

PEDIATRIC ANESTHESIOLOGY 2011

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

March 31 - April 3, 2011

Sheraton San Diego Hotel & Marina
San Diego, CA



Society for Pediatric Anesthesia



education • research • patient care

American Academy
of Pediatrics



WELCOME TO PEDIATRIC ANESTHESIOLOGY!

This year's Pediatric Anesthesiology 2011 meeting will be held in conjunction with the American Academy of Pediatrics Section on Anesthesiology and Pain Medicine, April 1-3, 2011 at the Sheraton San Diego, San Diego, California. Our program includes presentations of ground-breaking research, audience participation in simulation scenarios, an emphasis on physician wellness and the opportunity to interact with colleagues in a beautiful harborside location.

As Program Chair, I am very excited about this year's program. On behalf of myself, Assistant Program Chair-Julie Niezgoda (Refresher Courses and Workshops), Kirk Lalwani (PBLD coordinator) and Constance Houck (AAP section chair) we welcome you to a meeting that offers many highlights and offerings, including: 33.5 CME credits for the SPA meeting plus eight additional credits for the CCAS meeting and eight additional credits for the SIG meeting on Thursday, March 31.

Thursday will feature meetings of the Congenital Cardiac Anesthesia Society (CCAS), the Special Interest Group for Pediatric Pain Management (SIGPPM) and an advanced ultrasound guided regional anesthesia workshop, which will be also repeated Friday and Saturday afternoon. We are also offering a special 6 hour workshop on leadership designed for young faculty preparing to increase their administrative roles within their departments. Registration for the CCAS and SIGPPM meeting are separate but in this brochure. For those who register for the SPA meeting, a pediatric advanced life support course is available with a separate registration fee.

Friday's topics include a module on neurotoxicity in the OR which includes lectures on the basic science and clinical evidence of neurotoxicity as well as a lecture on alternative anesthetic techniques. The next module examines: "Controversies surrounding other common therapies in the OR" including at the role of oxygen and other medications for neonates and the ongoing research into proper fluid management for children. The final session is entitled "Health Care Reform: The impact on healthcare delivery". In this session we will learn about the Massachusetts experience with mandated healthcare and learn about the impact of unfunded federal mandates. Following the morning session there will be lunch meeting which will include the AAP-Robert M. Smith Award Presentation and the AAP Advocacy lecture: "The Affordable Care Act at Year One: Tracking the Law's Progress for Children" given by Mark Del Monte, the Director of Department of Federal Affairs of the AAP.

Friday afternoon will include Refresher courses on Muscular Dystrophy and updates on Pain Management.

This will be followed Pediatric Anesthesia Simulation Wars - NEW to the SPA:

Watch, vote and weigh in as two children's hospital teams complete using live simulation on stage and screen for the title of SPA Sim Wars Champions. During this fast-paced, interactive session for the entire audience, teams will each participate in a crisis-management scenario, followed by a debriefing by a team of expert judges. The judges and the audience (using the audience response system) will determine the winner!

On Saturday, we will start off the day with our core lecture series devoted to the pediatric patient with endocrine disorders. This session is intended to provide an update on the stress response to surgery, craniopharyngioma and pheochromocytoma. After the morning scientific sessions which will include the walk-around poster discussions and presentation of the AAP and SPA abstract awards, the AAP Ask the Experts panel will include an audience response discussion tied to the core lecture series, with specific cases addressing the anesthesia management of patients with endocrine disorders. This will be followed by refresher courses on cardiac anesthesia and neonatal anesthetic management.

I am especially delighted to end the day with our keynote speaker, Michael Roizen who will talk about physicians and wellness. Dr. Roizen is a New York Times #1 bestselling author and cofounder and originator of the very popular RealAge.com website. He is chief wellness officer and chair of the Wellness Institute of the Cleveland Clinic and health expert of The Oprah Winfrey Show and the Dr. Oz Show.

This lecture will segue into our Wellness Cocktail Party featuring light snacks, beverages and companionship with colleagues conducive to a wellness lifestyle.

Sunday will begin with a new Pro/Con format involving six senior members of our specialty who will be divided into two teams and will opine about important controversies in pediatric anesthesia. The audience, with help from our moderators, will determine which team has the most convincing opinions. This session will be followed by a review of the past year's most significant articles by the editors from *Pediatric Anesthesia*, *Anesthesia and Analgesia* and *Anesthesiology*.

In addition, there are many new workshops, refresher courses which provide updates on this year's and last year's CCAS and SIGPPM meetings, Walk around Posters and Problem Based Learning Discussions on Friday, Saturday and Sunday mornings.

As I complete my service as Program Chair, I would like to say thanks to all those who have helped me assemble this meeting especially the Education Committee, the SPA Board Members and the Staff of the SPA office. Finally a huge thanks to Lynn Martin, Julie Niezgoda, Kirk Lalwani and Constance Houck-I couldn't have done this without their expertise and great ideas!

I hope you enjoy the meeting.



Mary Ellen McCann MD, MPH
Winter Meeting Program Chair

MEETING INFORMATION

Education Mission Statement

The annual Winter/Spring 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.

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.

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.

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 33.5 *AMA PRA Category 1 Credit(s)*[™]. 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 7.75 *AMA PRA Category 1 Credit(s)*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Special Interest Group – Pediatric Pain Medicine: 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 5.5 *AMA PRA Category 1 Credit(s)*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

The program has been approved by the American Association of Nurse Anesthetists for 25 CE credits; Code Number 33662; Expiration Date 4/3/2011.

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, 2011 in order to receive service.

Hotel & City Information

Located at the edge of spectacular San Diego Bay, the Sheraton San Diego Hotel & Marina enjoys panoramic views of the bay and the city skyline yet is just 10 minutes from some of the city's most popular attractions.

The redesigned hotel offers green initiatives, five restaurants, three swimming pools, tennis courts, a spa and jogging trails.

California's second largest city and the United States' eighth largest, San Diego is renowned for its idyllic climate, 70 miles of pristine beaches and a dazzling array of world-class family attractions.

Popular attractions include:

- The world-famous San Diego Zoo and Wild Animal Park,
- Sea World San Diego and
- LEGOLAND California.

San Diego offers an expansive variety of things to see and do, appealing to guests of all ages from around the world. The city's arts, culture and culinary scenes are booming. The hottest new culinary arts talents prepare award-winning meals throughout the regions 6,400 eating establishments.

