

Pediatric Anesthesiology

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

April 3 – 6, 2008 • Sheraton San Diego Hotel & Marina • San Diego, California



Society for Pediatric Anesthesia



education • research • patient care

www.pedsanesthesia.org

**American Academy
of Pediatrics**



www.aap.org/sections/anes

PROGRAM INCLUDES:



- A full-day CCAS program
- PALS Course
- MHAUS Symposium

WELCOME TO PEDIATRIC ANESTHESIOLOGY 2008



Randall Flick, M.D., M.P.H., F.A.A.P.
Winter Meeting Program Chair

This year's *Pediatric Anesthesiology 2008* Meeting will be held in conjunction with the American Academy of Pediatrics Section on Anesthesiology & Pain Medicine, April 3-6 at the San Diego Hotel and Marina. The location is beautiful and the meeting should be informative, entertaining and enlightening.

This is my second and final year as the Program Chair, and I am thrilled with how the program has come together. There are many changes that I hope you will appreciate. One change that I, especially, appreciate is the addition of an Associate Program Director. Linda Mason has been enormously helpful with this meeting and next year will take over as Program Chair.

The 2008 meeting has many highlights and new offerings including:

- Thursday will feature meetings of the Congenital Cardiac Anesthesia Society (CCAS) and The Malignant Hyperthermia Association of the United States (MHAUS). Registration for both of these meetings is separate but forms are included in this brochure. Also on Thursday, a PALS course will be offered and is open to 50 registrants.
- Friday's topics include: Toxicity of commonly used anesthetics with lectures from the central figures in this debate; a session that includes a challenge to the view that if some oxygen is good then more must be better; and a lecture that challenges our views on hypercapnia and acidosis. Finally, the morning will wrap up with lectures on pediatric trauma including some new perspectives on head trauma and fluid management by Donald Prough and Patrick Kochanek, two leaders in the field. Following the morning session will be lunch including the AAP advocacy lecture.
- On Saturday we will be introducing a morning session called, "The Pediatric Core". This year it will be devoted to neonatology and will be sponsored by the neonatal faculty at Stanford University. The session is intended to provide an update on what is new and relevant in neonatal practice.
- Sunday will begin with a lecture from Alex Evers, Chair of Anesthesiology at Washington University, entitled *The Future of Research in Pediatric Anesthesiology*. The lecture is sponsored by Sonosite and will be followed by a review of the past years best articles by the editors from *Pediatric Anesthesia*, *Anesthesia and Analgesia*, *Anesthesiology* and *Critical Care Medicine*.

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 expanded offering of 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 Linda Mason, your Program Chair for 2009-2010.

I hope you enjoy the meeting.

MEETING INFORMATION

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.

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 **18.5 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.

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, 2007 in order to receive service.

Resort Information

Nestled 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 renowned attractions including the San Diego Zoo, Old Town and Balboa Park.

Enjoy the playground that is San Diego right at the hotel! With a basketball court, tennis courts, spa, health club, three year-round pools, water volleyball, jogging trails and restaurants, there's

no need to leave the grounds to have a great time.

But should you want to venture out, exploration is invited. You won't have to travel far to seek adventure. Just steps away, charter four exciting ways to discover San Diego Bay. Chase the sun and choose from a 1934 Vintage Sailing Yawl that carries up to 20 guests or a high speed X Navy Seal Rib boat for six guests. Gather up to 49 of your closest friends and climb aboard The Aolani – a South Seas Catamaran or on the Inspiration – a classic Cabin Cruiser. Explore, share the warmth, and connect with friends and family. An exhilarating experience awaits at San Diego Bay.

Or explore the San Diego waterfront on a California-style cruiser bicycle along the many bicycle trails winding around the area. Single-speed child, adult and adult with child carrier bicycles can be rented by the hour or half day.



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CCAS PROGRAM

THURSDAY, APRIL 3, 2008



- 6:45 am** **Registration and Continental Breakfast**
- 7:30-7:40 am** **Welcome Address**
Dean Andropoulos MD, CCAS President
- 7:40-7:45 am** **Outline of Educational Session**
James A. DiNardo MD, Program Director
- 7:45-9:15 am** **CARDIAC ANESTHESIA UPDATE**
Moderator: Steven R. Tosone, MD
- The Hybrid Procedure for HLHS**
Mark Galantowicz, MD
- Mechanical Circulatory Support for Post-Cardiotomy Failure**
Ravi Thiagarajan, MD, MPH
- Questions
- 9:15-9:30 am** Break
- 9:30-11:00 am** **IN MY OPINION** (each panel member gets 5 minutes/topic; 3 topics)
Moderator: Emad B. Mossad, MD
- Panel: Christopher F. Tirotta, MD; Glyn D. Williams, MBChB; David F. Vener, MD; Susan C. Nicolson, MD
- Topics:**
- 1) The Best Inotrope for Terminating CPB is...
- 2) Tight control of blood glucose on CPB is...
- 3) Serum lactate as a predictor of outcome is...
- Questions
- 11:15 am-12:20 pm** **THE FONTAN PATIENT**
Moderator: David A. Rosen, MD
- The Failing Fontan: Pathophysiology
Scott G. Walker, MD
- Systematic Approach to Pre-Operative Evaluation of the Fontan Patient
Suanne M. Daves, MD and Karen M. Thomson, MD
- Questions
- 12:30 to 1:30 pm** Lunch
- 1:30-2:45 pm** **HOW I MANAGE IT** (each panel member gets 5 minutes/topic; 4 topics)
Moderator: Victor C. Baum, MD (will provide case details)
- Panel: Dean B. Andropoulos, MD; James P. Spaeth, MD; Francis X. McGowan, MD
- 3 month old s/p Stage 1 palliation for brain MRI
- 8 month old Trisomy 21 s/p TOF/CAVC repair for DL/bronchoscopy
- 3 day old s/p Stage 1 palliation with uncontrolled post-CPB bleeding
- 10 year old HLHS s/p OHT, severe CAV, developmentally delayed, needle phobic for myocardial biopsy/coronary angiography
- Questions
- 2:45-3:00 pm** Mid-Afternoon Break
- 3:00-5:00 pm** **WORKSHOPS**
- 3:00-4:00 pm** **Transesophageal Echocardiography in Children: An Interactive Session**
Wanda C. Miller-Hance, MD
- 4:00-5:00 pm** **Mechanical Ventilation: Nuts and Bolts**
Stephen A. Stayer, MD

