

# 2013 • San Francisco

Please visit [www.pedsanesthesia.org](http://www.pedsanesthesia.org) for program and registration updates.

27<sup>th</sup>

# Annual Meeting

SOCIETY FOR PEDIATRIC ANESTHESIA

Society for Pediatric Anesthesia



education • research • patient safety

October 11, 2013 • Hilton San Francisco Union Square • San Francisco, CA

# About This Meeting

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## Welcome!

Welcome to the 2013 annual fall meeting of the Society of Pediatric Anesthesia. My Co-Chair, Jim Fehr, and I would like to invite you to join us in lovely San Francisco for this educational event. This meeting's theme is neonatology and will be explored thorough the PBLD's and three of the four sessions. The faculty, representing institutions from across North America, were selected because they bring unique expertise to this area of pediatric anesthesia.

The day will open up with PBLDs that highlight the neonatal theme. The first session of the day reviews important elements related to the clinical care of the neonate. We are honored to have Dr. Donna Ferriero start this session. She is an internationally recognized pediatric neurologist, the Chair of Pediatrics at UCSF, and one of the premier authorities on neonatal neurologic injuries. The second session will focus on the perioperative communication and relationship between the pediatric anesthesiologist and the neonatal intensive care unit. The panelists will discuss the perioperative patient safety issues related to these



Dr. Cladis

relationships and potential solutions to enhance them. The third session is a simulation-based session with audience participation and clinical scenarios emphasizing dilemmas in the care of the neonate. The fourth and final session is timely in light of the legalization of medical marijuana in several states including California. This pro-con debate should be both informative and entertaining.

I would like to thank the faculty for their hard work in putting together their sessions. I would especially like to thank the individuals that worked by my side to make this meeting happen. This includes my meeting co-chair Jim Fehr, Shobha Malviya, and Kim Battle.

Please join us for this wonderful meeting. I look forward to seeing you in California!

**Franklyn Cladis MD FAAP**  
*SPA 27th Annual Meeting  
Program Chair*

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## Education Mission Statement

The Annual 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 techniques and information that affect their practice and improve the perioperative/critical care of pediatric patients.

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## Target Audience

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

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## Accreditation & Designation

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 Live activity for a maximum of 7 AMA PRA Category 1 Credit(s)<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

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## Americans With Disabilities Act (ADA)

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 September 15, 2013 in order to receive service.

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## Registration Deadline

Responses to previous SPA Annual Meeting programs have been very positive. We recommend that you confirm your registration as early as possible. The deadline for Early Registration is September 20, 2013.

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## Housing

Housing reservations can be made through the American Society of Anesthesiologists (ASA) website when the site opens in the spring. Visit [www.asahq.org/Annual-Meeting.aspx](http://www.asahq.org/Annual-Meeting.aspx) for more information.

# CONVENIENT ONLINE REGISTRATION

*For SPA's 27th Annual Meeting will open soon!*

Visit [www.pedsanesthesia.org](http://www.pedsanesthesia.org) to register for the meeting.

Printable registration forms will also be available. Registration rates will increase after September 13, 2013

Hotel reservations must be made through the ASA Housing Bureau. There will be a hotel reservations link at [www.pedsanesthesia.org](http://www.pedsanesthesia.org) as soon as it is made available.

## Scientific Program

6:00 am - 5:00 pm	Registration
6:30 - 7:30 am	PBLDs with Breakfast
6:30 - 7:30 am	Continental Breakfast with Exhibitors
7:45 - 8:00 am	Introduction and Welcome <i>Nancy L. Glass, MD, MBA, FAAP; Franklyn P. Cladis, MD, FAAP</i>

### Session I: Clinical Care of the Neonate

*Moderator: Peter Davis MD, FAAP*

8:00 - 8:30 am	Newborn Brain Injury: Imaging, therapies and the future. <i>Hannah Glass, MD</i>
8:30 - 9:00 am	Perioperative Care of HFO & ECMO in the NICU <i>Stephen A. Stayer, MD, FAAP</i>
9:00 - 9:30 am	Outcomes of the Extremely Premature Neonate <i>Andrew T. Costantino, Jr., MD</i>
9:30 - 10:00 am	Care of the Formerly Premature Pediatric Patient <i>Claire M. Brett, MD, FAAP</i>
10:00 - 10:30 am	Discussion
10:30 - 11:00 am	Break with the Exhibitors