FACULTY

- Rita Agarwal, MD, FAAP
The Children's Hospital
Denver, CO
- John T. Algren, MD
Vanderbilt University Medical Center
Nashville, TN
- Jennifer L. Anderson, MD
Children's National Medical Center
Washington, DC
- Steve Auden, MD
University of Louisville School of
Medicine
Louisville, KY
- Catherine Bachman, MD
University of Chicago Hospitals
Chicago, IL
- Sandra L. Barcelona, MD
Children's Memorial Hospital
Chicago, IL
- Victor C. Baum, MD
University of Virginia Medical Center
Charlottesville, VA
- John L. Bastien, MD
Commander, Medical Corps, US Navy
Naval Hospital Bremerton
Bremerton, WA
- Hubert A. Benzoni, MD
Children's Hospital Boston
Boston, MA
- Charles B. Berde, MD, PhD
Children's Hospital Boston
Boston, MA
- Darrell Berkowitz, MB, BCH
Children's Hospital of Philadelphia
Philadelphia, PA
- Sanjay M. Bhananker, MD, FRCA
Seattle Children's Hospital
Seattle, WA
- Sudha Bidani, MD
Texas Children's Hospital
Houston, TX
- Allen Bielsky, MD
The Children's Hospital
Aurora, CO
- Wendy Binstock, MD
University of Chicago Medical Center
Chicago, IL
- Sally Bitzer, MD
Johns Hopkins Hospital
Baltimore, MD
- Richard H. Blum, MD, MSE, FAAP
Children's Hospital Boston
Boston, MA
- Adrian T. Bosenberg, FFA (SA)
Seattle Children's Hospital
Seattle, WA
- Anna Todaro Brown, MD
The Johns Hopkins School of
Medicine
Baltimore, MD
- Roland Brusseau, MD
Children's Hospital Boston
Boston, MD
- Robert B. Bryskin, MD
Mayo Clinic
Jacksonville, FL
- Christopher Caldarone, MD, FRCS
University of Toronto
The Hospital for Sick Children
Toronto, Ontario, Canada
- Rose Campise-Luther, MD
Children's Hospital of Wisconsin
Milwaukee, WI
- Jael Carbajal, MD
University of Texas at Houston
Medical School
Houston, TX
- Pilar Castro, MD
The Cleveland Clinic
Cleveland, OH
- Debnath Chatterjee, MD
The Children's Hospital
Aurora, CO
- Michael Chen, MD
Lucille Packard Children's Hospital
Stanford, CA
- Hyun Kee Chung, MD
Children's Hospital Boston
Boston, MA
- Franklin Cladis, MD
Children's Hospital of Pittsburgh
Pittsburgh, PA
- Anthony J. Clapcich, MD
Children's Hospital of New York
New York, NY
- Randall Clark, MD FAAP
University of Colorado
Denver, CO
- Rebecca Claire, MD
Lucille Packard Children's Hospital
Stanford, CA
- Ira Todd Cohen, MD, MEd
Children's National Medical Center
Washington, DC
- Alison A. Considine, MD, MPH
Saint Francis Hospital and Medical
Center
Hartford, CT
- Lauren J. Cornella, MD
Brigham & Women's Hospital
Boston, MA
- Charles J. Coté, MD, FAAP
Massachusetts General Hospital
Boston, MA
- Michael Crowder, MD, PhD
Washington University
St. Louis, MO
- Nicholas Dalesio, MD
Children's Hospital of Philadelphia
Philadelphia, PA
- Suanne M. Daves, MD
Vanderbilt University Medical Center
Nashville, TN
- Peter J. Davis, MD
University of Pittsburgh
Medical Center
Pittsburgh, PA
- Mark Del Monte, JD
Director, Department of Federal Affairs
American Academy of Pediatrics
Washington, DC
- Jayant K. Deshpande, MD, MPH
Arkansas Children's Hospital
Little Rock, AR
- James A. DiNardo, MD
Children's Hospital Boston
Boston, MA
- Radhika Dinavahi
Columbia University
New York, NY
- Diviya Dixit, MD
A. I. duPont Hospital for Children
Wilmington, DE
- Jessica L. Drescher, DO
University of Colorado Denver
Aurora, CO
- Shirley N. D'Souza, MD
Arkansas Children's Hospital
Little Rock, AR
- Richard Elliott, MD
The Johns Hopkins School of
Medicine
Baltimore, MD
- Lynne R. Ferrari, MD, FAAP
Children's Hospital Boston
Boston, MA
- John Fiadjo, MD
Children's Hospital of Philadelphia
Philadelphia, PA
- Paul G. Firth, MB, ChB
Massachusetts General Hospital
Boston, MA
- Quentin Fisher, MD, FAAP
Walter Reed Army Medical Center
Bethesda, MD
- Sean Flack, MB, ChB, FCA, DA
Seattle Children's Hospital
Seattle, WA
- Randall P. Flick, MD, MPH, FAAP
Mayo Clinic
Rochester, MN
- Andrew Franklin, MD
Vanderbilt University Medical Center
Nashville, TN
- Paul J. Fronapfel MD
Presbyterian Hospital
Charlotte, NC
- Arjunan Ganesh, MBBS
Children's Hospital of Philadelphia
Philadelphia, PA
- Jessica George, MD
Johns Hopkins Hospital
Baltimore, MD
- Nancy L. Glass, MD, MBA, FAAP
Texas Children's Hospital
Houston, TX
- Krystalynn Godwin
Vanderbilt Children's Hospital
Nashville, TN
- Kenneth R. Goldshneider, MD, FAAP
Cincinnati Children's Hospital
Medical Center
Cincinnati, OH
- Brenda Golianu, MD
Stanford University School of
Medicine
Stanford, CA
- Cheryl Gooden, MD, FAAP
Mount Sinai School of Medicine
New York, NY
- Michael Gottschalk
Rady Children's Hospital
San Diego, Ca
- Christine Greco, MD, FAAP
Children's Hospital Boston
Boston, MA
- Heike Gries, MD, PhD
Oregon Health & Science University
Portland, OR
- Jonathan D. Griswold, MD
Children's Hospital Boston
Boston, MA
- Harshad Gurnaney, MBBS, MPH
Children's Hospital of Philadelphia
Philadelphia, PA
- Nina A. Guzzetta, MD
Emory Healthcare System
Atlanta, GA
- Charles M. Haberkern, MD, MPH
Seattle Children's Hospital
Seattle, WA
- Dawit Haile, MD
Mayo Clinic
Rochester, MN
- Robbie Hales, MD
Children's Hospital of Philadelphia
Philadelphia, PA
- Rebecca Hall, MD
Oregon Health & Science University
Portland, OR
- Courtney A. Hardy, MD
Children's Memorial Hospital
Chicago, IL
- Stephen R. Hays, MD, FAAP
Vanderbilt University School of
Medicine
Nashville, TN
- Andrew Heath, MD
Johns Hopkins University School of
Medicine
Baltimore, MD
- Lisa Heyden, MD
Texas Children's Hospital
Houston, TX
Hospital for Sick Children
Toronto, Ontario, Canada
- Helen Holtby, MBBS, FRCP(C)
Hospital for Sick Children
Toronto, Ontario, Canada
- Anita Honkanen, MD
Stanford University Medical Center
Stanford, CA
- Constance S. Houck, MD, FAAP
Children's Hospital Boston
Boston, MA
- Alexander K. Hughes, MD
Vanderbilt University Medical Center
Nashville, TN
- Jodie Johnson, MD
Riley Hospital for Children
Indianapolis, IN
- Zeev N. Kain, MD, MBA
University Children's Hospital
Orange, CA
- Richard F. Kaplan, MD
Children's National Medical Center
Washington, DC
- Todd Kilbaugh, MD
Children's Hospital of Philadelphia
Philadelphia, PA
- Tae Kim, MD
Johns Hopkins University School
of Medicine
Baltimore, MD
- Norma J. Klein, MD
University of California Davis
Children's Hospital
Sacramento, CA
- Sabine Kost-Byerly, MD, FAAP
Johns Hopkins University
Baltimore, MD
- F. Wickham Kraemer, III, MD
Children's Hospital of Philadelphia
Philadelphia, PA
- Renee Kreeger, MD
Cincinnati Children's Hospital
Medical Center
Cincinnati, OH
- Anjana Kundu, MBBS, MD
Seattle Children's Hospital
Seattle, WA
- Kirk Lalwani, MD, FRCA, MCR
Co-Chair – PBLDs
Oregon Health & Sciences University
Portland, OR
- John Lamberti MD
Rady Children's Hospital
San Diego, CA
- Christopher Lancaster, MD
Nationwide Children's Hospital
Columbus, OH
- Ira Landsman, MD
Vanderbilt Children's Hospital
Nashville, TN
- Geoffery Lane, MB, BCH, FRCA
The Children's Hospital
Aurora, CO
- Charles Lee, MD
Loma Linda University School of
Medicine
Loma Linda, CA
- Marjorie A. Lewis, MD
Mayo Clinic
Jacksonville, FL
- J. Lance Lichter, MD
University of Massachusetts Memorial
Medical Center
Worcester, MA
- Elaina E. Lin, MD
Children's Hospital of Philadelphia
Philadelphia, PA
- Yuan-Chi Lin, MD
Children's Hospital Boston
Boston, MA
- PA Lonnquist, MD
Karolinska Institute
Stockholm, Sweden
- Anne M. Lynn, MD
Seattle Children's Hospital
Seattle, WA

FACULTY

Bruno Marciniak, MD
Hopital Jeanne de Flandre
Lillie France

Scott Markowitz, MD
The Children's Hospital
Aurora, CO

Lynn D. Martin, MD, FAAP, FCCM
Seattle Children's Hospital
Seattle, WA

Andrew J. Matisoff, MD
Children's National Medical Center
Washington, DC

Lynne Gerson Maxwell, MD, FAAP
Children's Hospital of Philadelphia
Philadelphia, PA

Mary Ellen McCann, MD
Program Chair
Children's Hospital Boston
Boston, MA

Brenda C. McClain, MD, FAAP
Yale New Haven Children's Hospital
New Haven, CT

Craig D. McClain, MD, MPH
Children's Hospital Boston
Boston, MA

John J. McCloskey, MD
Children's Hospital of Philadelphia
Philadelphia, PA

Francis X. McGowan, Jr., MD
Children's Hospital Boston
Boston, MA

Michael L. McManus, MD
Children's Hospital Boston
Boston, MA

Peggy P. McNaull, MD
University of North Carolina
Hospitals
Durham, NC

Julie McWhorter, MD
University of Louisville School of
Medicine
Louisville, KY

Lynda J. Means, MD
Children's Hospital Boston
Boston, MA

Petra Meier-Haran, MD, DEAA
Children's Hospital Boston
Boston, MA

Jon Meliones, MD, MS, FCCM
Duke University Medical Center
Durham, NC

Tonya LK Miller, MD
Children's Hospital Boston
Boston, MA

Wanda C. Miller-Hance, MD
Texas Children's Hospital
Houston, TX

Alexander C. Mittnacht, MD
Mount Sinai School of Medicine
New York NY

Constance Monitto, MD
Johns Hopkins Medical Center
Baltimore, MD

Philip G. Morgan, MD
Seattle Children's Hospital
Seattle, WA

Emad B. Mossad, MD
Texas Children's Hospital
Houston, TX

Jochen D. Muehlschlegel, MD
Brigham and Women's Hospital
Boston, MA

Aymen N. Naguib, MD
Nationwide Children's Hospital
Columbus, OH

Aruna T. Nathan, MBBS, FRCA
Children's Hospital of Philadelphia
Philadelphia, PA

Manchula Navaratnam, MB, ChB
Yorkhill Children's Hospital
Glasgow, Scotland

Julie J. Niezgoda, MD
Co-Chair – Refresher Courses/
Workshops
Cleveland Clinic Foundation
Cleveland, OH

Kirsten C. Odegard, MD
Children's Hospital Boston
Boston, MA

Susuma Ohkawa, MD
Children's Hospital of New York
New York, NY

Sarah Oswald, MD
University of Illinois at Chicago
College of Medicine
Chicago, IL