CCAS PROGRAM REGISTRATION FORM

Thursday, April 3, 2008

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

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	Through 2/22/08	After 2/22/08
<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.)

Personal Check VISA MasterCard American Express Discover

Card No _____ Exp. Date _____

Signature _____ Printed Name on Card _____

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 2/22/2008; 50% refund from 2/23 - 3/3/2008; no refunds after 3/3/2008. 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.



SPA/AAP PROGRAM

THURSDAY, APRIL 3, 2008

8:00 am-5:00 pm **PALS COURSE** - No CME Credit offered (*Separate \$250 registration required. Includes lunch & book. See registration form on Page 13.*)
Donald H. Shaffner, MD; Elizabeth Berg, RN; Franklyn P. Cladis, MD; Inge Falk van Rooyen, MB, ChB, FRCA;
Cheryl K. Gooden, MD, FAAP; Paul H. Liu, MD, FAAP, FCCM; Michele A. Moro, MD, MPH; Robert C. Pascucci, MD;
Sally E. Rampersad, MB, DCH, FRCA; Alan Jay Schwartz, MD; David Allan Young, MD, FAAP

**SYMPOSIUM ON MALIGNANT HYPERTHERMIA-ASSOCIATED DISEASES:
WHO NEEDS A NONTRIGGERING TECHNIQUE?**

(Separate registration required. No charge. See registration form on page 13. NO CME CREDITS AVAILABLE.)

Sponsored by Malignant Hyperthermia Association of the United States (MHAUS)

Program Director: Ronald S. Litman, DO, FAAP

7:30-8:00 am Continental Breakfast

8:00-8:15 am **Introductory Remarks**
Ronald S. Litman, DO, FAAP

8:15-9:15 am **Dystrophinopathies**
Amanda K. Brown, MD, Harshad Gurnaney, MD

9:15-10:15 am **Congenital Myopathies**
Thierry Girard, MD

10:15-10:45 am Refreshment Break

10:45-11:45 am **Myotonias**
Jerome Parness, MD, PhD

11:45 am-1:00 pm Lunch on own

1:00-1:45 pm **Heat and Exercise-Related Rhabdomyolysis**
John Capacchione, MD

1:45-2:30 pm **Miscellaneous Disorders**
Joan Benca, MD

2:30-3:00 pm Refreshment Break

3:00-3:30 pm **Differential Diagnosis of the Hypotonic Infant Presenting for Muscle Biopsy**
Thomas Crawford, MD

3:30-4:00 pm **Anesthetic Management of the Hypotonic Infant Presenting for Muscle Biopsy**
Barbara Brandom, MD

4:00-4:30 pm **Audience Discussion**

6:00-7:30 pm **Welcome Reception**

SPA/AAP PROGRAM

FRIDAY, APRIL 4, 2008

6:30-7:30 am Continental Breakfast With Exhibitors & Posters
7:30 am Welcome Messages
Jayant Deshpande, MD; Randall Flick, MD, MPH, FAAP; Joseph Cravero, MD

THE ANESTHETIC ENVIRONMENT: FIRST DO NO HARM Moderator – Lisa Wise-Faberowski, MD

7:45-8:15 am **Anesthetics and the Developing Brain I**
Vesna Jetovic-Tedorivic, MD, PhD

8:15-8:45 am **Anesthetics and the Developing Brain II**
Sulpicio G. Soriano III, MD, FAAP

8:45-9:00 am Discussion

UNCONVENTIONAL WISDOM Moderator – TBA

9:00-9:30 am **Oxygen: Friend or Foe**
John B. Downs, MD

9:30-10:00 am **Hypercapnia: Permissive & Therapeutic**
John G. Laffey, MD, MA, FEARSCI

10:00-10:10 am Discussion

10:10-10:30 am Break With Exhibitors & Posters

TRAUMA: CURRENT CONCEPTS Moderator – Robert M. Spear, MD

10:30-11:00 am **Pediatric Trauma Care: An Overview**
Allison Kinder Ross, MD

11:00-11:30 am **Controversies in Fluid Management for the Trauma Patient**
Donald Sanderson Prough, MD

11:30 am-12:00 pm **Current Concepts Head Trauma**
Patrick M. Kochanek, MD

12:00-12:10 pm Discussion

12:10-12:30 pm Break with Exhibitors & Posters

12:30-1:30 pm **AAP Advocacy Lunch: "Teen Driving Safety: What You Don't Know Could Kill Your Teenager"**
Moderator – Joseph P. Cravero, MD, FAAP
Sponsored by Mayo Clinic, Rochester
Flaura K. Winston, MD, PhD

1:30-3:00 pm **Jeopardy**
Myron Yaster, MD, FAAP

3:00-4:00 pm Break With Exhibitors & Posters

4:00-6:00 pm Refresher Courses & Workshops
(Please see Page 12 for a list of Refresher Courses and Workshops)

6:00-7:00 pm Wine & Cheese Reception with Exhibitors
Presentation of Robert M. Smith Award and Poster Awards

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. Lunch will be provided.