### Session II: Perioperative Communication with the NICU

*Moderator: James J. Febr, MD*

11:00 - 11:25 am	Perioperative Communication and the NICU - An Overview <i>Shilpa Verma, MD</i>
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11:25 - 11:50 am	One Center's Journey - Anesthesiology Perspective <i>John J. McCloskey, MD</i>
11:50 am - 12:10 pm	One Center's Journey - Neonatology Perspective <i>Natalie E. Rintoul, MD</i>
12:10 - 12:30 pm	Discussion
12:30 - 1:30 pm	Lunch with Exhibitors

### Session III: Neonatal Cases and Audience Response

1:30 - 3:00 pm	Neonatal Case Simulation Videos - Expert Panel and Audience Response <i>Calvin Kuan, MD; Christine Mai, MD; Sharon L. Redd, MD; Teresa A. Valois Gomez, MD</i>
3:00 - 3:15 pm	Discussion
3:15 - 3:45 pm	Break with Exhibitors

### Session IV: Medical Marijuana Use for Pediatric Pain

*Moderator: Constance Monitto, MD*

3:45 - 4:45 pm	Medical Marijuana for Pediatric Pain: PRO-CON Debate PRO - <i>Stephen C. Brown, MD</i> CON - <i>Jeffrey L. Galinkin, MD, FAAP</i>
4:45 - 5:00 pm	Discussion
5:00 - 7:00 pm	Reception

## Problem Based Learning Discussions (PBLDs)

- Less is more; how to deal with a decompensating neonate with a DNR order in place in the operating room. – Vidya T. Raman MD; Joseph D. Tobias MD
- To Trach or Not to Trach, That Is The Question!" – Haleh Saadat MD, FAAP; Carolyn Al-Haddadin, MD
- Planning a Safe EXIT: A Multidisciplinary Approach – Srijaya K. Reddy MD; Nina Deutsch MD
- A critically ill neonate with Vein of Galen malformation requiring embolization - Importance of communication and multidisciplinary approach – Anita Akbar Ali MD; M. Saif Siddiqui MD
- Anesthetic management: The neonate with an Expanding Mediastinal Mass – Miles H. Dinner MD; Jacques H. Scharoun MD
- Hemodynamic and Ventilatory Concerns in a Neonate with Tetralogy of Fallot (TOF) Presenting for Omphalocele Repair– T. Anthony Anderson PhD, MD; Charles J. Coté MD, FAAP
- Management of a Neonate with Tracheo-esophageal Fistula, Esophageal Atresia and Altered Pulmonary Blood Flow – Nina A. Guzzetta MD; Elizabeth C. Wilson MD
- Severe Hypoxemia after PDA Ligation– Becky Wong MD; Calvin Kuan MD
- Emergent exploratory laparotomy in a neonate with pulmonary agenesis and tracheal stenosis: is there a role for epidural analgesia?– J. Stephen Perhac MD; Adrian T. Bosenberg MB, ChB, FFA(SA)
- 4-Day-Old Newborn with CDH and Neonatal Abstinence Syndrome – Or: How many opioid receptors does a baby have? – Deepa Kattail MD; Sabine Kost-Byerly MD, FAAP
- Postoperative hypoxemia in the neonate with stridor – a rare cardiac anomaly – Rajvinder S. Dhamrait MD, FRCA; Claire Kaura MD
- Is it MH? Recalcitrant Hyperthermia in a 2 month old infant after separation from Cardiopulmonary Bypass – Michael J. Mulick DO; Douglas R. Thompson MD
- Postoperative Encephalopathy in a Newborn: More than Neuroapoptosis? – Jurgen C. de Graaff MD, PhD; Ton Schouten MD
- Non-cardiac surgery in neonate with PDA stent – Barbara A. Castro MD; Terrence A. Yemen MD
- Management of a Neonate with Unsuspected Difficult Intubation after Cesarean Delivery due to a Congenital Laryngeal Web – Brandon A. Roberts MD; Katherine G. Keech MD
- The Newborn with Obstructed Pulmonary Veins is Coming to the Cath Lab Now! – Michelle L. Schlunt MD; Charles Lee MD
- Remote ECMO Thoracotomy: Repair of Congenital Diaphragmatic Hernia in a patient on ECMO, performed at the NICU bedside – Justin L. Lockman MD; Todd J. Kilbaugh MD
- I survived necrotizing enterocolitis, now what? A premature infant for ostomy closure with anemia and plan for epidural – Olga Pawelek MD; Maria Matuszczak MD
- Double the Trouble, Double the Fun: Airway Management in Conjoined twins with Mandibular Hypoplasia and Cardiac Disease – Charles D. Nargozian MD; James A. DiNardo MD
- Thoracic Surgery for a 2-day old neonate with a prenatally diagnosed lung mass – Olutoyin Olutoye MD, FAAP; Ann Hau MD