Sarah Pae, MD
University of Chicago Hospitals
Chicago, IL

David Parra, MD
Children's Hospital at Vanderbilt
Nashville, TN

Jerome Parness, MD, PhD
Children's Hospital of Pittsburgh
Pittsburgh, PA

Andrew Pittaway, MBBS, FRCA
Seattle Children's Hospital
Seattle, WA

Sara Pittenger, MD
The University of North Carolina
Chapel Hill, NC

David M. Polaner, MD, FAAP
The Children's Hospital
Aurora, CO

George D. Politis, MD, MPH
University of Virginia Health System
Charlottesville, VA

Robert Powers, MD
Texas Children's Hospital
Houston, TX

Mary Rabb, MD
University of Texas at Houston
Medical School
Houston, TX

Chandra Ramamoorthy, MBBS, FRCA
Stanford University Medical Center
Stanford, CA

Radhamangalam Rammamurthi,
MD FRCA
Stanford University Medical Center
Stanford, CA

Sharon Redd, MD
Children's Hospital Boston
Boston, MA

Michael Richards, MBBS, FRCA
Seattle Children's Hospital
Seattle, WA

Niurka Rivero MD
Children's Hospital Los Angeles
Los Angeles, CA

Laura Roberts, MD
National Naval Medical Center
Bethesda, MD

Michael F. Roizen, MD
Cleveland Clinic Foundation
Cleveland, OH

Daniel Rubens, MD, FANZCA
Seattle Children's Hospital
Seattle, WA

Haleh Saadat, MD, FAAP
Yale University School of Medicine
New Haven, CT

Senthilkumar Sadasivam, MD
Cincinnati Children's Hospital
Medical Center
Cincinnati, OH

Amod Sawardaker, MD
Children's Memorial Hospital
Chicago, IL

Gregory J. Schears, MD
Mayo Clinic
Rochester, MN

Michelle Schlunt, MD
Loma Linda University School
of Medicine
Loma Linda, CA

Jamie McElrath Schwartz, MD
The Johns Hopkins School of
Medicine
Baltimore, MD

Christian Seefelder, MD
Children's Hospital Boston
Boston, MA

Navil F. Sethna, MBChB
Children's Hospital Boston
Boston, MA

Angela Sharkey, MD
Washington University
St. Louis, MO

Anshuman Sharma, MD, FFARCSI
CCAS Program Chair
St. Louis Children's Hospital
St. Louis, MO

Persis K. Shroff, MD
Arkansas Children's Hospital
Little Rock, AR

Carmen Simion, MD
Children's Memorial Hospital
Chicago, IL

Devika Singh, MD
Children's Hospital of Philadelphia
Philadelphia, PA

Robin Slover, MD
The Children's Hospital
Aurora, CO

Loran Mounir Soliman, MD
Cleveland Clinic Foundation
Cleveland, OH

Sulpicio G. Soriano, MD, FAAP
Children's Hospital Boston
Boston, MA

James Spaeth, MD
Cincinnati Children's Hospital
Medical Center
Cincinnati, OH

Andrew F. Stasic, MD
Riley Hospital for Children
Indianapolis, IN

Stan Stead, MD, MBA
Stead Health Group, Inc.
Los Angeles, CA

Randolph H. Steadman, MD
University of California Los Angeles
School of Medicine
Los Angeles, CA

Kelly Stees, MD
The Children's Hospital
Aurora, CO

Don Stephanian
Seattle Children's Hospital
Seattle, WA

Lianne L. Stephenson, MD
University of Wisconsin
Madison, WI

Joel Stockman, MD
University of California
LA Medical Center
Los Angeles, CA

Lena S. Sun, MD
Columbia University
New York, NY

Santhanam Suresh, MD, FAAP
Children's Memorial Hospital
Chicago, IL

Peter Szmuk, MD
Children's Medical Center
Dallas, TX

Thomas Taghon, DO
Nationwide Children's Hospital
Columbus, OH

Rosalie Tassone, MD, MPH
University of Illinois Medical Center
Chicago, IL

Douglas Thompson, MD
Seattle Children's Hospital
Seattle, WA

Mark E. Thompson, MD
The Children's Hospital
Denver, CO

Sampaguita Tafoya, MD
University of California Davis
Children's Hospital
Sacramento, CA

Co Troung, MD
Children's Memorial Hospital
Chicago, IL

Thomas Vetter, MD, MPH
University of Alabama School
of Medicine
Birmingham, AL

Bistra Vlassakova, MD
Children's Hospital Boston
Boston, MA

Polina Voronov, MD
Children's Memorial Hospital
Chicago, IL

Mirjana Vustar, MD
Stanford University School of
Medicine
Stanford, CA

Steven Waguespack MD
University of Texas
Houston, TX

Samuel Wald, MD
University of California Los Angeles
School of Medicine
Los Angeles, CA

Benjamin Walker, MD
University of Wisconsin
Madison, WI

Scott G. Walker, MD
Riley Children's Hospital
Indianapolis, IN

Ellen Wang, MD
Children's Hospital Boston
Boston, MA

Shu-Ming Wang, MD
Yale University School of Medicine
New Haven, CT

Melanie Ward, MD
Children's Hospital of Los Angeles
Los Angeles, CA

Gina Whitney, MD
Vanderbilt University School
of Medicine
Nashville, TN

Glyn D. Williams, MB, ChB, FRCA
Stanford University Medical Center
Stanford, CA

Julie Williamson, DO
Stanford University School
of Medicine
Stanford, CA

Samuel David Yanofsky, MD, MEd
Children's Hospital Los Angeles
Los Angeles, CA

Myron Yaster, MD, FAAP
Johns Hopkins Hospital
Baltimore, MD

Breanna York
Seattle Children's Hospital
Seattle, WA

Luis Zabala, MD
Arkansas Children's Hospital
Little Rock, AR

Jennifer Zieg, MD
The Children's Hospital
Aurora, CO

CCAS PROGRAM



MARCH 31, 2011

7:00 - 7:30 am Registration and Breakfast with Exhibitors

7:30 - 7:50 am Welcome and Outline of Educational Program

James A. Dinardo, MD, Anshuman Sharma, MD, FFARCSI and Suanne M. Daves, MD

SESSION I – LIVING WITH HYPOXIA

Moderator: Chandra Ramamoorthy, MBBS, FRCA

7:55 - 8:25 am Surviving Chronic Hypoxia: Do we have the necessary genes?

Mike Crowder, MD, PhD

8:25 - 8:55 am Ischemic Preconditioning: An interesting concept or a clinical reality?

Christopher Caldarone, MD, FRCSC

8:55 am - 9:15 am Anesthetic Management of a Child with Long Standing Hypoxemia

Scott G. Walker, MD

9:15 - 9:30 am Questions and Discussion

9:30 - 9:45 am Coffee Break with Exhibitors and Posters

SESSION II – CARDIAC MRI: SEXY PICTURES OR USEFUL INFORMATION?

Moderator: Helen Holtby, MBBS, FRCP(C)

9:50 - 10:15 am Cardiac MRI: Why cardiologists want it?

David A. Parra, MD

10:15 - 10:40 am Challenges of Anesthetizing for Cardiac MRI

Kirsten C. Odegard, MD

10:40 - 10:50 am Questions and Discussion

SESSION III – SICKEST OF THE SICK

Moderator: Suanne M. Daves, MD

10:55 - 11:15 am Three Month Old Child with Dilated Cardiomyopathy for Evaluation for Heart Transplantation

Emad B. Mossad, MD

11:15 - 11:35 am Williams Syndrome with Critical AS and PS for Cardiac Cath and Potential Balloon Dilation

Alexander K. Hughes, MD

11:35 - 11:55 am Three Month Old with BT Shunt Brought to Cath. Lab with Severe, Persistent Desaturation

Nina A. Guzetta, MD

11:55 am - 12:15 pm Panel Discussion

12:15 - 1:15 pm Lunch with Exhibitors

SESSION IV: POSTER PRESENTATIONS

Moderator: Courtney Hardy, MD

1:15 - 1:45 pm Three Poster Presentations

SESSION V – EARLY EXTUBATION AND PEDIATRIC CARDIAC SURGERY

Moderator: Glyn D. Williams, MB, ChB, FRCA

1:50 - 2:15 pm Respiratory Mechanics After Cardiopulmonary Bypass

Jon Meliones, MD, MS, FCCM

2:15 - 2:30 pm Pro: Extubation in the OR after CPB: Could we, should we, would we?

Alexander C. Mittnacht, MD

2:30 - 2:45 pm Con: What's the Hurry: Pathophysiology the "fast trackers" don't want you to know

Francis X. McGowan, Jr., MD

2:45 - 3:00 pm Panel Discussion and Audience Response

3:00 - 3:15 pm Coffee Break with Exhibitors and Posters

CCAS PROGRAM

SESSION VI – DISEASE UPDATE: TETRALOGY OF FALLOT

Moderator: James A. DiNardo, MD

- 3:20 - 3:50 pm** **Surgical Pathology of TET**
Angela Sharkey, MD
- 3:50 - 4:20 pm** **Surgical Repair**
John Lamberti, MD
- 4:20 - 4:50 pm** **TEE Evaluation of TET/DORV**
Wanda C. Miller-Hance, MD
- 4:50 - 5:00 Questions and Discussion

5:00 - 5:30 pm SESSION VII – JEOPARDY

Moderator: Anthony J. Clapcich, MD

CCAS PROGRAM REGISTRATION

REGISTER ONLINE AT WWW.PEDSANESTHESIA.ORG

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; E-Mail: spa@societyhq.com

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) _____

*E-mail REQUIRED for registration confirmation.

