

Society for Pediatric Anesthesia



education • research • patient safety



29TH

ANNUAL MEETING

October 23, 2015 • Manchester Grand Hyatt • San Diego, CA

Please visit www.pedsanesthesia.org for program and registration information as it becomes available.

About This Meeting

Welcome!



Nina Deutsch, MD
Program Chair

It is with great pleasure that I invite you to attend the 29th Annual Meeting of the Society for Pediatric Anesthesia in warm, beautiful San Diego, California on October 23, 2015.

We face an ever-changing world, and the practice of anesthesiology can be a risky business! This year's program will focus on some of the more challenging patients that we care for in our clinical practice and the disease processes that they face. We are extremely fortunate to have outstanding national faculty from several specialties providing us with the latest information and research available on a wide range of topics.

To begin our program, Dr. Phillip Spinella, a renowned pediatric critical care physician-scientist, will discuss the latest research on the diagnosis and treatment of traumatic hemorrhagic shock from the war and how this translates to children. Dr. Nina Guzzetta, a pediatric cardiac anesthesiologist and researcher, will then talk about the latest in diagnosis and management of coagulopathy. Our next session will address the management of trauma and traumatic brain injury in the perioperative setting, beginning with Dr. David Shellington, who will present a talk on damage-control resuscitation. Dr. Jennifer Lee-Summers will then discuss the management of pediatric patients with accidental versus non-accidental head trauma, and Dr. Nina Hardcastle will finish this session with a discussion of the pediatric

anesthesiologist's role in rescuing the injured brain.

Following an appetizing lunch, the 2nd Annual SPA Lifetime Achievement Award will be presented to recognize one of our own who has greatly contributed to the field of pediatric anesthesiology and bettered the lives of our patients.

In the afternoon, the program will turn to the world of infectious diseases! Dr. David Weber, a renowned clinician in infectious disease and epidemiology, will discuss the emerging pathogens that we will see as our global reach expands, including the Ebola epidemic and the newer respiratory viruses affecting pediatric patients. Then, three talented SPA members will lead a session on infectious disease in our practice. Dr. Bridget Pearce will talk on surgical site infections and the latest literature on their control. Dr. Justin Lockman will review the pathogens coming to an operating room near you, and Dr. Lizabeth Martin will discuss quality assurance initiatives to decrease the incidence of iatrogenic infections.

Finally, we will close the program with the most risky business of all: zoo anesthesia! Dr. Mark Greenberg, a pediatric anesthesiologist who has done work at the San Diego Zoo, will talk about his experience anesthetizing animals. This should be a fascinating and light-hearted end to a remarkable day.

It has been a true honor to present this amazing group of speakers to you! It would not have been possible without the guidance of Drs. Randall Flick and Shobha Malviya and the hard work and support of my co-chair Peggy McNaull and our Young Turk Julie Williamson. I am excited to present this program and look forward to seeing you in San Diego!

About This Meeting

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.

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

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 8 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 (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 25, 2015 in order to receive service.

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 25, 2015.

Housing

The Manchester Grand Hyatt is the headquarter hotel for the SPA 29th Annual Meeting. Hotel reservations for the Manchester Grant Hyatt can be made through the American Society of Anesthesiologists (ASA) website when the site opens in the spring.

Visit www.asahq.org for more information.

MOCA® Highlights

The Society for Pediatric Anesthesia is pleased to offer several opportunities to help fulfill your American Board of Anesthesiology Maintenance of Certification in Anesthesiology (MOCA)® Part II Patient Safety requirements at the SPA 29th Annual Meeting!

By attending the following lectures, you are eligible to receive up to four (4) credits that may be applied towards Part II: Lifelong Learning and Self-Assessment- Patient Safety requirements.

- Transfusion Medicine – Lessons Learned From the Front
- Coagulopathy: Measuring and Management
- Pediatric Trauma – Damage Control Resuscitation
- SSI: Strategies for Control in Your Practice
- What Infections Will You Encounter in the OR?
- Infection Prevention in Anesthesia Practice

Please plan on attending these interesting and informative sessions!!