- **Fellows Research Workshop**
Alan R. Tait, MD
Jerrold Lerman, MD

- **Junior Faculty Workshop: Success in Academics**
Joseph R. Tobin, MD, FAAP, FCCM, Co-Director
Samuel David Yanofsky, MD, MEd, Co-Director
Franklyn P. Cladis, MD; Ira Todd Cohen, MD; Divya Dixit, MD; Julie G. Nyquist, PhD; Mary Lou Voytko, PhD

SPA/AAP PROGRAM

SATURDAY, APRIL 5, 2008

6:30-8:00 am **PROBLEM BASED LEARNING DISCUSSIONS** (Please select one.) **1.5 Additional CME Credits**

1. "Oh Good, Anesthesia's Here": An 18-month-old Child with Cystic Hygroma and Airway Obstruction After Sclerotherapy
Sabine Kost-Byerly, MD, Julie Williamson, DO
2. Problems in Pediatric PACU
Prabhakar Devavaram, MBBS, Richard H. Blum, MD, MSE
3. A 2 Year-Old with Cardiomyopathy and Mitral Regurgitation for Dental Rehabilitation Procedure
Zvi C. Jacob, MD, Peggy A. Seidman, MD
4. Anesthesia for Mother and Fetus During the EXIT Procedure
Paul I. Reynolds, MD
5. Intraoperative Monitoring for an Adolescent Having Posterior Spinal Fusion Who is S/P Fontan Procedure
Robert B. Bryskin, MD, Allison Kinder Ross, MD
6. Anesthetic Implications of Neonatal Vein of Galen Aneurysmal Malformation (VGAM)
Ira Landsman, MD, Holly Richter, MD, PhD
7. The CAN INTUBATE, CANNOT VENTILATE Scenario in a Patient with Anterior Mediastinal Mass
Priti G. Dalal, MBBS, MD, FRCA, Kenneth J. Saliba, DO
8. Acute Mental Status Changes and Hypoxemia following Closed Reduction of Femur Fracture
Edwin A. Bowe, MD, Arundathi M. Reddy, MBBS
9. Anesthetic Management of Prolonged QT Syndrome, Torsades de Pointes, and Disclosure of a Medical Mistake
David Allan Young, MD, FAAP, Chris D. Glover, MD
10. Child with Upper Airway Burn Secondary to Ingestion of Liquid Fire
Taranjit S. Sangari, MD, Shailesh R. Shah, MD
11. Circulatory Collapse in a 12 Day Old Infant During Laparoscopic Pyloromyotomy
Susan P. Taylor, MD, George M. Hoffman, MD
12. CO2 Laser Supraglottoplasty in a Four Week Old Ex-Preemie
Joan Ann Ascher, MD
13. Anesthetic Management of An Infant for Vitrectomy with An LMA and Subtenon's Block
Alice L. Landrum, MD, Joseph D. Tobias, MD
14. Venous Air Embolism in An Awake Child
Cheryl K. Gooden, MD, FAAP; Linda J. Mason, MD
15. Lesser Evil in Multiple Metabolic Diseases
Kathleen R. Rosen, MD, Vipin Bansal, MD
16. Pediatric Polytrauma – Crash Craniotomy or Emergent Laparotomy? What About ORIF of Open Fractures?
Sanjay Madhav Bhananker, MD, FRCA; Monica S. Vavilala, MD

7:15-8:00 am Continental Breakfast With Exhibitors & Posters

8:00-10:00 am **NEONATOLOGY CORE – Sponsored by Stanford University** Moderator – Anita Honkanen, MD

8:00-8:20 am **Neurodevelopmental Outcomes of Preterm Infants: Perinatal, Clinical, and Sociodemographic Determinants**
Susan R. Hintz, MD

8:20-8:40 am **Surgical Care of Neonates: Trends and Techniques**
Craig T. Albanese, MD or Sanjeev Dutta, MD, MA, FRCS(C)

8:40-9:00 am **State of the Art: Respiratory Distress Syndrome**
Krisa Van Meurs, MD

9:00-9:20 am **Disaster Preparedness: The California Focus on Neonatal Care and Preparation: The Role of the Anesthesiologist**
Alvin Hackel, MD, FAAP

9:20-9:30 am Discussion

9:30-10:00 am Break with Exhibitors & Posters

10:00-10:45 am **Abstract Award Presentations**
Randall P. Flick, MD, FAAP, MPH; Joseph P. Cravero, MD

10:45-11:00 am Discussion

11:00 am-12:30 pm **Walk-Around Poster Discussion**

12:30-1:30 pm **AAP Business Meeting/Ask The Experts Panel: Anesthesia for Neonates - A Case-Based Discussion**
Moderator: Constance S. Houck, MD • **Panelists:** Claire M. Brett, MD, FAAP; Nina A. Guzzetta, MD, Kirk Lalwani, MD, FRCA
Box lunches sponsored by Children's Healthcare of Atlanta at Eggleston & Doernbecher Children's Hospital

1:30-3:30 pm **Workshops & Refresher Courses**
(Please see Page 12 for a list of Refresher Courses and Workshops)