	Through 3/15/11	After 3/16/11
<input type="checkbox"/> CCAS Member	\$175	\$225
<input type="checkbox"/> CCAS Non-Member	\$275	\$325
<input type="checkbox"/> Resident/Fellow	\$50	\$75

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)

Personal Check VISA MasterCard American Express Discover

Card No _____ CVV Code: _____ Exp. Date _____

Signature _____ Printed Name on Card _____

Credit Card Billing Address: _____ Credit Card Zip Code: _____

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 3/15/2011; 50% refund from 3/16 - 3/26/2011; no refunds after 3/26/2011. 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.

SPA/AAP PROGRAM

Thursday, March 31, 2011

Special Interest Group – Pediatric Pain Medicine (Separate registration required. Must be a SPA registrant to attend.)

Session 1

Moderator: Rita Agarwal, MD, FAAP

10:00-10:45 am Integrative techniques in the Treatment of Chronic Pain

Anjana Kundu, MBBS, MD

10:45-11:30 Regional Anesthesia Techniques for Palliative Care

Charles Berde, MD, PhD; Sara Page Mayo, MD

11:30-11:45 am Questions and Discussion

11:45 am-12:45 pm Lunch

Session 2

Moderator: Petra Meier-Haran, MD, DEAA

12:45-1:30 pm Chronic Abdominal Pain in Children

Robin Slover, MD

1:30-2:30 pm Case Based Discussion on Managing the Complex Acute Pain Consults

Thomas Vetter, MD, MPH;
Kenneth R. Goldschneider, MD, FAAP

2:30-2:45 pm Questions and Discussion

2:45-3:00 pm Coffee Break

Session 3

Moderator: Rosalie Tassone, MD, MPH

3:00-3:45 pm The Ethical Design of Analgesic Trials in Pediatrics: A blueprint for the future
Myron Yaster, MD

3:45-4:45 Pro/Con: Regional should be first line treatment for CRPS

Brenda C. McClain, MD, FAAP;
Stephen Hays, MD, FAAP

4:45-5:00 pm Questions and Discussion

5:00 pm Adjourn/Closing Remarks

Sabine Kost Byerly, MD, FAAP

5:30-7:00 pm Business Meeting
Sabine Kost Byerly, MD, FAAP

10:00-4:00 pm SPA Leadership Skills Workshop (Separate registration required and limited to 20 participants.)

Samuel D. Yanofsky, MD, MEd; Niurka Rivero, MD; Ira Todd Cohen, MD, MEd

This six hour workshop is designed specifically for anesthesiologists who wish to improve their clinical and academic teams through effective leadership. Attendees in small group discussions and activities will examine and experience several different modalities for assessing and finessing the components that make successful leaders. Topics to be covered will include:

- Leadership Styles – theory and practice of leadership
- Group Dynamics – followers, roles, rules, and relationships
- Negotiation – personalities, positions, alternatives, and criteria
- Effective Team – planning, facilitating, supporting, and evaluating
- Leading Change – culture, climate, control, and quality

4:00-7:00 pm Advanced Ultrasound Guided Regional Anesthesia Workshop

Santhanam Suresh, MD, FAAP; Adrian T. Bosenberg, FFA (SA); Arjunan Ganesh, MBBS; PA Lonnquist, MD; Hyun Kee Chung, MD; Amod Sawardaker, MD; Polina Voronov, MD; Senthilkumar Sadasivam, MD
(Separate registration required. Please see page 16-17)

SPA/AAP PROGRAM

Friday, April 1, 2011

- 6:30-7:30 am PBLDs**
- 6:30-7:00 am Registration**
- 6:30-7:30 am Continental Breakfast with Exhibitors**
- 7:30-7:45 am Welcome and Outline of Educational Program**
Mary Ellen McCann, MD

Neurotoxicity in the OR-Are We Harming our Patients' Brains

Moderator: Randall P. Flick, MD, MPH, FAAP

- 7:45-8:15 am Basic Science of Neurotoxicity**
Sulpicio G. Soriano, MD, FAAP
- 8:15-8:45 am Update on the Clinical Evidence of Anesthetic Neurotoxicity**
Lena S. Sun, MD
- 8:45-9:15 am Thoughts on Alternatives Techniques from a Survivor of Neonatal Anesthesia**
Adrian T. Bosenberg, FFA (SA)
- 9:15-9:30 am Questions and Discussion**
- 9:30-10:00 am Coffee Break with Exhibitors and Posters**

Controversies Surrounding Other Common Therapies in the OR

Moderator: Rolland Brusseau, MD

- 10:00-10:25 am Oxygen and Other Toxins**
Julie J. Niezgodka, MD
- 10:25-10:50 am The Myth of the Third Space**
Peggy P. McNaull, MD
- 10:50-11:05 am Questions and Discussion**

Health Care Reform: The impact on healthcare delivery

Moderator: Nancy L. Glass, MD, MBA, FAAP

- 11:05-11:30 am The Massachusetts Experience**
Michael L. McManus, MD
- 11:30-11:55 am Unfunded Federal Mandates**
Stan Stead, MD, MBA
- 11:55 am-12:05 pm Questions and Discussion**
- 12:05-12:15 pm Coffee Break with Exhibitors and Posters**
- 12:15-12:30 pm AAP Robert M. Smith Presentation**
Moderator: Constance S. Houck, MD
- 12:30-1:30 pm AAP Advocacy Lunch**
The Affordable Care Act at Year One: Tracking the Law's Progress for Children
Mark Del Monte, JD
- 1:30-3:30 pm Special Workshops**
- 1:30-2:30 pm Refresher Course - Muscular Dystrophy**
Phillip G. Morgan, MD
- 2:30-3:30 pm Refresher Course - Update on Pediatric Pain**
Charles B. Berde, MD, PhD
- 3:30-4:00 pm Coffee Break with Exhibitors and Posters**
- 4:00-5:30 pm Sim Wars: A Pediatric Anesthesia Simulation Scenario with Audience Participation**
Moderators: Samuel Wald, MD; Randolph H. Steadman, MD; Anita Honkanen, MD
- 4:00-6:00 pm Workshops**
- 6:30-7:30 pm Reception with Exhibitors**

SPA/AAP PROGRAM

Saturday, April 2, 2011

6:30-8:00 am PBLDs

7:00-8:00 am Continental Breakfast with Exhibitors

Core Lectures-The Pediatric Patient with Endocrine Disorders

Moderator: Kirk Lalwani, MD, FRCA, MCR

8:00-8:25 am Update on Stress Response to Surgery

Zeev N. Kain, MD, MBA

8:25-8:50 am Craniopharyngioma

Michael Gottschalk, MD

8:50-9:15 am Pheochromocytoma

Steven Waguespack, MD

9:15-9:30 am Questions and Discussion

9:30-10:00 am Coffee Break with Exhibitors and Posters

10:00-10:45 am Oral Presentations and Abstract Awards

10:45-11:00 am Questions and Discussion

11:00 am-12:30 pm Walk around Posters/Discussion Session

12:30-1:30 pm AAP Ask the Experts Panel and Lunch

1:30-2:30 pm Refresher Course Updates on Cardiac Anesthesia

Chandra Ramamoorthy, MBBS, FRCA

2:30-3:30 pm Refresher Course Review of Neonatal Anesthetic Management

Charles M. Haberkern, MD, MPH

1:30-4:30 pm Workshops

3:30-4:00 pm Coffee Break with Exhibitors

4:00-5:00 pm Keynote Lecture: Wellness and Physicians

Michael F. Roizen, MD

5:00-6:30 pm Evening Activity Wellness Cocktail Party

AAP Ask the Experts Panel

Anesthetic Management for Patients with Endocrine Disease

SPONSORED BY MONROE CAREEL JR. CHILDREN'S HOSPITAL, LUCILE PACKARD CHILDREN'S HOSPITAL & CHILDREN'S HEALTHCARE OF ATLANTA

Moderator: Carolyn Bannister, MD, FAAP

Diabetes/Hyperglycemia Management

Daniel Roke, MD

Thyroid Disease & Anesthesia

Akiko Ando, MD

Adrenal Insufficiency in Pediatric Anesthesia: To stress or not to stress

Julie Williamson, MD

Sunday, April 3, 2011

6:30-8:00 am PBLDs

7:00-8:00 am Continental Breakfast

8:00-9:00 am Pro/Con: Current Anesthesia Practices - A Family Feud Fest

Myron Yaster, MD, FAAP; Francis X. McGowan, Jr., MD; Lynn D. Martin, MD, FAAP, FCCM; Linda J. Mason, MD; Anne M. Lynn, MD; Lynn R. Ferrari, MD, FAAP; Lynda J. Means, MD; Lynne Gerson Maxwell, MD, FAAP

Editors' Best Picks

Moderator: Lynne Maxwell, MD, FAAP

9:00-9:20 am Anesthesiology

J. Lance Lichtor, MD

9:20-9:40 am Anesthesia and Analgesia

Peter J. Davis, MD

10:00-10:20 am Pediatric Anesthesia

Charles J. Coté, MD, FAAP

10:20-10:40 am Questions and Discussion

10:40-11:00 am Educational Summary

OBJECTIVES

CCAS Objectives

Surviving Chronic Hypoxia: Do we have the necessary genes?