This patient safety activity helps fulfill the patient safety CME requirement for Part II of the Maintenance of Certification in Anesthesiology Program (MOCA) of the American Board of Anesthesiology (ABA). Please consult the ABA website, www.theABA.org, for a list of all MOCA requirements.

Maintenance of Certification in Anesthesiology Program® and MOCA® are registered certification marks of The American Board of Anesthesiology®.



Meeting Highlights



Dr. Greeley

MYRON YASTER LIFETIME ACHIEVEMENT AWARD

William J. Greeley, MD, MBA will receive the SPA Myron Yaster Lifetime Achievement Award. Please join us as we honor Dr. Greeley's significant service to the Society for Pediatric Anesthesia.

GUEST SPEAKERS

Philip C. Spinella, MD – “Transfusion Medicine - Lessons Learned from the Front”

David Shellington, MD – “Pediatric Trauma-Damage Control Resuscitation”

David Weber, MD, MPH – “Emerging Pathogens: Ebola and Respiratory Viruses (Enterovirus D68, MERS, Animal Influenza)”

CONVENIENT ONLINE REGISTRATION

SPA's 29th Annual Meeting online registration will open soon!

Visit www.pedsanesthesia.org to register for the meeting.

Printable registration forms will also be available.

Registration rates will increase after September 25, 2015

Make your hotel reservations for the Manchester Grand Hyatt through the ASA Housing Bureau. There will be a hotel reservations link at 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
	Shobha Malviya, MD, FAAP; Nina Deutsch, MD

Session I: Transfusion

Moderator: Glyn D. Williams, MB, ChB



8:00 – 8:50 am	Transfusion Medicine - Lessons Learned from the Front
	Philip C. Spinella, MD
8:50 – 9:30 am	Coagulopathy: Measuring and Management
	Nina A. Guzzetta, MD
9:30 – 9:45 am	Discussion
9:45 – 10:15 am	Break with the Exhibitors

Session II: Trauma and Traumatic Brain Injury

Moderator: Kenneth M. Brady, MD

10:15 – 10:45 am	Pediatric Trauma-Damage Control Resuscitation
	David Shellington, MD
10:45 – 11:15 am	When Trauma Is No Accident
	Jennifer K. Lee-Summers, MD
11:15 – 11:45 am	Pediatric TBI – Rescuing the Injured Brain
	Nina N. Hardcastle, MD
11:45 am – Noon	Discussion
Noon – 1:00 pm	Lunch with Exhibitors



Session III: SPA Lifetime Achievement Award

Moderator: James M. Steven, MD, FAAP

1:00 – 1:30 pm	Presentation of the SPA Lifetime Achievement Award
	William J. Greeley, MD, MBA

Session IV: Emerging Pathogens

Moderator: Peggy P. McNaul, MD

1:30 – 2:20 pm	Emerging Pathogens: Ebola and Respiratory Viruses (Enterovirus D68, MERS, Animal Influenza)
	David Weber, MD, MPH
2:20 – 2:30 pm	Discussion
2:30 – 3:00 pm	Break with Exhibitors

Session V: Infectious Disease

Moderator: Mary Ellen McCann, MD, MPH



3:00 – 3:30 pm	SSI: Strategies for Control in Your Practice
	Bridget Pearce, MD
3:30 – 4:00 pm	What Infections Will You Encounter in the OR
	Justin L. Lockman, MD, FAAP
4:00 – 4:30 pm	Infection Prevention in Anesthesia Practice
	Lizabeth Martin, MD
4:30 – 4:45 pm	Discussion

Session VI: Zoo Anesthesia

Moderator: Helen Lee, MD, MPH

4:45 – 5:30 pm	Zoo Anesthesia
	Mark Greenberg, MD
5:30 – 5:45 pm	Discussion
6:00 – 7:30 pm	Reception

Problem-based Learning Discussions (PBLDs)