SPA/AAP PROGRAM

SUNDAY, APRIL 6, 2008

6:30-8:00 am **PROBLEM BASED LEARNING DISCUSSIONS (Please select one.) 1.5 Additional CME Credits**

- | | |
|---|--|
| <p>17. Anesthetic Management in a Child with TOF/PA S/P Right Modified Blalock – Tausig Shunt Who Presents for Resection of a Posterior Fossa Mass in the Prone Position
Darryl H. Berkowitz, MB, BCh, Aruna Nathan, MBBS</p> <p>18. Toddler with Difficult Airway and History of Recurrent Pneumonia for Fundoplication
Michelle D. Browne, MD, Rita Agarwal, MD, FAAP</p> <p>19. Cardiac Arrest in a 6 Month Old Female during Craciostynosis Repair
Petra Meier Haran, MD, DEAA, Sulpicio G. Soriano, III, MD, FAAP</p> <p>20. Anesthetic Management of Laparoscopic Pheochromocytoma Resection in a 13 Year-Old Boy With Asthma
Nancy L. Glass, MD, MBA, FAAP, Martin Mueller, MD</p> <p>21. Partial Pancreatectomy
Kimberly Singer, MD, Kenneth S. Stewart, DO</p> <p>22. Postoperative Pain Management Strategies for a 13 Year-Old with von Willebrand Disease and a History of Obstructive Sleep Apnea Presenting for Anterior Cruciate Ligament Reconstruction of the Knee
Arjunan Ganesh, MBBS, Lynne Gerson Maxwell, MD, FAAP</p> <p>23. A Challenging MRI Scan
Michael J. Richards, BM, Jeffrey R. Zavaleta, MD</p> | <p>24. Management of an 8 Month-Old Infant with Opioid Tolerance After Three Weeks in the PICU
Julia C. Finkel, MD, Sophie R. Pestieau, MD</p> <p>25. Lung Bleb Resection in a 3.2kg Infant
Catherine R. Bachman, MD, Michael Hernandez, MD</p> <p>26. Perioperative Management of Diabetic Adolescent for Tonsillectomy Using Insulin Pump Therapy
Sandra L. Barcelona, MD</p> <p>27. What's That Sound?
Jennifer P. Aunspaugh, MD, Fernando L. Zaragoza, MD</p> <p>28. Anesthetic Considerations for the Thoracoscopic Repair of a Tracheoesophageal Fistula in a Neonate
Lynn M. Broadman, MD</p> <p>29. Patient with Pierre-Robin Syndrome, CDH and Bowel Obstruction
Alexander S. Matveevskii, MD, PhD, Kelly Hyde, MD</p> <p>30. A Large Laryngeal Mass in an Uncooperative, Obese 9 Year Old
Erin Griffith, MD, Cathleen R. Lammers, MD, FAAP</p> <p>31. Anesthesia for Scoliosis Correction in an Adolescent Complicated by Previous Resistant Bradycardia
Kevin Carson, MBBS, FFARCSI, D:P Med (CARCSI)</p> <p>32. Tamponade and Fontan Physiology
James J. Fehr, MD, William Waldrop, MD</p> |
|---|--|

7:15-8:00 am Continental Breakfast

8:00-8:40 am **SonoSite Lecture: The Future of Research in Pediatric Anesthesia** Moderator – Randall Flick, MD, MPH, FAAP
Alex S. Evers, MD

8:40-8:50 am **2007's Best: Editors Pics**
Moderator: Alex S. Evers, MD

8:50-9:10 am **Anesthesia & Analgesia**
Peter J. Davis, MD

9:10-9:30 am **Anesthesiology**
Jerrold Lerman, MD

9:30-9:50 am **Pediatric Anesthesia**
Neil S. Morton, MB, ChB, FRCA

9:50-10:10 am **PCCM/CCM**
Patrick M. Kochanek, MD

10:10-10:30 am **Moderator Picks**
Alex S. Evers, MD

10:30-10:45 am **Discussion & Questions/Audience Response/Meeting Feedback**
Randall P. Flick, MD, MPH, FAAP

SPA/AAP PROGRAM

Workshops & Refresher Courses

Friday, April 4, 2008

WORKSHOPS

- 4:00-6:00 Epidural**
Christine Greco, MD, FAAP; Navil F. Sethna, MB, ChB;
Benjamin H. Lee, MD, MPH; Jeffrey L. Koh, MD
- 4:00-6:00 Overview of Personal Financial Planning**
Jonathan Griswold, MD
- 4:00-6:00 Pediatric Preoperative Evaluation Clinics**
Raafat Hannallah, MD; Eric P. Wittkugel, MD;
Julie J. Niezgoda, MD; Charles Lee, MD; Karen M.
Thomson, MD

- 4:00-6:00 Peripheral Nerve Blocks**
Santhanam Suresh, MD, FAAP;
Edward Rivera Mariano, MD
- 4:00-6:00 Sedation Service Provision: Different Models of Care**
Joseph Cravero, MD, Desmond Bryan Henry, MD;
Ronald S. Litman, DO; Keira P. Mason, MD
- 4:00-6:00 Ultrasound Applications in Vascular Access**
Stuart Hall, MD; Tetsu Uejima, MD, Erin Gottlieb, MD

REFRESHER COURSES

- 4:00-5:00 Temperature Management in the Pediatric Patient-Hypothermia, Hyperthermia: Does It Make A Difference in Outcomes?**
Bruno Bissonnette, MD
- 4:00-5:00 Turnover Times for Pediatric Anesthesia**
Franklin Dexter, MD, PhD