# Faculty

**Anita Akbar Ali, MD**

University of Arkansas for Medical Sciences and Arkansas Children's Hospital  
Little Rock, AR

**Carolyn Al-Haddadin, MD**

Yale University, School of Medicine  
New Haven, CT

**T. Anthony Anderson, PhD MD**

Massachusetts General Hospital  
Boston, MA

**Adrian T. Bosenberg, MB, ChB, FFA(SA)**

Seattle Children's Hospital  
Seattle, WA

**Claire M. Brett, MD, FAAP**

University of California – San Francisco  
San Francisco, CA

**Stephen C. Brown, MD**

Hospital for Sick Children  
Toronto, Ontario, Canada

**Barbara A. Castro, MD**

University of Virginia Medical School  
Charlottesville, VA

**Franklyn P. Cladis, MD**

Children's Hospital of Pittsburgh  
Pittsburgh, PA

**Andrew T. Costarino, Jr. MD**

A.I. duPont Hosp for Children  
Wilmington, DE

**Peter J. Davis, MD**

Children's Hospital of Pittsburgh  
Pittsburgh, PA

**Charles J. Coté MD, FAAP**

Massachusetts General Hospital  
Boston, MA

**Jurgen C. de Graaff, MD, PhD**

Wilhelmina Children's Hospital  
Utrecht, The Netherlands

**Nina Deutsch, MD**

Children's National Medical Center  
Washington, DC

**Rajvinder S. Dhamrait, MD, FRCA**

University of California, Davis  
Sacramento, CA

**James A. DiNardo, MD**

Boston Children's Hospital  
Boston, MA

**Miles H. Dinner, MD**

Weill-Cornell Medical College  
New York, NY

**James Fehr, MD**

Saint Louis Children's Hospital/Washington University  
Saint Louis, MO

**Jeffrey Galinkin, MD, FAAP**

University of Colorado Health Science Center  
Denver, CO

**Hannah Glass, MD**

Pediatric Neurologist  
University of California – San Francisco  
San Francisco, CA

**Nancy L. Glass, MD, MBA, FAAP**

Texas Children's Hospital  
Houston, TX

**Nina A. Guzzetta, MD**

Emory University School of Medicine  
Atlanta, GA

**Ann Hau, MD**

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Houston, TX

**Deepa Kattail, MD**

Johns Hopkins University  
Baltimore, MD

**Claire Kaura, MD**

University of California, Davis  
Sacramento, CA

**Katherine G. Keech, MD**

St. Louis Children's Hospital/Washington University  
School of Medicine  
St. Louis, MO