1. Bariatric Surgery in a Pediatric Cardiomyopathy Patient: The Ethical Dilemma of Pre-Transplant Optimization - Andrew Matisoff, MD; Michael Adams, MD. Guest Moderator: Dean Andropoulos, MD, MHCM
2. My Patient is a 5 year-old undergoing BKA – what can I do to prevent phantom limb pain? - Michael R. King, MD; T. Anthony Anderson, PhD, MD. Guest Moderator: Steven J. Weisman, MD
3. Anesthetic management of massive gastrointestinal bleeding during endoscopic sclerotherapy in a child with liver disease due to Langerhans cell histiocytosis - Julie L. Schuman, MD; Nina A. Guzzetta, MD
4. Fatal Attraction: Traumatic Brain Injury and Resuscitation Challenges in MRI - Samuel A. Mireles, MD; Rita Agarwal, MD
5. Loosing Blood and Evoked Potentials in a patient with Mitochondrial Disease presented for Spine Fusion: What else can go wrong? - Matthew D. Sjoblom, MD; Mohamed Mahmoud, MD. Guest Moderator: Franklyn P. Cladis, MD
6. Cervical Epidural Abscess after Caudal Catheter Placement for Postoperative Pain in a Neonate - Giovanni Cucchiari, MD, MPP; Jane Truong, MD
7. Pediatric Substance Abuse in the Perioperative Setting - Brent McNew, MD; Elisabeth Hughes, MD. Guest Moderator: Myron Yaster, MD
8. Post-tonsillectomy hemorrhage in the challenging airway. YIKES!!! - Sharon Redd, MD; Titilopemi Aina, MD MPH
9. One is too Many and One Thousand is Never Enough: How to Identify and Approach Suspected Opioid Diversion - Emmet Whittaker, MD; Vidya T. Raman, MD. Guest Moderator: Joseph D. Tobias, MD, FAAP
10. Double Trouble - 16 yo ,Down Syndrome and unrepaired partial AV Canal presents with an incarcerated congenital diaphragmatic hernia - Alice Seifarth, MD; Stephen Kimatian, MD/Alina Bodas, MD
11. Let me catch my breath!: Managing the difficult airway in a difficult case - Brenda C. McClain, MD; Orlando Perez-Franco, MD
12. Clothesline Injury to Neck with Transected Trachea and Broken Cervical Spine - Kim Strupp, MD; Debnath Chatterjee, MD