- 5:00-6:00 Awareness During Anesthesia in Children**
Andrew J. Davidson, MBBS, FANZCA
- 5:00-6:00 Risk/Benefit of Postoperative Analgesia Techniques: The UK Perspective**
Neil S. Morton, MB, ChB, FRCA

Saturday, April 5, 2008

WORKSHOPS

- 1:30-3:30 Airway**
John T. Algren, MD, FAAP; M. Gail Boltz, MD;
Kelly Chilson, MD, Brandon Kibby, DO;
Kirk Lalwani, MD, FRCA; Isabella I. Mukherji, MD
Patrick N. Olomu, MD, FRCA; Paul J. Samuels, MD;
Anshuman Sharma, MD, FFARSCI;
Angela T. Zimmerman, MD
- 1:30-3:30 Epidural**
John Rose, MD, FAAP;
Kenneth R. Goldschneider, MD, FAAP;
Witt Kraemer, MD, Shailesh R. Shah, MD

- 1:30-3:30 Teaching the ACGME Core Competencies to Residents**
William B. McIlvane, MD, CM, FRCPC;
Randall C. Wetzel, MBBS, FAAP;
Samuel David Yanofsky, MD, MSEd
- 1:30-3:30 Peripheral Nerve Blocks**
Santhanam Suresh, MD, FAAP;
Edward Rivera Mariano, MD
- 1:30-3:30 Ultrasound Applications in Vascular Access**
Stuart Hall, MD; Tetsu Uejima, MD; Erin Gottlieb, MD
- 1:30-4:30 Simulation in Pediatric Anesthesia**
Richard H. Blum, MD, MSE, FAAP; Michael I. Chen,
MD; Alvin Hackel, MD; T. Kyle Harrison, MD; Anita
Honkanen, MD; Radhamangalam J. Ramamurthi
MD, FRCA; Alex Rodarte, MD; Daniel D. Rubens, MD,
FANZCA

REFRESHER COURSES

- 1:30-2:30 Myopathies in Pediatric Patients**
Julianne Bacsik, MD
- 1:30-2:30 What's New in Transfusion Management for the Pediatric Patient**
B. Craig Weldon, MD

- 2:30-3:30 An Update on the Use of Inhalation Agents in the Pediatric Patient**
Peter J. Davis, MD
- 2:30-3:30 The POCA Registry: Lessons Learned**
Jeffrey P. Morray, MD

SCIENTIFIC PROGRAM REGISTRATION



Pediatric Anesthesiology 2008

April 3 - 6, 2008

Sheraton San Diego Hotel & Marina • San Diego, CA



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 2/22/2008	After 2/22/2008	
<input type="checkbox"/> SPA/AAP Section on Anesthesiology Member	\$425	\$525	= \$ _____
<input type="checkbox"/> MHAUS Member	\$425	\$525	= \$ _____
<input type="checkbox"/> Non-Member - US & Canada	\$675	\$775	= \$ _____
<input type="checkbox"/> Non-Member - International	\$425	\$525	= \$ _____
<input type="checkbox"/> Resident/Fellow Member*	\$160	\$185	= \$ _____
<input type="checkbox"/> Resident/Fellow* (Non-Member)	\$230	\$255	= \$ _____
<input type="checkbox"/> Allied Health	\$225	\$250	= \$ _____
<input type="checkbox"/> Nurse Anesthetist	\$225	\$250	= \$ _____
<input type="checkbox"/> Workshops (<i>Please enter the total amount from the reverse side of this form.</i>)			= \$ _____
<input type="checkbox"/> PBL Discussions (<i>Please enter the total amount from the reverse side of this form.</i>)			= \$ _____
<input type="checkbox"/> Thursday PALS Course (<i>Incl. lunch & book</i>)	\$250	MUST BE A SPA REGISTRANT TO ATTEND	= \$ _____
<input type="checkbox"/> Thursday Malignant Hyperthermia Symposium	No Charge	MUST BE A SPA REGISTRANT TO ATTEND	No Charge
<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 [‡] (\$50 is suggested)			= \$ _____
Meeting Total:			= \$ _____

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

[‡]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 MHAUS
 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 2/22/2008; 50% refund from 3/23 - 3/3/2008; no refunds after 3/3/2008. 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.

FRIDAY & SATURDAY WORKSHOP REGISTRATION

Friday, April 4, 2008

CHOICE	TIME	WORKSHOP	FEE
<input type="checkbox"/>	1:15-3:45	Fellows' Research Workshop	No Charge
SOLD OUT	1:15-3:45	Junior Faculty Workshop: Success in Academics	No Charge
<input type="checkbox"/>	4:00-6:00	Overview of Personal Financial Planning	\$50
SOLD OUT	4:00-6:00	Epidural	\$50
<input type="checkbox"/>	4:00-6:00	Preoperative Evaluation Clinics: Models for Success	\$50
SOLD OUT	4:00-6:00	Peripheral Nerve Blocks	\$50
<input type="checkbox"/>	4:00-6:00	Sedation Service Provision-Different Models of Care	\$50
SOLD OUT	4:00-6:00	Ultrasound Applications in Vascular Access	\$50

Saturday, April 5, 2008

CHOICE	TIME	WORKSHOP	FEE
SOLD OUT	1:30-3:30	Airway	\$50
SOLD OUT	1:30-3:30	Epidural	\$50
SOLD OUT	1:30-3:30	Teaching The ACGME Core Competencies to Residents	\$50
<input type="checkbox"/>	1:30-3:30	Peripheral Nerve Blocks	\$50
SOLD OUT	1:30-3:30	Ultrasound Applications in Vascular Access	\$50
SOLD OUT	1:30-3:30	Simulation in Pediatric Anesthesia	\$80

TOTAL AMOUNT DUE: \$ _____

PBLD Registration

You may attend one (1) PBLD on Saturday and/or one (1) PBLD on Sunday. Please mark your selections 1, 2, or 3 to indicate your first, second and third choices. If your selections have been sold out, you will receive an e-mail notification from the SPA office presenting you with other options.

