23rd Annual Meeting
October 16, 2009
Sheraton New Orleans Hotel
New Orleans, LA
Purpose
The SPA Education Committee has put together an outstanding program this year focused on Practice Improvement. The scientific program is based on feedback from attendees of the society’s previous meetings and will focus on ways to improve, motivate and assess both group and individual practices.

Program Description
The traditional “gold standard” for the science of medicine is the use of randomized, multi-center placebo controlled trials. Dr. Sachin Kheterpal is a leader in the development of the use of clinical information systems for outcomes research and will present information that will change the way you interpret medical science. His lecture will be followed by Dr. Randall Wetzel who will discuss the value of shared outcome data that has been realized through the virtual PICU. Additional examples of the value information systems in anesthesiology will be presented by Drs. Mohamed Rehman and Randall Brenn along with a lively discussion. The morning session will conclude with lectures on individual practice improvement with talks on incentives and measurement tools of individual performance from Drs. Dean Kurth and Amr Abouleish.

The afternoon session will continue with our theme of practice improvement starting with safety as a motivator. Dr. David Gaba will discuss crew resource management as a tool for enhancing safety and quality improvement, followed by two additional talks on effective communication and the use of checklists to improve safety from Drs. Thomas Shaw and Eugenie Heitmiller. The afternoon program will end with two presentations related to Hurricane Katrina, which cancelled our plans to hold the 2005 meeting in New Orleans. Dr. Paul Sirbaugh will discuss disaster preparedness, while Dr. Charles Fox will share with us the lessons he learned on the ground in New Orleans during and after the storm.

Education Mission Statement
The Annual Meeting will focus on several areas of pediatric anesthesia and healthcare delivery. The overall goals for attendees of this program are to enhance their existing fund of knowledge and introduce them to new state-of-the-art issues that may affect their practice, thereby increasing their ability to provide the highest possible quality of care.

Target Audience
The program is intended for anesthesiologists and other practitioners who care for children in their practice of anesthesia and/or critical care medicine. It is also intended for clinical and basic science researchers whose areas of investigation relate to pediatric anesthesia/critical care, as well as physicians and healthcare providers interested in learning more about the practice of pediatric anesthesia.

CME Credits
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 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

We look forward to your active participation in the meeting sessions and request that you provide valuable feedback by completing evaluations and comments.

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 22, 2009.

Maintenance of Certification in Anesthesiology (MOCA)
SPA members who provide us with their ABA Number will automatically have their credits earned at SPA sponsored activities forwarded to the ABA.

WELCOME!
I’m calling all my friends and colleagues welcoming them to the 23rd Annual Meeting of the Society for Pediatric Anesthesia in beautiful New Orleans where you will experience a city of great heritage, unique cuisine and fabulous entertainment. The New Orleans French Quarter and convention area are fully recovered from Hurricane Katrina, and are ready for you and your family to enjoy.

Immediately following the meeting there will be a reception that will end in plenty of time for you to experience an evening of great food and music in the Big Easy.

Stephen A. Stayer, MD, FAAP
23rd Annual Meeting
October 16, 2009 • The Sheraton New Orleans Hotel • New Orleans, LA

SCIENTIFIC PROGRAM: PRACTICE IMPROVEMENT

HOW TO IMPROVE GROUP PRACTICE
Moderator – James M. Steven, MD, FAAP

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tr>
<td>6:30 am</td>
<td>Registration</td>
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<tr>
<td>6:45-7:45 am</td>
<td>Breakfast with Exhibitors</td>
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</table>
| 7:45-8:00 am | Introduction and Welcome  
Joseph Tobin, MD, FAAP, FCCM and Stephen A. Stayer, MD, FAAP |
| 8:00-8:45 am | Beyond the randomized controlled trial - The new science of using clinical information systems.  
Sachin Kheterpal, MD, MBA |
| 8:45-9:30 am | Databases for practice improvement: successes of the virtual PICU  
Randall C. Wietzel, MBBS, FAAP |
| 9:30-9:45 am | The electronic anesthesia record can be used to improve patient care.  
Mohamed A. Rehman, MD |
| 9:45-10:00 am | The electronic anesthesia record can be used to improve OR efficiency.  
B. Randall Brenn, MD |
| 10:00-10:20 am | Questions and Answers                                                     |
| 10:20-10:45 am | Break with Exhibitors                                                    |