**Todd J. Kilbaugh, MD**

The Children's Hospital of Philadelphia  
Philadelphia, PA

**Sabine Kost-Byerly, MD, FAAP**

Johns Hopkins University  
Baltimore, MD

**Calvin Kuan, MD**

Stanford University  
Stanford, CA

**Charles Lee, MD**

Sunset Kaiser Permanente  
Los Angeles, CA

**Justin L. Lockman, MD**

The Children's Hospital of Philadelphia  
Philadelphia, PA

**Christine Mai, MD**

Massachusetts General Hospital  
Boston, MA

**Maria Matuszczak, MD**

UT Houston Medical School  
Houston, TX

**John J. McCloskey, MD**

Children's Hospital of Philadelphia  
Philadelphia, PA

**Constance Monitto, MD**

Johns Hopkins Hospital  
Baltimore, MD

**Michael J. Mulick, DO**

Children's Hospital Los Angeles  
Los Angeles, CA

**Charles D. Nargoian, MD**

Boston Children's Hospital  
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**Olutoyin Olutoye, MD, FAAP**

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**Olga Pawelek, MD**

UT Houston Medical School  
Houston, TX

**J. Stephen Perhac, MD**

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Seattle, WA

**Vidya T. Raman, MD**

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**Sharon L. Redd, MD**

Boston Children's Hospital  
Boston, MA

**Srijaya K. Reddy, MD**

Children's National Medical Center  
Washington, DC

**Natalie E. Rintoul, MD**

Children's Hospital of Philadelphia  
Philadelphia, PA

**Brandon A. Roberts, MD**

St. Louis Children's Hospital/Washington University  
School of Medicine  
St. Louis, MO

**Haleh Saadat, MD, FAAP**

Yale University, School of Medicine  
New Haven, CT

**Jacques H. Scharoun, MD**

Weill-Cornell Medical College  
New York, NY

**Michelle L. Schlunt, MD**

University of California - Los Angeles;  
Los Angeles, CA

**Ton Schouten, MD**

Wilhelmina Children's Hospital  
Utrecht, The Netherlands

**M. Saif Siddiqui, MD**

University of Arkansas for Medical Sciences and  
Arkansas Children's Hospital  
Little Rock, AR

**Stephen A. Stayer, MD, FAAP**

Texas Children's Hospital  
Houston, TX

**Douglas R. Thompson, MD**

Seattle Children's Hospital  
Seattle, WA

**Joseph D. Tobias, MD**

Nationwide Children's Hospital  
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**Teresa Arsenia Valois Gomez, MD**

McGill University Health Centre  
Montreal, Quebec CANADA

**Shilpa Verma, MD**

Seattle Children's Hospital  
Seattle, WA

**Elizabeth C. Wilson, MD**

Emory University School of Medicine  
Atlanta, GA

**Becky Wong, MD**

Stanford University  
Stanford, CA

**Terrance A. Yemen, MD**

University of Virginia Medical School  
Charlottesville, VA

# Program Objectives

## **Session I: Clinical Care of the Neonate**

### **Newborn Brain Injury: Imaging, therapies and the future**

*Donna M. Ferriero, MD*

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

1. Identify neurologic injuries that occur during the neonatal period
2. Understand the clinical consequences of neonatal neurologic injuries
3. Describe therapies for neonatal neurologic injuries

### **Perioperative Care of HFO & ECMO in the NICU**

*Stephen A. Stayer, MD, FAAP*

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

1. Describe the perioperative care of the neonate receiving High Frequency Oscillation Ventilation (HFOV)
2. Describe the perioperative care of the neonate on extracorporeal membrane oxygenation (ECMO)
3. Identify the perioperative issues related to off-site anesthesia in the neonatal intensive care unit (NICU)

### **Outcomes of the Extremely Premature Neonate**

*Andrew T. Costarino, Jr., MD*

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

1. Discuss the classification of prematurity
2. Describe the survival and limits of viability of the premature neonate
3. Identify the outcomes of surviving premature neonates

### **Care of the Formerly Premature Pediatric Patient**

*Claire M. Brett, MD, FAAP*

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

1. Discuss the perioperative concerns related to the formerly premature patient
2. Describe the anesthetic management of the formerly premature patient

## **Session II: Perioperative Communication with the NICU**

### **Perioperative Communication and the NICU - An Overview**

*Shilpa Verma, MD*

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

1. Identify perioperative communication failures in the care of the neonate
2. Discuss the patient safety concerns related to perioperative communication failures
3. Describe strategies to improve perioperative communication with the neonatal intensive care unit (NICU)