At the conclusion of the lecture, the participants will have learned about the biology of hypoxic cell death and recent genetic findings that provide hope that new therapeutic approaches to hypoxic survival are feasible.

Ischemic Preconditioning: An interesting concept or a clinical reality?

At the conclusion of this lecture, participants will have learned about the innate mechanisms of multi-organ protection that can be induced by transient ischemic stimuli given to the local or remote tissues. Participants will also learn about potential opportunities for translation of these physiological principles into clinical benefits for patients with congenital heart disease.

Anesthetic Management of a Child with Long Standing Hypoxia

At the conclusion of the lecture, the participants will learn about the effects of long standing hypoxemia. Challenges of anesthetic management of children with chronic hypoxemia will also be discussed.

Cardiac MRI: Why Cardiologists Want It?

Upon completion of this lecture, the participant will know the indications and limitations of MRI as well as pertinent anesthetic issues (breath holding, type of IV access, etc.) involved in obtaining quality images.

Challenges of Anesthetizing for Cardiac MRI

At the conclusion of the lecture, the audience will learn about pitfalls and risks of anesthetizing children with congenital heart disease in MRI working environment.

Three Month Old Child with Dilated Cardiomyopathy for Evaluation for Heart Transplantation

At the conclusion of this talk, the audience will understand the utility of cardiac catheterization data in patients with dilated cardiomyopathy and how anesthetics impact this data. Audience members will also appreciate the challenges of induction and maintenance of anesthesia in this group of patients.

Williams Syndrome with Critical AS and PS for Cardiac Catheter and Potential Balloon Dilation

Upon completion of this lecture, the participant will understand the pathophysiology of Williams Syndrome as well as the incidence and the proposed risk factors for cardiac arrest under anesthesia.

Three Month Old with BT Shunt Brought to Cath. Lab with Severe, Persistent Desaturation

At the conclusion of this talk, the audience will understand the approach to managing the child with shunt-dependent pulmonary circulation.

Respiratory Mechanics After Cardiopulmonary Bypass

Upon completion of this lecture, the participant will be able to identify the detrimental effect of Cardiopulmonary Bypass on lung function, and will be able to determine pathophysiology based interventions experiencing post-bypass respiratory difficulties.

Pro: Extubation in the OR after CPB: Could We, Should We, Would We

Upon completion of this lecture, the participants will be able to discuss the feasibility of early extubation in children after undergoing bypass surgery, will be able to identify the factors associated with a successful early extubation, and will also learn about benefits of early extubation in children with single ventricle physiology following bi-directional Glenn and Fontan procedures.

Con: What't the Hurry: Pathophysiology the "fast trackers" don't want you to know

Upon completion of this Pro/Con session, the participant will be able to discuss key pathophysiologic issues related to postoperative ventilatory management of patients with congenital heart disease, and will also learn about risks and

benefits of "fast-tracking"/early extubation vs. delayed extubation of pediatric patients following major cardiac surgery.

Surgical Pathology of TET

At the conclusion of the lecture the audience will be introduced to a review of the anatomic characteristics of Tetralogy of Fallot and learn the variant lesions present in this defect. Pathologic specimens will be presented and examined.

Surgical Repair

At the conclusion of the lecture, participants will have had a comprehensive review of surgical options for the repair of children with Tetralogy of Fallot. The audience will have learned the factors considered in the process of surgical decision making in these children and the outcomes of the various repair strategies.

TEE Evaluation of TET/DORV

At the conclusion of the lecture, participants will have been given an outline of the echocardiographic examination of children with Tetralogy of Fallot. The audience will have learned the important TEE findings to examine in the perioperative period and methods of assessment of surgical repairs.

Pediatric Pain Medicine Special Interest Group Objectives

Integrative Techniques in the Treatment of Chronic Pain

After attending this lecture, the attendees will:

1. Know the common integrative therapies used for treatment of chronic pain
2. Be familiar with literature support for commonly used CAM therapies for treatment of chronic pain
3. Understand how to guide patients and families when asked about what CAM therapies to pursue

Regional Anesthesia Techniques for Palliative Care

Upon completion of this lecture, the attendee will:

1. Understand factors influencing clinical decision-making and potential risks and benefits of intraspinal infusions for children with chronic pain due to non-life-limiting illnesses and for children in palliative care, especially due to cancer and neurodegenerative disorders
2. Be aware of technical issues with placement of intraspinal devices, including the relative advantages and disadvantages of tunneled catheters, ports, or fully implanted pumps
3. Apply the information from goals 1 and 2 to optimize selection of techniques and management strategies for specific clinical settings

Chronic Abdominal Pain in Children

After attending this lecture, the attendees will:

1. Learn at least three common types of pediatric chronic pain and management of these conditions
2. Be able to diagnose and suggest appropriate treatment for pediatric CRPS
3. Be able to perform at least three common types of injections used in pediatric chronic pain patients
4. Understand how a psychological evaluation is done and why it is important in pediatric chronic pain.

Case Based Discussion on Managing the Complex Acute Pain Consults

Upon completion of this case-based discussion, the attendee will have a better understanding of:

1. The logistical challenges of undertaking a comprehensive biopsychosocial assessment and providing multidisciplinary treatment of pediatric pain in the inpatient setting

OBJECTIVES

2. The interface and transition between an inpatient and outpatient pediatric pain service
3. The management of their own and others' examples of complex and challenging acute, chronic, and acute-on-chronic pediatric pain patients in the inpatient setting

The Dark Side of Acute Pain Management in Pediatrics: How Did We Get Into This Mess?

Upon completion of this lecture, the attendee will be able to:

1. Describe the most common side effects of opioid therapy (vomiting, pruritus, bowel dysmotility, somnolence, tolerance)
2. Provide a management plan for the treatment of these side effects
3. Outline prospective model of a multi center trial to study medically induced opioid dependence

Pro/Con – Regional Should be First Line Treatment for CRPS

The controversies concerning the management of CRPS are numerous. The few pediatric studies on CRPS are too limited to provide evidence-based strategies. At the end of our presentation the participant will:

1. Understand the pros and cons of peripheral, neuraxial and sympathetic blockade in CRPS.
2. Be familiar with the spectrum of pharmacological intervention --from drug free programs to multi-receptor targeted, pharmacodynamic regimens.
3. Appreciate the multidisciplinary approach and the importance of physical therapy in various types of programs.

Jeopardy

Audience will participate in the discussion of various clinical scenarios, interpretation of diagnostic studies and decision-making processes regarding management of children with congenital heart disease.

SPA/AAP Objectives

Neurotoxicity in the OR-Are We Harming our Patients Brains?

Basic Science of Neurotoxicity

Upon completion of this lecture, the participant will be able to describe the preclinical science driving concern that a host of commonly used sedatives and anesthetic agents may harm the developing brain, identify the limitations of the laboratory research in relation to clinical care, and identify where research in this area is headed and what one can/should say to concerned parents based on the evidence available today.

Update on the Clinical Evidence of Anesthetic Neurotoxicity

Upon completion of this lecture, the participant will be able to review of recent epidemiologic evidence of anesthetic neurotoxicity, and update on the progress of national clinical trials.

Thoughts on Alternatives Techniques from a Survivor of Neonatal Anesthesia

Upon completion of this lecture, the participant will be able to develop strategies to minimize neuro-developmental toxicity of general anesthetics in neonates and infants to review regional anesthetic techniques in neonates and infants as to review the safety of regional anesthesia in neonates and infants.

Controversies Surrounding Other Common Therapies in the OR

Oxygen and Other Toxins

Upon completion of this lecture, the participant will be able to discuss the role of oxygen toxicity in neurologic and pulmonary development in preterm and

term infants to discuss the toxic implications of caffeine administered for apnea in newborns and to discuss the toxic implications of steroid administration in newborns.

The Myth of the Third Space

Upon completion of this lecture, the participant will be able to discuss the origins of perioperative fluid management in children, debate the existence of a third space and discuss isotonic versus hypotonic perioperative fluids and their relationship to postoperative hyponatremia.

Health Care Reform: The impact on healthcare delivery

The Massachusetts Experience

Upon completion of this lecture, the participant will be able to understand the factors precipitating MA Universal Coverage, brief overview of MA Universal coverage, efficacy of MA Universal Coverage, and make a comparison of MA Universal Coverage with new Federal Plan.

Unfunded Federal Mandates

Upon completion of this lecture, the participant will have a brief review of history of unfunded federal mandates, have an impact of recent unfunded mandates on healthcare, and understand the new unfunded mandates imbedded in the new healthcare bill.

AAP Advocacy Lunch - The Affordable Care Act at Year One: Tracking the Law's Progress for Children

Upon completion of this lecture, the participant will have learned about the first year of implementation of the Affordable Care Act (ACA) and its impact on children and pediatricians, be able to determine the role of the federal government in ensuring sufficient pediatric subspecialty workforce through ACA and other mechanisms, and learn effective ways to engage and educate federal policy makers through AAP and individual advocacy efforts.

Sim Wars: A Pediatric Anesthesia Simulation Scenario with Audience Participation

Upon completion of this presentation, the participant will experience an innovative approach to active learning and evaluation, learn about crisis-resource management during an acute pediatric perioperative vent, discuss the importance of communication during and after a patient complication, ascertain and gather different approaches, guidelines and evidence for the management of unanticipated events in infants and children during the perioperative period.