Faculty

Michael Adams, MD

Fort Belvoir Community Hospital
Fort Belvoir, VA

Dean B. Andropoulos, MD, MHCM

Texas Children's Hospital
Houston, TX

Rita Agarwal, MD, FAAP

Stanford School of Medicine
Stanford, CA

Titilopemi Aina, MD, MPH

Texas Children's Hospital
Houston, TX

T. Anthony Anderson, PhD, MD

Massachusetts General Hospital
Boston, MA

Kenneth M. Brady, MD

Texas Children's Hospital
Houston, TX

Debnath Chatterjee MD

Children's Hospital Colorado
Aurora, CO

Franklyn P. Cladis, MD

Children's Hospital of Pittsburgh
Pittsburgh, PA

Giovanni Cucchiaro, MD, MPP

Children's Hospital Los Angeles
Los Angeles, CA

Nina Deutsch, MD

Children's National Medical Center
Washington, DC

Mark Greenberg, MD

UC San Diego Health System
San Diego, CA

Nina A. Guzzetta, MD

Emory University
Atlanta, GA

Nina N. Hardcastle, MD

Alberta Children's Hospital
Calgary, AB, Canada

Elisabeth Hughes, MD

Vanderbilt University
Nashville, TN

Stephen Kimatian, MD

Cleveland Clinic Foundation
Cleveland, OH

Michael R. King, MD

Massachusetts General Hospital
Boston, MA

Helen Lee, MD, MPH

University of Illinois at Chicago
Chicago, IL

Jennifer K. Lee-Summers, MD

The Johns Hopkins University
Baltimore, MD

Justin L. Lockman, MD, FAAP

The Children's Hospital of Philadelphia
Philadelphia, PA

Mohamed Mahmoud, MD

Cincinnati Children's Hospital Medical Center
Cincinnati, OH

Shobha Malviya, MD, FAAP

CS Mott Children's Hospital
University of Michigan
Ann Arbor, MI

Lizabeth Martin, MD

Seattle Children's Hospital
Seattle, WA

Andrew Matisoff, MD

Children's National Medical Center
Washington, DC

Mary Ellen McCann, MD, MPH

Boston Children's Hospital
Boston, MA

Brenda C. McClain, MD

Saint Louis University School of Medicine
Saint Louis, MO

Peggy P. McNaull, MD

University of North Carolina Hospitals
Durham, NC

Brent McNew, MD

Vanderbilt University
Nashville, TN

Samuel A. Mireles, MD

Stanford School of Medicine
Stanford, CA

Bridget Pearce, MD

CS Mott Children's Hospital
University of Michigan
Ann Arbor, MI

Orlando Perez-Franco, MD

Saint Louis University School of Medicine
St. Louis, MO

Vidya T. Raman, MD

Nationwide Children's Hospital
Columbus, OH

Sharon Redd, MD

Boston Children's Hospital
Boston, MA

Julie L. Schuman, MD

Emory University School of Medicine
Children's Healthcare of Atlanta
Atlanta, GA

David K. Shellington, MD

University of California, San Diego
Rady Children's Hospital of San Diego
San Diego, CA

Alice Seifarth, MD

Cleveland Clinic Foundation
Cleveland, OH

Matthew D. Sjoblom, MD

Cincinnati Children's Hospital Medical Center
Cincinnati, OH

Philip C. Spinella, MD

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

Kim Strupp, MD

Children's Hospital Colorado
Aurora, CO

Joseph D. Tobias, MD, FAAP

Nationwide Children's Hospital
Columbus, OH

Jane Truong, MD

Children's Hospital Los Angeles
Los Angeles, CA

David Weber, MD, MPH

University of North Carolina Hospitals
Durham, NC

Steven J. Weisman, MD

Children's Hospital of Wisconsin
Milwaukee, WI

Emmet Whittaker, MD

Nationwide Children's Hospital
Columbus, OH

Glyn D. Williams, MB, ChB

Lucile Packard Children's Hospital
Stanford University
Stanford, CA

Myron Yaster, MD

Johns Hopkins Children's Center
Baltimore, MD

Program Objectives

Session I: Transfusion

Transfusion Medicine - Lessons Learned from the Front

Phillip C. Spinella, MD

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

- Recognize the signs of traumatic hemorrhagic shock in the pediatric patient.
- Evaluate the latest research from front line combat trauma regarding massive transfusion.
- Translate this research to the pediatric patient.
- Identify safety enhancing techniques to limit transfusion reactions and coagulopathy following massive transfusion.

Coagulopathy: Measuring and Management

Nina A. Guzzetta, MD

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

- Compare the accuracy and efficacy of tests for measuring coagulopathy in the pediatric patient.
- Identify newer techniques and equipment to test for coagulopathy.
- Identify important strategies to prevent coagulopathy following massive transfusion.

Session II: Trauma and Traumatic Brain Injury

Pediatric Trauma-Damage Control Resuscitation

David Shellington, MD

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

- Discuss the role of hypothermia, coagulopathy, and acidosis in the resuscitation of polytrauma.
- Review the literature regarding first line fluids as initial resuscitative therapies in the setting of polytrauma.
- Identify systems-based practices to improve evaluation and management of polytrauma.

When Trauma Is No Accident

Jennifer K. Lee-Summers, MD

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

- Describe the epidemiology of non-accidental trauma in children.
- Differentiate the patterns of injury in accidental trauma from those observed in non-accidental trauma.
- Review the medical, surgical, and anesthetic management strategies in the pediatric patient who has suffered non-accidental trauma.