### **One Center's Journey - Anesthesiology Perspective**

*John J. McCloskey, MD*

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

1. Identify perioperative communication concerns in the care of the neonate
2. Describe one center's anesthesiology team strategies to improve perioperative communication with the neonatal intensive care unit (NICU)

### **One Center's Journey - Neonatology Perspective**

*Natalie E. Rintoul, MD*

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

1. Identify perioperative communication failures in the perioperative care of the neonate
2. Describe one center's neonatal intensive care unit (NICU) strategies to improve perioperative communication with the anesthesiology team

## **Session III: Neonatal Cases and Audience Response**

### **Neonatal Case Simulation Videos - Expert Panel and Audience Response**

*Calvin Kuan, MD; Christine Mai, MD; Sharon L. Redd, MD;*

*Teresa A. Valois Gomez, MD*

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

1. Describe the barriers of effective crisis management of the neonate in the operating room and the NICU
2. Discuss strategies to enhance crisis management of the neonate in both the operating room and the NICU
3. Discuss the role of trigger videos as an educational tool for simulation and pediatric anesthesia.

## **Session IV: Medical Marijuana Use for Pediatric Pain**

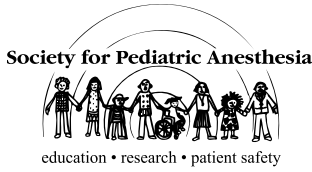
### **Medical Marijuana for Pediatric Pain: PRO-CON Debate**

*PRO – Stephen C. Brown, MD; CON – Jeffrey L. Galinkin, MD, FAAP*

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

1. Discuss the role of medical marijuana for chronic pain
2. Describe potential benefits of medical marijuana for pediatric pain management
3. Describe potential concerns of medical marijuana for pediatric pain management





# 27<sup>th</sup> Annual Meeting

October 11, 2013 • Hilton San Francisco Union Square • San Francisco, CA

## Scientific Program Registration Form

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 \_\_\_\_\_ Degree \_\_\_\_\_ First Name for Badge \_\_\_\_\_  
Last First MI

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

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

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

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

	Through 9/20/13	After 9/20/13	
<input type="checkbox"/> SPA Member	\$275	\$325	= \$ _____
<input type="checkbox"/> Non-Member - US & Canada	\$400	\$450	= \$ _____
<input type="checkbox"/> Non-Member - International	\$300	\$350	= \$ _____
<input type="checkbox"/> Resident <input type="checkbox"/> Fellow Member*	\$175	\$200	= \$ _____
<input type="checkbox"/> Allied Health	\$200	\$250	= \$ _____
<input type="checkbox"/> PBLD Discussions	\$35	\$50	= \$ _____
Enter your choice of PBLD Table # from Page 3: First Choice: _____ Second Choice: _____ Third Choice: _____			
<input type="checkbox"/> Accompanying Person(s) # _____ @ _____	\$25	\$40	= \$ _____
Accompanying Person(s) Name(s); _____			
<input type="checkbox"/> SPA Educational/Research Fund Donation+ (\$50 is suggested)			= \$ _____
<b>Meeting Total:</b>			= \$ _____

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

\*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 \_\_\_\_\_

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

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**Refund Policy:** Full refund less \$50 administrative fee through September 6, 2013; 50% refund September 6 - September 20, 2013; No refunds after September 20, 2013. Refunds determined by date written cancellation is received.

**Hotel/Lodging Information:** The 2013 Annual Meeting will be held Hilton San Francisco Union Square in San Francisco. Hotel reservations must be made through the ASA Housing Bureau. To make hotel reservations online, please visit [www.pedsanesthesia.org](http://www.pedsanesthesia.org) for a link to the ASA Housing Site.

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

# PEDIATRIC ANESTHESIOLOGY

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

# 2014

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Society for Pediatric Anesthesia



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[www.pedsanesthesia.org](http://www.pedsanesthesia.org)!*

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