DAY/TABLE	FEE
SOLD OUT Sun. Table 17	\$25
SOLD OUT Sun. Table 18	\$25
SOLD OUT Sun. Table 19	\$25
<input type="checkbox"/> Sun. Table 20	\$25
<input type="checkbox"/> Sun. Table 21	\$25
<input type="checkbox"/> Sun. Table 22	\$25
SOLD OUT Sun. Table 23	\$25
<input type="checkbox"/> Sun. Table 24	\$25
<input type="checkbox"/> Sun. Table 25	\$25
<input type="checkbox"/> Sun. Table 26	\$25
<input type="checkbox"/> Sun. Table 27	\$25
SOLD OUT Sun. Table 28	\$25
<input type="checkbox"/> Sat. Table 13	\$25
<input type="checkbox"/> Sat. Table 14	\$25
SOLD OUT Sun. Table 31	\$25
SOLD OUT Sun. Table 32	\$25

**Please see pages 10 - 11
for PBLD titles and faculty.**

TOTAL AMOUNT DUE: \$ _____



HOTEL RESERVATION FORM

Pediatric Anesthesiology 2008

April 3 - 6, 2008

Sheraton San Diego Hotel & Marina • San Diego, CA

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	<input type="checkbox"/> \$209 Single	<input type="checkbox"/> \$209 Double
Premium Room	<input type="checkbox"/> \$229 Single	<input type="checkbox"/> \$229 Double (Guaranteed Views)
Club Room	<input type="checkbox"/> \$259 Single	<input type="checkbox"/> \$259 Double
Suites	<input type="checkbox"/> \$500 Lanai Suites	<input type="checkbox"/> \$750 Executive Suites

Club Rooms and Suites include: Continental Breakfast for 2, Health Club Access, Local Phone Calls, and Self Parking. If your requested room and bedding type is not available, an alternate will be assigned.

King 2 Double Beds Request crib (Based on availability)

SHERATON SAN DIEGO HOTEL & MARINA IS A SMOKE-FREE HOTEL.

Special Requests: _____

Starwood Preferred Guest # _____

All reservations must be accompanied by a deposit for the first night room and 10.565% 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.

Enclosed is my Check/Money Order in the amount of \$ _____ (Please make payable to Sheraton San Diego Hotel & Marina)

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 _____

CUTOFF DATE: MARCH 3, 2008

SEND RESERVATIONS TO:

Sheraton San Diego Hotel & Marina Reservations Department:

1380 Harbor Island Drive • San Diego, CA 92101-1092

Reservations: Phone (877) 734-2726 • Fax (619) 692-2312

Guest: Phone (619) 291-2900 • Fax (619) 692-2337

OBJECTIVES

SPA Objectives

The Anesthetic Environment: First Do No Harm

- Anesthetics and the Developing Brain I
After this lecture attendees will have gained insight into the potential toxicity of commonly used anesthetic agents
- Anesthetics and the Developing Brain II
Following this lecture attendees will have learned of some of the controversies related studies of anesthetic toxicity

Unconventional Wisdom

- Oxygen: Friend or Foe
Following this lecture attendees will gain insight into potential negative effects of supplemental oxygen
- Hypercapnia: Permissive and Therapeutic
After attending this lecture attendees will be exposed to research data describing both the negative and potentially positive effects of hypercarbia

Trauma: Current Concepts

- Pediatric Trauma Care an overview
Following this lecture attendees will have gained insight into the care of children with injuries
- Controversies in fluid management for the trauma patient
Following this lecture attendees will learn of new and novel approaches to fluid management in the trauma patient
- Current Concepts Head Trauma
After this lecture attendees will have reviewed the most recent research and clinical information regarding the care of head trauma in children

Lunch AAP Advocacy Lecture: Teen Driving Safety: What You Don't Know Could Kill Your Teenager

After this session attendees will have an improved understanding of the impact of injuries on children in the United States

Jeopardy

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

Friday Refresher Courses

- Temperature Management in the Pediatric Patient-Hypothermia, Hyperthermia
Attendance at this lecture will provide attendees with a review of temperature management in pediatric anesthesia
- Turnover Times for Pediatric Anesthesia
This lecture will provide insights into means of increasing efficiency of pediatric anesthesia practice
- Awareness During Anesthesia in Children
Attendance at this lecture will provide attendees with the most current information on awareness under anesthesia in pediatric anesthesia
- Risk Benefit of Postoperative Analgesic Techniques: The UK Perspective
This refresher course will provide a perspective on the use of regional anesthesia from the United Kingdom

Workshops

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

- Overview of Personal Financial Planning
This session will provide attendees with insight into various strategies for financial success
- Pediatric Preoperative Evaluation Clinics
Those attending this workshop will learn how to set up a pediatric preoperative evaluation clinic
- Peripheral Nerve Blocks
This session will provide attendees with tools and techniques for the use of regional anesthesia in children
- Procedural Sedation
This session is intended to assist attendees in managing and evaluating sedation services for children
- Ultrasound Applications in Vascular Access
Those attending this workshop will learn to use ultrasound to assist in the placement of vascular catheters in children
- Fellows' Research Workshop
This workshop is intended to provide fellows with an overview of research methods
- Junior Faculty Workshop: Success in Academics
Junior faculty attending this workshop will be exposed to strategies for building a successful academic career