SAFETY AS A MOTIVATOR FOR PRACTICE IMPROVEMENT
Moderator – Steven R. Tosone, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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| 1:00 – 1:45 pm | Crew Resource Management  
David M. Gaba, MD |
| 1:45 – 2:05 pm | Communication  
Thomas L. Shaw, MD |
| 2:05 – 2:25 pm | Checklists  
Eugenie S. Heitmiller, MD, FAAP |
| 2:25 – 2:45 pm | Questions and Answers                                                     |
| 2:45-3:15 pm | Break with Exhibitors                                                    |

DISASTER – LESSONS LEARNED FROM KATRINA
Moderator – Alfred T. Dorsey, MD, FAAP

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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| 3:15-3:45 pm | The Katrina Experience  
Charles J. Fox, MD |
| 3:45-4:30 pm | Resource Utilization in Disasters  
Paul Sirbaugh, MD |
| 4:30-4:45 pm | Questions & Answers                                                      |
| 4:45-5:00 pm | Wrap-up                                                                  |
| 5:30-7:30 pm | Reception                                                                |

CHANGING PHYSICIAN PRACTICE
Moderator – Dean B. Andropoulos, MD, MHCM

<table>
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<tr>
<th>Time</th>
<th>Activity</th>
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| 10:45-11:15 am | Clinical work: Productivity-based compensations vs. Incentive Plans  
Amr Abouleish, MD, MBA |
| 11:15-11:45 am | Performance based credentialing  
C. Dean Kurth, MD, FAAP |
| 11:45 am-12:00 pm | Questions and Answers                                                     |
| 12:00-1:00 pm | Lunch with Exhibitors                                                    |
Faculty

Amr Abouleish, MD, MBA  
University of Texas Medical Branch  
Galveston, TX

Dean B. Andropoulos, MD, MHCM  
Texas Children’s Hospital  
Houston, TX

B. Randall Brennan, MD  
A.I. duPont Hospital for Children  
Wilmington, DE

Alfred T. Dorsey, MD, FAAP  
A.I. duPont Hospital for Children  
Wilmington, DE

Charles J. Fox, MD  
Tulane University Hospital & Clinic  
New Orleans, LA

David M. Gaba, MD  
Stanford University  
Palo Alto, CA

Eugenie S. Heitmiller, MD, FAAP  
Johns Hopkins University  
Baltimore, MD

Sachin Kheterpal, MD, MBA  
University of Michigan  
Ann Arbor, MI

C. Dean Kurth, MD, FAAP  
Cincinnati Children’s Hospital Medical Center  
Cincinnati, OH

Mohamed A. Rehman, MD  
Children’s Hospital of Philadelphia  
Philadelphia, PA

Thomas L. Shaw, MD  
Texas Children’s Hospital  
Houston, TX

Paul Sirbaugh, MD  
Texas Children’s Hospital  
Houston, TX

Stephen A. Stayer, MD, FAAP  
PROGRAM CHAIR  
Texas Children’s Hospital  
Houston, TX

James M. Steven, MD, FAAP  
Children’s Hospital of Philadelphia  
Philadelphia, PA

Steven R. Tosone, MD  
Children’s Healthcare of Atlanta at Egleston/Emory  
Atlanta, GA

Randall C. Wetzell, MBBS, FAAP  
Children’s Hospital of Los Angeles  
Los Angeles, CA

Exhibitors

Anesthesia Safety Products  
Arizant Healthcare Inc.
Aspect Medical Systems, Inc.
B. Braun Medical Inc.
CAS Medical Systems, Inc.
Covidien
Diversionary Therapy Technologies
Draeger Medical, Inc.
Elsevier USA
Invivo
Kimberly-Clark Healthcare
King Systems Corporation
Lippincott, Williams & Wilkins
LMA North America
Masimo Corporation
MEDRAD, Inc.
Nemours

North American Partners in Anesthesia  
PharMEDium Services, LLC
PRAN (Pediatric Regional Anesthesia Network)
SonoSite, Inc.
TIVA HealthCare
Verathon Medical

