children with congenital heart disease and will understand the essential components of a comprehensive pediatric perioperative TEE exam.

### **TEE Workshop**

Learning Objectives: Following this 3-station workshop the participant will be familiar with the essential preoperative and postoperative TEE findings in patients with:

1. Tetralogy of Fallot
2. ASD/VSD/CAVC
3. Single ventricle repair



# SOCIETY FOR PEDIATRIC ANESTHESIA

2209 Dickens Rd., Richmond, VA 23230-2005

Phone: 804-282-9780 • Fax: 804-282-0090

E-mail: spamembership@societyhq.com • www.pedsanesthesia.org

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_ MI: \_\_\_  MD  DO  PhD  CRNA  Other

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City: \_\_\_\_\_ State/Country: \_\_\_\_\_ Zip/Postal Code: \_\_\_\_\_

Office Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ E-mail \_\_\_\_\_

Date of Birth (mm/dd/yy): \_\_\_\_/\_\_\_\_/\_\_\_\_ Type of Practice:  Private  University  Government  Other

Hospital Affiliation: \_\_\_\_\_

Academic Degrees & Other Professional Certifications With Dates: \_\_\_\_\_

\_\_\_\_\_

ABA #: \_\_\_\_\_

## I Hereby Make Application For:

- ACTIVE MEMBERSHIP:**.....\$175  
Physicians practicing in the US or Canada who have an interest in pediatric anesthesia, and are eligible to be members of the ASA, may vote and/or hold office.
- AFFILIATE MEMBERSHIP:**.....\$175  
Physicians not eligible to be members of the ASA, non-physicians with an interest in pediatric anesthesia. May not vote and/or hold office.
- ACTIVE/AFFILIATE JOINT MEMBERSHIP WITH CCAS:**.....\$200  
Active and affiliate SPA members qualify for joint membership with the Congenital Cardiac Anesthesia Society.  
 Active Joint  Affiliate Joint
- INTERNATIONAL MEMBERSHIP:**.....\$50  
Physicians practicing outside of the US and Canada who have an interest in pediatric anesthesia.
- INTERNATIONAL JOINT MEMBERSHIP WITH CCAS:**.....\$75  
International SPA members qualify for joint membership with the Congenital Cardiac Anesthesia Society.
- RESIDENT/FELLOW MEMBERSHIP:**.....\$40  
Physicians in an approved residency training program or performing post residency fellowship training (not to exceed five years). Resident membership requires endorsement by program director.  Check if you are a fellow in pediatric anesthesia.  
NOTE: SPA Resident/Fellow Members will no longer receive a subscription to *Anesthesia & Analgesia* as a benefit. To subscribe to *A&A*, visit [www.iars.org](http://www.iars.org).

Residency Location: \_\_\_\_\_

Completion Date: \_\_\_\_\_ Signature of Program Director: \_\_\_\_\_

Referredby: \_\_\_\_\_

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# PEDIATRIC 2009 ANESTHESIOLOGY

March 19-22, 2009 at The Hyatt Regency Riverfront • Jacksonville, Florida

A meeting co-sponsored by  
the Society for Pediatric Anesthesia  
and the American Academy of Pediatrics  
Section on Anesthesiology and Pain Medicine



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