Neonatology Core: Sponsored by Stanford University

- Neurodevelopmental Outcomes of Preterm Infants: Perinatal, clinical, and Sociodemographic Determinants
This session is intended to provide attendees with a review of current neonatology practice with regard to neurodevelopmental outcomes
- Surgical Care of Neonates: Trends and Techniques
This core lecture is intended to provide the audience with information on new techniques in neonatal surgical care
- Ventilation Strategies & Rescue Techniques Utilized in Neonatal Intensive Care
This lecture is intended to provide attendees with the most up to date strategies for management of neonatal pulmonary disease
- Disaster Preparedness: The California Focus on Neonatal Care and Preparation: The Role of the Anesthesiologist
This lecture is intended to provide the attendee with information regarding the role of the pediatric anesthesiologist in disaster preparedness

Saturday Refresher Courses

- Myopathies in Pediatric Patients
The management of pediatric patients with myopathies will be discussed including the risk of malignant hyperthermia.
- What's New in Transfusion Management for the Pediatric Patient
Attendees will be provided with an in depth discussion of a broad range of transfusion related problems.
- An Update on the Use of Inhalational Agents in the Pediatric Patient
This refresher course will provide the audience with an overview of the use of inhalational anesthetics in children
- The POCA Registry: Lessons Learned
This lecture will provide the most recent data from the Perioperative Cardiac Arrest Registry

OBJECTIVES

Workshops

- **Airway**
Upon completion of this workshop, the participants will be familiar with a variety of advanced airway management techniques
- **Epidural**
Upon completion of this workshop, the participants will be familiar with a variety of epidural techniques, problems and potential solutions
- **Peripheral Nerve Blocks**
This workshop is intended to provide participants with an in depth examination of regional anatomy, equipment and techniques including the use of ultrasound
- **Simulation in Pediatric Anesthesia**
Participants in this workshop will learn simulation techniques in a real world operating room environment
- **Teaching the ACGME Core Competencies to Residents**
This workshop is intended to provide those involved in resident education an opportunity to learn techniques used in teaching the ACGME core competencies
- **Ultrasound Applications in Vascular Access**
This workshop will provide the participant with hands on experience with the use of ultrasound for the placement of vascular catheters in children

Problem-Based Learning Discussions (PBLDs)

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 intraoperative management and possible intra- and postoperative pain and other management dilemmas.

The Future of Research in Pediatric Anesthesia

This lecture, by one of the leaders in anesthesia research, will provide the audience with insight into the future direction of research in pediatric anesthesiology.

A&A

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.

CCAS Objectives

Cardiac Anesthesia Update

Following this lecture the participant will be able to describe the indications for and the technical aspects associated with the hybrid procedure for HLHS. He/she will be familiar with the unique postoperative management issues associated with this procedure and with current data regarding immediate and short-term outcome.

Mechanical Circulatory Support for Post-Cardiotomy Failure

Following this lecture the participant will be able to describe the various devices available for provision of post-cardiotomy mechanical circulatory support in children. He/she will be familiar with the unique postoperative management issues associated with this technology and with current data regarding outcome.

In My Opinion

- The Best Inotrope for Terminating CPB is . . .
- Tight control of blood glucose on CPB is . . .
- Serum lactate as a predictor of outcome is . . .

Following this session the participant will be familiar with the evidence that frames the debate on the management of these 3 controversial issues. He/she will be able to use this knowledge to refine their individual approach to these issues in their practice.

The Fontan Patient

Following this lecture the participant will be able to describe the complex pathophysiologic mechanisms associated with failing Fontan physiology. He/she will be able to recognize the clinical manifestations of the adaptive/maladaptive compensations associated with this physiology.

Systematic Approach to Pre-Operative Evaluation of the Fontan Patient

Following this lecture the participant will be able to describe a comprehensive approach to the preoperative evaluation of the Fontan patient which can be utilized in the day to day anesthetic care of these patients.

How I Manage It

- 3 month old s/p Stage 1 palliation for brain MRI
- 8 month old Trisomy 21 s/p TOE/CAVC repair for DL/bronchoscopy
- 3 day old s/p Stage 1 palliation with uncontrolled post-CPB bleeding
- 10 year old HLHS s/p OHT, severe CAV, developmentally delayed, needle phobic for myocardial biopsy/coronary angiography

Following this session the participant will be familiar with the various approaches to the management of 4 children with congenital heart disease in complicated medical environments. He/she will be able to use this knowledge to refine their individual approach to these issues in their practice.

Workshops

- **Transesophageal Echocardiography in Children: An Interactive Session**

Following this workshop the participant will be able to describe a systematic, comprehensive approach to the echocardiographic evaluation of the patient with congenital heart disease. He/she will be able to identify the echocardiographic features of common congenital heart lesions.

- **Mechanical Ventilation: Nuts and Bolts**

Following this lecture the participant will be able to describe a systematic, comprehensive approach to mechanical ventilation in infants and children. He/she will be familiar with the practical aspects of the various modes of ventilation for both support and weaning.

OBJECTIVES

Symposium on MH-Associated Diseases Objectives

Dystrophinopathies

Upon completion of this lecture the participant will be able to identify anesthetic complications in patients with dystrophinopathies and evaluate the risk of MH in this patient population.