Core Lectures-The Pediatric Patient with Endocrine Disorders

Update on Stress Response to Surgery

Upon completion of this lecture, the participant will be able to review the psychologic stress response to surgery, be aware of the physiologic stress response to injury and physiologic stress response to anxiety, and discuss the perioperative and long term physiologic changes after surgery.

Craniopharyngioma

Upon completion of this lecture, the participant will be able to review incidence, treatment and typical presentation of patients with craniopharyngioma, discuss treatment options for patients with craniopharyngioma, discuss immediate perioperative concerns of craniopharyngioma surgery and discuss long term endocrine implications after craniopharyngioma surgery.

Pheochromocytoma

Upon completion of this lecture, the participant will be able to review incidence, treatment and typical presentation of patients with pheochromocytoma and other endocrinopathies associated with pheochromocytoma, discuss treatment options for pediatric patients with pheochromocytoma, discuss immediate perioperative concerns of pheochromocytoma surgery, and discuss longterm

OBJECTIVES

endocrine implications after pheochromocytoma surgery.

Keynote Lecture: Wellness and Physicians

Upon completion of this lecture, the participant will understand the connection between wellness and quality of life, and the quality of work environment. Strategies to develop a healthy lifestyle and work environment will be discussed. The costs and benefits of changing the workplace to a "wellness" environment will be discussed. This lecture will be followed by a brief reception with the speaker Dr Michael Roizen and will feature food and beverages which foster health.

Pro/Con Current Anesthesia Practices - A Family Feud Fest

Upon completion of this session, the participant will have the opportunity to review current pediatric anesthesia practice in a game-show format.

Editors Best Picks

Upon completion of this session, the participant will have the opportunity to critically review a few outstanding pediatric anesthesia papers published in the last year, *Anesthesiology*, *Anesthesia and Analgesia*, and *Pediatric Anesthesia*

Workshop Objectives

SPA Leadership Skills Workshop

Upon completion of the workshop the participant will be able to:

1. Differentiate between leadership and management
2. Define the components of emotional intelligence and how it relates to leadership
3. Define organizational culture
4. Delineate the relationship between organizational culture and leadership.
5. Identify the characteristics of an effective leader and team member.
6. Discuss characteristics of effective health care teams
7. Demonstrate use of key communication skills and modalities of conflict management to work effectively in a team
8. Describe different leadership models and identify when each style is most appropriately used
9. Evaluate leadership style usage through different instruments and be able to discuss one's relative strengths and weaknesses

Advanced Ultrasound Guided Regional Anesthesia Workshop

Upon completion of this workshop, the participant will have an understanding of:

1. Basic functions of the US machine with particular attention to the US probes
2. Machine settings for various age groups
3. Anatomy using US guidance of all peripheral nerve blocks including upper and lower extremity, truncal and central neuraxial blocks, and
4. Provide an instructional hands-on course with low faculty to attendee ratio to provide an understanding of how to scan and block most common peripheral/central neuraxial nerve blocks in children

Junior Faculty Research Workshop

This workshop is designed for junior and mid-level faculty who are beginning an academic career or who simply wish to advance their knowledge of research methodology. Topics include, but are not limited to: research design, statistical methods, and grant writing.

Practicing Pediatric Anesthesia During Surgical Missions, including Disaster Relief: What You Need to Know Workshop

Upon completion of this workshop, the participant will be able to discuss:

1. What equipment you will need to provide anesthesia for patients during non-cardiac short term surgical projects (missions) to a low-middle income country

2. Discuss Mapleson circuits commonly in use during short term surgical projects (missions)
3. Learn about pitfalls and dilemmas that occur in the mission environment by way of case discussions
4. Compare and contrast the provisions of anesthesia during typical missions to provision of anesthesia during relief missions.

Success in Academics

Upon completion of this workshop, the participant will be able to discuss:

1. The elements of career management
2. Enhancement their professional network
3. Completion of their career development plan
4. Taking a proactive role in managing their career.

Pediatric Epidural Workshop

Upon completion of this workshop, the participant will understand

1. The controversy surrounding direct needle placement of thoracic epidurals in infants
2. The technique of caudal advancement of epidural catheters in infants and young children
3. The technique of electrical stimulation to place epidural catheters,
4. The determination of whether the epidural catheter is in the correct surgical dermatome location
5. The infectious and neurologic complications associated with epidural catheters in infants and children and how to reduce associated risks
6. Choosing appropriate epidural solutions to provide the most effective and safe anesthesia and analgesia.

Difficult Pediatric Airway

Upon completion of this workshop, the participant will gain:

1. An understanding of situations in which alternative methods of securing the airway may be necessary
2. An understanding of the development of a systematic anatomic and physiologic approach to the assessment of the difficult airway and to planning airway management
3. An understanding of the availability of new devices and technologies for securing the airway and what their indications and limitations are, and
4. Hands on experience with these devices.

Simple Epidemiology for Clinicians

Upon completion of this workshop, the participant will understand:

1. The practical basics of clinical epidemiology,
2. The sources of bias in study design,
3. The concept of confounding in study design,
4. The various methods used to identify and control bias and confounding, including regression modeling, propensity scores, and instrumental variable, and
5. The readily available, user-friendly epidemiology software options for the clinical researcher.

Advanced Techniques for Peripheral Vascular Access

Upon completion of this workshop, the participant will be able to demonstrate and practice use of ultrasound to obtain peripheral venous access, demonstrate and practice the use of two types of intraosseous catheters to obtain emergent vascular access, and identify the potential advantages of near infra-red technology to optimize peripheral venous access.

Simulation

Upon completion of this workshop, the participant will be able to:

1. Introduce high fidelity simulation and its uses
2. Gain an understanding of the elements of performance that can be taught and assessed using high-fidelity simulation
3. Gain an understanding of the elements of team performance that could impact patient care

OBJECTIVES

4. Participate in scenarios to deepen understanding of effective approaches to unanticipated crisis events in the perioperative environment.

Integrating Acupuncture in Pediatric Peri-operative Care and Pain Medicine

Upon completion of this workshop, the participant will be able to:

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

Principles of Retirement Planning: Whether it is 5 years to 35 years away, and Everything in Between

Upon completion of this workshop, the participant will be able to

1. Describe common types of employer-sponsored retirement plans,
2. Explain the distinctions between “qualified” and “non-qualified” retirement plans, and the significance to the employee. 401k and 403b plans, as well as various other common types of pension plans and profit-sharing plans will be covered. Differences between “defined benefit” plans and “defined contribution” plans will be discussed, review aspects of commonly used individual retirement accounts (IRAs): traditional and Roth, which contributions may be tax-deductible, contribution limitations, income limitations, investment limitations, common pitfalls, etc, and outline generally accepted investment strategies, which will be based on the expected time to need use of the invested funds, the “time horizon”.

TEE

Upon completion of this workshop, the participant will understand the mechanics of conducting a basic TEE exam, and be familiar with basic interpretation of normal and abnormal TEE images.

Effective Feedback in Anesthesiology Education and Beyond

Upon completion of this workshop, the participant will

1. Increase his/her understanding of the adult learner and his/her value of learner self-assessment,
2. Recognize effective feedback and appreciate its importance as a teaching technique, and
3. Identify barriers to effective feedback and learn practical tools to increase both frequency and quality of learner feedback.

Pediatric Anesthesia Careers in Private Practice vs Academics: What is right for you?

Upon completion of this workshop, the participant will be able to:

1. Understand the continuum of organization styles within American pediatric anesthesiology (what is really private practice and what is really academics?),
2. Understand the structure and working environment of the typical academic and private practice,
3. Understand the advantages and disadvantages of each working environment, and
4. Have a better idea on the questions to ask during interviews for joining the typical academic and private practice.

Simulation Workshop

Upon completion of this workshop, the participant will be able to:

1. Review key elements in scenario design,
2. Develop individual scenarios in small workgroups,
3. Enact and debrief one of the developed scenarios,
4. Understand positive and negative elements in developed scenario, and
5. Understand the resources required to run the scenario.

Refresher Course Objectives

Muscular Dystrophy

Upon completion of this refresher course, the participant will be able to compare physiologies underlying different muscular dystrophies, identify aspects of preoperative evaluation that may help in preparing their patients for surgery, and to better adjust their anesthetic plans to fit the diseases of the patients.

Updates on Cardiac Anesthesia

Upon completion of this refresher course, the participant will be aware of what's new in pulmonary hypertension pathophysiology and management in children and the anesthetic implications. He/she will learn about chronic hypoxia and its effects on children's heart, using that knowledge to develop safe anesthetic practices, and be aware of the pitfalls of imaging studies in children with heart disease, one breathhold too many and when to say no.

Review of Neonatal Anesthetic Management

Upon completion of this refresher course, the participant will review/update of principles of neonatal physiology as they apply to anesthetic care for neonatal surgery, and review/update specific neonatal and surgical care issues that are applicable to anesthetizing these patients.

Update on Pediatric Pain

Upon completion of this refresher course, the participant will be able to review new treatment modalities for chronic pain issues in children, discuss alternative pharmaceutical and regional techniques for the management of acute post operative pain control, and review methods to reduce pain for the general pediatric hospitalized patient.

PBLD Objectives

Problem-based learning discussions will offer the opportunity for group discussion with faculty and other attendees of common clinical problems. The format will highlight aspects of clinical decision-making including preoperative evaluation and preparation, anesthetic induction and intra-operative management and possible intra- and postoperative pain and other management dilemmas.