Pediatric TBI – Rescuing the Injured Brain

Nina N. Hardcastle, MD

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

- Discuss the risks and benefits of hyperosmolar therapy for the brain-injured patient in the acute perioperative setting.
- Prepare a neuroprotective anesthetic plan for pediatric patients presenting with acute traumatic brain injury.
- Identify the risks and limitations of therapeutic hypothermia as a treatment for TBI.
- Recognize evolving therapies that may be neuroprotective.

Session IV: Emerging Pathogens

Emerging Pathogens: Ebola and Respiratory Viruses (Enterovirus D68, MERS, Animal Influenza)

David Weber, MD, MPH

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

- Cite the infectious diseases that have newly appeared or have existed and are now rapidly increasing in incidence or geographic range.
- Describe the implications to the anesthesia care team of current emerging pathogens including but not limited to Ebola virus, Enterovirus D68, and Middle East respiratory syndrome coronavirus.

Session V: Infectious Disease

SSI: Strategies for Control in Your Practice

Bridget Pearce, MD

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

- Review the literature regarding common pathogens that cause surgical site infection.
- Describe the appropriate antibiotic dosing/timing relative to surgical factors to prevent surgical site infections.
- Identify key interventions beyond antibiotic administration that an anesthesiologist can do to decrease the incidence of surgical site infections.

What Infections Will You Encounter in the OR

Justin L. Lockman, MD, FAAP

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

- Describe the most common communicable diseases that the pediatric anesthesiologist will encounter in the perioperative setting.
- Evaluate systems-based practices to identify and contain common communicable diseases.
- Identify techniques to limit cross-contamination between patients, providers, and equipment.

Infection Prevention in Anesthesia Practice

Lizabeth Martin, MD

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

- Identify anesthetic procedures associated with a higher risk for infection.
- Evaluate techniques to prevent catheter-based infections.
- Examine quality improvement initiatives that decrease development of infection following anesthesia procedures.

Session VI: Zoo Anesthesia

Zoo Anesthesia

Mark Greenberg, MD

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

- Compare vital sign monitoring across species – how do you measure perfusion in a reptile?
- Relate the essential skills of pediatric anesthesia – flexibility and adaptability – to zoo anesthesia.



ANNUAL MEETING ^{29TH}

October 23, 2015 • Manchester Grand Hyatt • San Diego, CA
 Online registration at www.pedsanesthesia.org will open soon.

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 9/25/15	After 9/25/15	
<input type="checkbox"/> SPA Member - US & Canada	\$275	\$325	= \$ _____
<input type="checkbox"/> Non-Member - US & Canada	\$400	\$450	= \$ _____
<input type="checkbox"/> SPA Member - International	\$175	\$200	
<input type="checkbox"/> Non-Member - International	\$300	\$350	= \$ _____
<input type="checkbox"/> Resident <input type="checkbox"/> Fellow*	\$175	\$200	= \$ _____
<input type="checkbox"/> SPA Member - Retired	\$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) # _____ @ _____	\$35	\$50	= \$ _____
Accompanying Person(s) Name(s): _____			
<input type="checkbox"/> SPA Patient Safety Education and Research Fund Donation [†] (\$50 is suggested)			= \$ _____
Meeting Total:			= \$ _____

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 SPPM
 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.)

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: Full refund less \$50 administrative fee through September 4, 2015; 50% refund September 5 - September 25, 2015; No refunds after September 25, 2015. Refunds determined by date written cancellation is received.

Hotel/Lodging Information: The 29th Annual Meeting will be held at the Manchester Grand Hyatt in San Diego, CA. Hotel reservations must be made through the ASA Housing Bureau. To make hotel reservations online, please visit 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.



Non-Profit Org.
U.S. Postage
PAID
Permit No. 2929
Richmond, VA

2209 Dickens Road
Richmond, VA 23230-2005



29TH

ANNUAL MEETING

October 23, 2015 • Manchester Grand Hyatt • San Diego, CA