Congenital Myopathies

Upon completion of this lecture the participant will be able to identify anesthetic complications in patients with congenital myopathies and evaluate the risk of MH in this patient population.

Myotonias

Upon completion of this lecture the participant will be able to identify anesthetic complications in patients with myotonias and evaluate the risk of MH in this patient population.

Heat and Exercise-Related Rhabdomyolysis

Upon completion of this lecture the participant will be able to identify anesthetic complications in patients with a history of heat- or exercise-induced rhabdomyolysis, and evaluate the risk of MH in this patient population.

Miscellaneous Disorders

Upon completion of this lecture the participant will be able to identify anesthetic complications in patients with a variety of miscellaneous disorders and genetic syndromes and evaluate the risk of MH in this patient population.

Differential Diagnosis of the Hypotonic Infant Presenting for Muscle Biopsy

Upon completion of this lecture the participant will be able to identify causes of hypotonia in infants and evaluate the risk of MH in this patient population.

Anesthetic Management of the Hypotonic Infant Presenting for Muscle Biopsy

Upon completion of this lecture the participant will be able to identify anesthetic considerations and complications in infants with hypotonia that require general anesthesia.



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

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: _____ \$125

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: _____ \$125

Physicians not eligible to be members of the ASA, non-physicians with an interest in pediatric anesthesia. May not vote and/or hold office.

INTERNATIONAL MEMBERSHIP: _____ \$50

Physicians practicing outside of the US and Canada who have an interest in pediatric anesthesia.

RESIDENT/FELLOW MEMBERSHIP: _____ \$75

Physicians in an approved residency training program or performing post residency fellowship training (not to exceed five years). Includes membership in SPA, IARS, SCA, SAMBA, STA and ISAP. Resident membership requires endorsement by program director. Check if you are a fellow in pediatric anesthesia.

Residency Location: _____

Completion Date: _____ Signature of Program Director: _____

Referredby: _____

Payment Options (NO DEBIT CARDS ACCEPTED):

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: _____



THE CONGENITAL CARDIAC ANESTHESIA SOCIETY

2209 Dickens Rd., Richmond, VA 23230-2005 • Phone: 804-282-9780 • Fax: 804-282-0090

E-mail: joye@societyhq.com

MEMBERSHIP APPLICATION

The prerequisite for joining The Congenital Cardiac Anesthesia Society is a current membership to the Society for Pediatric Anesthesia (SPA). Please indicate your SPA membership number in the space below or join SPA now by filling out the appropriate portions of this form. If you have any questions or concerns, contact Joye Stewart at 804-282-9780 or via email at joye@societyhq.com.

I am currently a member of SPA SPA Membership #: _____ I would like to become a member of SPA

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: _____

I HEREBY MAKE APPLICATION FOR CCAS I HEREBY MAKE APPLICATION FOR SPA

ACTIVE MEMBERSHIP:
 CCAS Membership\$50.00
INTERNATIONAL MEMBERSHIP:
 CCAS Membership\$25.00

ACTIVE MEMBERSHIP (PHYSICIAN):
 SPA Membership \$125.00
AFFILIATE MEMBERSHIP (NON-PHYSICIAN):
 SPA Membership \$125.00

AMOUNT(S) DUE

CCAS Membership Dues
Payment to CCAS \$ _____
SPA Membership Dues
Payment to SPA \$ _____

INTERNATIONAL MEMBERSHIP:
 SPA Membership \$50.00
RESIDENT MEMBERSHIP:
Residency Membership Requires Endorsement By Program Director
(Please complete the section below on Residency)
 INCLUDES MEMBERSHIP IN SPA, IARS, SCA, STA, IASP
AND SAMBA \$75.00

Please include payment for SPA membership as well as CCAS membership if you are not a current SPA member.

Residency Location: _____
Residency Completion Date: _____
Signature of Program Director: _____

Payment Options:

Check or Money Order Enclosed (US Funds) Made Payable to SPA Made Payable to CCAS

Checks must be made out separately to the appropriate society and mailed to : 2209 Dickens Rd., Richmond, VA 23230-2005.

AmEx Mastercard Visa Discover **No debit cards accepted.** Card Number: _____

Expiration Date: _____ Printed Name on Card: _____

Signature: _____ Date: _____

Malignant Hyperthermia Association of the United States
 PO Box 1069 (11 East State Street)
 Sherburne, NY 13460-1069



MHAUS Membership Request Form

New or Renewal Membership Fee: \$35.00/year

NAME OF MEMBER:		WORK FACILITY:	
E-MAIL:		DEPT:	
HOME PHONE:	WORK PHONE:	FAX:	
MEMBER'S MAILING ADDRESS:			
CITY/STATE/ ZIP:			

Please check one: I am MH susceptible I am a health care professional: Specialty _____

As an MHAUS member, you are entitled to receive:
 a 10% discount on materials ordered from MHAUS
 The MHAUS quarterly newsletter, *The Communicator*
 A Membership Card
 A "New Member" Kit
 10% discount off the cost of molecular genetic test from *Prevention Genetics LLC*

Please circle payment method: Check PO# _____

Credit Card: MasterCard Visa Discover American Express

Name on Credit Card: _____

Card Number: _____ Expiration Date: _____

Signature: _____

Amount to charge: \$ _____

Tel: (607) 674-7901 Fax: (607) 674-7910 email: info@mhaus.org MHAUS Website: www.mhaus.org

MHAUS is a non-profit organization under IRS Code 501(c)(3). Its MH Hotline Service for medical professionals is provided free. **All contributions are tax-deductible. Thank You!**



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