HOTEL RESERVATIONS

Make your hotel reservations online at www.pedsanesthesia.org/meetings

Friday, April 1, 2011 Please mark your 1st, 2nd and 3rd choices.

SOLD OUT

A 1 month old with Pierre Robin Sequence with failed intubation and ventilation with saturation of 40%. John Fiadjo, MD; Paul Stricker, MD and Nicholas Dalesio, MD

_____ Table #2

It's Shocking: Management of Emergency Anesthesia for a One-year-old with Automatic Implantable Cardioverter-Defibrillator for Brugada Syndrome and Respiratory Syncytial Virus. Anna Todaro Brown, MD and Jamie McElrath Schwartz, MD

SOLD OUT

Urgent Exploratory Laparotomy in a 3 Month Old Infant with Unrepaired Tetralogy of Fallot and Biliious Emesis. Renee Kreeger, MD and James Spaeth, MD

_____ Table #4

Post operative analgesia for an 11 year old after a shoulder arthroscopy and Bankart repair. Harshad Gurnaney, MBBS and Arjunan Ganesh, MBBS

_____ Table #5

Postoperative fever and encephalopathy is a diagnostic hot potato. Mark E. Thompson, MD and Rita Agarwal, MD

_____ Table #6

Critical Care and Anesthetic Management of an Eight Year Old Trauma Victim with Flail Chest, Pulmonary Contusion, and Bronchial Disruption. Julie McWhorter, MD and Steve Auden, MD

_____ Table #7

Beyond malignant hyperthermia: Gastrostomy tube and MRI for a small, floppy infant. Julie Williamson, DO and Mirjana Vustar, MD

_____ Table #8

A Patient in Diabetic Ketoacidosis Requiring an Arterial Thrombectomy. John McCloskey, MD and Todd Kilbaugh, MD

_____ Table #9

You want airway obstruction on purpose!? Deep sedation with an unprotected airway for a 3 year old with severe OSA. Wendy Binstock, MD and Sara Pittenger, MD

SOLD OUT

When the dust has settled: Caring for the pediatric survivors of a natural calamity in the developing world. Andrew Pittaway, BM, BS, FRCA and Mike Richards, BM, BS, FRCA

Saturday, April 2, 2011 Please mark your 1st, 2nd and 3rd choices.

SOLD OUT

Anesthetic management of neonates with expanding congenital pulmonary lesions (congenital lobar emphysema, congenital cystic adenomatoid malformation) for urgent resection. Lianne L. Stephenson, MD and Christian Seefelder, MD

_____ Table #12

A Patient with Sickle Cell Disease and Moyamoya for Pial Syngangiosis. Craig D. McClain, MD and Hubert Benzon, MD

_____ Table #13

Anesthetic Management for Bilateral Paraganglioma Removal in a Malignant Hyperthermia Susceptible Teenager. Pilar Castro, MD and Melanie Ward, MD

_____ Table #14

Laparoscopic Ladd's Procedure in a Pediatric Patient Post Bi-Directional Glenn Shunt. Michelle Schlunt, MD and Charles Lee, MD

_____ Table #15

Emergent Separation of Thoracopagus Conjoint Twins with Complex Competing Congenital Heart Disease. Andrew D. Matisoff, MD and Richard Kaplan, MD

SOLD OUT

Down syndrome child with suspected bowel obstruction, history of congenital prolonged QT syndrome and egg allergy scheduled for CT scan. Shirley D'Souza, MD and Persis Shroff, MD

_____ Table #17

Dexmedetomidine for epileptic surgery in children. Heike Gries, MD, PhD and Rebecca Hall, MD

_____ Table #18

Anesthetic management for an epicardial pacemaker insertion in a neonate with congenital complete heart block within an hour after birth. Aruna T. Nathan, MBBS, FRCA and Lisa M. Montenegro, MD

_____ Table #19

Pregnancy Testing and Patient Refusal: What's an anesthesiologist to do? Norma J. Klein, MD and Sampaguita Tafoya, MD

SOLD OUT

Non-cardiac anesthesia for malrotation of the gut in a patient with hypoplastic left heart syndrome following hybrid palliation. Christopher Lancaster, MD and Aymen Naguib, MD

_____ Table #21

Pediatric Burns and Inhalation Injury – Anesthetic Management and Analgesia for Procedural Sedation. Sanjay M. Bhananker, MD, FRCA and Ben Walker, MD

_____ Table #22

Recurrent allergic reaction in the operating room and the process required to ultimately diagnose the allergen. Lisa Heyden, MD and Sudha Bidani, MD

_____ Table #23

Fire in the OR!! Pediatric Awake Craniotomy with Nasal Cannula and Duraprep Solution resulting in Facial Fire. Sarah Oswald, MD and Rose Campise-Luther, MD

_____ Table #24

Perioperative Pain Management in an Opioid-Dependent Child Undergoing Lower Extremity Amputation. John T. Algren, MD and Andrew Franklin, MD

_____ Table #25

The Importance of Professionalism in Creating a Culture of Patient Safety. Thomas Taghon, DO, and Jayant K. Deshpande, MD

_____ Table #26

Healing the Healers Problem Solving Strategies to decrease Burnout in Physicians. Haleh Saadat, MD and Alison A. Considine, MD

Sunday, April 3, 2011 Please mark your 1st, 2nd and 3rd choices.

_____ Table #27

Incorporating an ultrasound-guided regional anesthesia program into a busy private pediatric practice, is it feasible? And you think that we can send these children home with peripheral nerve local anesthetic infusion catheters. Myth or reality? Marjorie A. Lewis, MD and Robert D. Bryskin, MD

_____ Table #28

Child with extensive oro-facial hemangioma, high output cardiac failure, pulmonary hypertension and thrombocytopenia scheduled for central line access for chemotherapy. Persis Shroff, MD and Shirley D'Souza, MD

_____ Table #29

Diagnostic Dilemma-Hypotension in a child during general anesthesia plus supraclavicular block for proximal humerus osteochondroma resection. Jennifer L. Anderson, MD and Richard Kaplan, MD

_____ Table #30

Esophageal Food Impaction in a Child with epidermolysis bullosa. Jennifer Zieg, MD and Geoffrey Lane, MB, Chir

_____ Table #31

Massive Transfusion During Surgical Resection of a Sacrococcygeal Teratoma in a Premature Neonate. Lynda J. Means, MD and Tonya LK Miller, MD

_____ Table #32

Anesthesia for thoracoscopic repair of esophageal atresia (EA) and tracheoesophageal fistula (TEF) in a neonate. Debnath Chatterjee, MD and Kelly Stees, MD

_____ Table #33

Signals, here one minute gone the next... A 15 yr old with idiopathic scoliosis who experiences loss of intra-operative motor evoked potentials. Devika Singh, MD; Lynne Gerson Maxwell, MD, FAAP

_____ Table #34

The Evaluation and Anesthetic Management of a Child with Chronic Lung Disease and Pulmonary Hypertension for Hepatic Resection. Tae Kim, MD and Andrew Heath, MD

_____ Table #35

Second Tracheostomy in a 14 y.o. with Laryngeal Trauma. Jodie Johnson, MD and Andrew F. Stasic, MD

_____ Table #36

Tetanus: anesthetic management during a mass casualty natural disaster. Paul G. Firth, MB, ChB and John Bastien, CAPT, MD

_____ Table #37

To Trigger, or not to Trigger: That is the Question... A 10-year old girl with Rhabdomyolysis. Jessica L. Drescher, DO and Sandra L. Barcelona, MD

_____ Table #38

Altered Mental Status in a Child following Exploration for Small Bowel Obstruction. Gina Whitney, MD and Stephen R. Hays, MD

_____ Table #39

Anesthetic Management of a Pediatric Patient with a Complex III Mitochondrial Disorder. Mary Rabb, MD and Jael Carbajal, MD

_____ Table #40

An anatomy of a liver transplant. Ira Landsman, MD and Krystalynn Godwin, MD

_____ Table #41

Pediatric Patient with ALL and Postdural Puncture Headache: To Blood Patch or Not To Blood Patch? Elaine E. Lin, MD and Richard Elliott, MD

_____ Table #42

Bad Robot! – major hemorrhage in pediatric robotic urologic surgery. Catherine Bachman, MD and Sarah Pae

Name: _____ TOTAL \$: _____

WORKSHOPS & REFRESHER COURSES

Space is limited. Please circle your first, second and third choices for each time slot.

First fee listed is through 3/1/2011 and second is after 3/1/2011

THURSDAY, MARCH 31, 2011			
CHOICE	TIME	TITLE	FEE
_____	10:00 am-4:00 pm	SPA Leadership Skills Workshop: Samuel Yanofsky, MD; Ira Todd Cohen, MD, MEd; Niurka Rivero, MD	\$300/\$360
_____	SOLD OUT	Advanced Ultrasound Guided Regional Anesthesia: Santhanam Suresh, MD, FAAP; Adrian T. Bosenberg, FFA (SA); Arjunan Ganesh, MBBS; PA Lonnquist, MD; Hyun Kee Chung, MD; Amod Sawardaker, MD; Polina Voronov, MD; Senthilkumar Sadasivam, MD	\$200/\$250
FRIDAY, APRIL 1, 2011			
1:30 PM START TIME			
1 • 2 • 3	1:30-3:30 pm	Junior Faculty Research: Jerome Parness, MD	No charge
1 • 2 • 3	1:30-3:30 pm	Practicing Pediatric Anesthesia During Surgical Missions, including Disaster Relief - What You Need to Know: George D. Politis, MD, MPH; Craig D. McClain, MD, MPH; Quentin Fisher, MD, FAAP	\$60/\$75
1 • 2 • 3	1:30-4:00 pm	Success in Academics: Samuel Yanofsky, MD; Franklin Cladis, MD; Ira Todd Cohen, MD, MEd; Diviya Dixit, MD	\$50
4:00 PM START TIME			
1 • 2 • 3	4:00-7:00 pm	Advanced Ultrasound Guided Regional Anesthesia: Santhanam Suresh, MD, FAAP; Adrian T. Bosenberg, FFA (SA); Arjunan Ganesh, MBBS; PA Lonnquist, MD; Navil F. Sethna, MBChB; Lorán Mounir Soliman, MD; Carmen Simion, MD; Susuma Ohkawa, MD	\$200/\$250
1 • 2 • 3	4:00-6:00 pm	Pediatric Epidural Workshop: Christine Greco, MD; Connie Monitto, MD; Francis Kraemer, MD; Navil Sethna, MD	\$60/\$75
1 • 2 • 3	4:00-6:00 pm	Principles of Retirement Planning: Whether it is 5 years to 35 years away, or anything in between: Jonathan D. Griswold, MD	\$60/\$75
1 • 2 • 3	4:00-6:00 pm	Difficult Pediatric Airway: David M. Polaner, MD, FAAP; Cheryl Gooden, MD, FAAP; Bruno Marciniak, MD; Peter Szmuk, MD; Geoffery Lane, MB, BCh, FRCA	\$60/\$75
1 • 2 • 3	4:00-6:00 pm	Advanced Techniques for Peripheral Vascular Access: Gregory J. Schears, MD; Scott Markowitz, MD; Dawit Haile, MD; Luis Zabala, MD; PJ Ppronapfel, MD; Darrell Berkowitz MD	\$60/\$75
1 • 2 • 3	4:00-6:00 pm	Simple Epidemiology for Clinicians: Thomas R. Vetter, MD, MPH	\$60/\$75
REFRESHER COURSES (You will not be registered for a Refresher Course if its time conflicts with your chosen workshops.)			
_____	1:30-2:30 pm	Muscular Dystrophy: Philip G. Morgan, MD	No charge
_____	2:30-3:30 pm	Update on Pediatric Pain: Charles B. Berde, MD, PhD	No charge
SATURDAY, April 2, 2011			
1 • 2 • 3	1:30-4:30 pm	Advanced Ultrasound Guided Regional Anesthesia: Santhanam Suresh, MD, FAAP; Adrian T. Bosenberg, FFA (SA); Arjunan Ganesh, MBBS; PA Lonnquist, MD; Sean Flack, MB, ChB, FCA, DA; Joel Stockman, MD; Co Troung, MD; Allen Bielsky, MD; Robert Powers, MD	\$200/\$250
1 • 2 • 3	SOLD OUT 1:30-4:05 pm Sessions 2 & 4 2:15-4:50 pm	Simulation: Anita Honkanen, MD; Richard H. Blum, MD; Sharon Redd, MD; Ellen Wang, MD; Aruna Nathan, MD; Robbie Hales, MD; Harshad Gurnaney, MD; Douglas Thompson, MD; Michael Richards, MD; Andrew Pittaway, MD; Michael Chen, MD; Radhamangalam "RJ" Rammamurthi, MD, MBBS, FRCA; Rebacca Claire, MD; Manchula Navaratnam, BSc(Hons), MBChB,FRCA; Douglas R. Thompson, MD; Daniel Rubens, MBBS, FANZCA; Don Stephanian, Breanna York; Bistra Vlassakova, MD	\$60/\$75
1 • 2 • 3	1:30-3:30 pm	Integrating Acupuncture in Pediatric Peri-operative Care and Pain Medicine: Shu-Ming Wang, MD; Brenda Golianu, MD; Rosalie Tassone, MD, MPH	\$60/\$75
1 • 2 • 3	1:30-3:30 pm	TEE: James A. DiNardo, MD; Jochen D. Muehlschlegel, MD; Lauren J. Cornella, MD	\$60/\$75
1 • 2 • 3	1:30-3:30 pm	Pediatric Anesthesia Careers in Private Practice vs Academics: What is right for you?: Randall M. Clark, MD	\$60/\$75
1 • 2 • 3	1:30-3:30 pm	Effective Feedback in Anesthesia and Beyond: Sally Bitzer, MD; Ira Todd Cohen, MD, MEd; Jamie Schwartz, MD; Jessica George, MD	\$60/\$75
REFRESHER COURSES (You will not be registered for a Refresher Course if its time conflicts with your chosen workshops.)			
_____	1:30-2:30 pm	Updates on Cardiac Anesthesia: Chandra Ramamoorthy, MBBS, FRCA	No charge
_____	2:30-3:30 pm	Review of Neonatal Anesthetic Management: Charles M. Haberkern, MD, MPH	No charge
			TOTAL DUE \$

Please submit this form with the Pediatric Anesthesiology 2011 Scientific Program Registration form on page 17.

Name (Please print): _____

PEDIATRIC ANESTHESIOLOGY 2011

March 31 - April 3, 2011 • Sheraton San Diego Hotel & Marina • San Diego, CA



SCIENTIFIC PROGRAM REGISTRATION

REGISTER ONLINE AT WWW.PEDSANESTHESIA.ORG!

It's fast, easy, secure and updated with any sold-out workshops or PBLDs!

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; e-mail: spa@societyhq.com

PLEASE PRINT OR TYPE

Name _____
Last First MI

Preferred Mailing Address _____

City / State / Zip _____ Email Address* _____

Office Phone _____ Home Phone _____ Fax # _____

***E-mail required for registration confirmation.**

	Through 3/1/2011	After 3/1/2011	
<input type="checkbox"/> SPA/AAP Section on Anesthesiology Member	\$495	\$595	= \$ _____
<input type="checkbox"/> Non-Member - US & Canada	\$695	\$770	= \$ _____
<input type="checkbox"/> Non-Member - International	\$495	\$595	= \$ _____
<input type="checkbox"/> Resident/Fellow Member*	\$160	\$185	= \$ _____
<input type="checkbox"/> Resident/Fellow* (Non-Member)	\$200	\$225	= \$ _____
<input type="checkbox"/> Allied Health	\$325	\$350	= \$ _____
<input type="checkbox"/> Nurse Anesthetist	\$325	\$350	= \$ _____
<input type="checkbox"/> Pediatric Pain Medicine Special Interest Group	\$250	MUST BE A SPA REGISTRANT TO ATTEND	= \$ _____
<input type="checkbox"/> Workshops & Refresher Courses <i>(Please enter the total amount from page 16, and return that page with your selections.)</i>			= \$ _____
<input type="checkbox"/> PBL Discussions <i>(Please enter the total amount from page 15, and return that page with your selections.)</i>			= \$ _____
<input type="checkbox"/> I'll attend the Friday Reception	No Charge	MUST BE A SPA REGISTRANT TO ATTEND	No Charge
<input type="checkbox"/> Accompanying Person(s) # _____ @ _____	\$35	\$50	= \$ _____
Accompanying Person(s) Name(s): _____			
<input type="checkbox"/> SPA Educational/Research Fund Donation [†] (\$50 is suggested)			= \$ _____
Meeting Total:			= \$ _____

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

[†]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 AAP
 How did you hear about the meeting? Website Printed Program Postcard Mailing
 Word of mouth ASA Calendar of Meetings Other _____

If applying for SPA 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 _____ CVV Code: _____ Exp. Date _____

Signature _____ Printed Name on Card _____

Credit Card Billing Address: _____ Credit Card Zip Code: _____

Refund Policy: For Workshops, Scientific Meeting and PBLD's, a full refund through 3/1/2011; 50% refund from 3/2 - 3/15/2011; no refunds after 3/15/2011. 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.

International Assembly
of
**PEDIATRIC
ANESTHESIA**

October 10 - 12, 2012

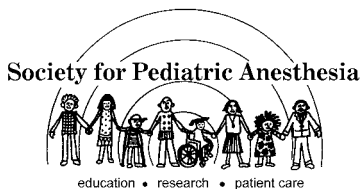
Marriott Wardman Park Hotel • Washington, DC

Society for Pediatric Anesthesia



education • research • patient safety

WWW.INTERNATIONALASSEMBLY2012.ORG



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

MEMBERSHIP APPLICATION

Last Name: _____ First Name: _____ MI: ___ MD DO PhD CRNA Other

Preferred Mailing Address: _____

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.

Residency Location: _____

Completion Date: _____ Signature of Program Director: _____

Payment Options:

Check or Money Order Enclosed (US Funds) Made Payable to: SPA, 2209 Dickens Rd., Richmond, VA 23230-2005.

AmEx Mastercard Visa Discover Card Number: _____

Expiration Date: _____ Printed Name on Card: _____

Signature: _____ Date: _____

Society for Pediatric Anesthesia



education • research • patient care

2209 Dickens Road
Richmond, VA 23230-2005

Non-Profit Org.
U.S. Postage
PAID
Permit No. 1225
Richmond, VA

PEDIATRIC ANESTHESIOLOGY 2011

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

March 31 - April 3, 2011

Sheraton San Diego
Hotel & Marina
San Diego, CA