Society for Pediatric Anesthesia

education research patient care
Program Objectives

Beyond the randomized controlled trial - The new science of using clinical information systems.
Sachin Kheterpal, MD, MBA
• Discuss the use of multi-centered database mining
• Explore the use of databases in researching clinical questions
• Provide examples of how this research technique can be used for practice improvement

Databases for practice improvement: successes of the virtual PICU
Randall C. Wetzel, MBBS, FAAP
• Understand the utility of a multi-institutional database
• Discuss the use of comparative data in practice improvement
• Provide specific clinical examples of practice change through the use of multi-centered data

The electronic anesthesia record can be used to improve patient care
Mohamed Rehman, MD
• Discuss an example of how the electronic anesthesia record was used to solve a clinical problem.

The electronic anesthesia record can be used to improve OR efficiency
B. Randall Brenn, MD
• Discuss an example of how the electronic anesthesia record was used to improve operating room efficiency

Clinical Work: Productivity-based Compensations vs. Incentive Plans
Amr Abouleish, MD, MBA
• Understand the differences between Productivity-based compensations and incentives
• Understand what is valued and devalued by possible productivity measurements

Performance-based Credentialing
C. Dean Kurth, MD
• Discuss current and future JCAHO regulations for performance based credentialing
• Provide an example of a working system for performance based credentialing

Crew Resource Management
David M. Gaba, MD
• Discuss the utility of crew resource management in improving safety and quality in the operating room
• Describe the resources required in providing crew resource management for operating room personnel
• Discuss current and future JCAHO regulations regarding CRM

Communication
Thomas L. Shaw, MD
• Describe improved communication with transfer of care between intensive care units and the operating rooms

Checklists
Eugenie S. Heitmiller, MD, FAAP
• Describe the use of checklists to improve safety in the operating room

The Katrina Experience
Charles J. Fox, MD
• Present the experience and effects on health care delivery during and after the hurricane.
• Describe what additional preparation would have improved outcomes
• Describe what processes functioned well

Resource Utilization in Disasters
Paul Sirbaugh, MD
• Recognize the importance of outsourcing talents, skill sets and resources during disaster planning and response
• Describe the response and lessons learned from Katrina evacuees housed in the Astrodome
• Compare the responses, successes and failures between Katrina, Rita and Ike
Program Registration

First Name _____________________________ Last Name: ________________________________ Degree _____________________

Address (Check Preference):  □ Home  □ Business

City / State / Zip _________________________________________________________________

Phone ( ) ________________________________  Fax ( ) ________________________________

Business Telephone ( ) ____________________________ Email ________________________________

Hospital Affiliation _____________________________________________________________

☐ I plan to attend the SPA Reception

Registration fees
Includes meeting syllabus on CD-ROM, continental breakfast, luncheon, breaks and reception

<table>
<thead>
<tr>
<th></th>
<th>Through Sept. 22</th>
<th>After Sept. 22</th>
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</thead>
<tbody>
<tr>
<td>SPA members, including resident members</td>
<td>$200</td>
<td>$250</td>
</tr>
<tr>
<td>Non-SPA members (U.S. or Canada)</td>
<td>$375</td>
<td>$425</td>
</tr>
<tr>
<td>International non-member</td>
<td>$250</td>
<td>$300</td>
</tr>
<tr>
<td>Allied Health</td>
<td>$175</td>
<td>$225</td>
</tr>
<tr>
<td>Student Nurse Anesthetist</td>
<td>$175</td>
<td>$225</td>
</tr>
<tr>
<td>Extra (for guests) SPA reception tickets</td>
<td>$25</td>
<td>$40</td>
</tr>
</tbody>
</table>

SPA is an Internal Revenue Code Section 501(c) 3 organization. Donations are tax deductible as allowed by law. Contributions will be acknowledged.

Total: $ ____________

Maintenance of Certification in Anesthesiology (MOCA)
SPA members who provide their ABA numbers will automatically have the credits forwarded to the ABA.

ABA #: ____________________________

Payment
☐ Check enclosed  ☐ Visa  ☐ Mastercard  ☐ AmEx  ☐ Discover

Card Number: ____________________________________________ Expiration Date: ____________________________

Printed Name on Card: __________________________________ Signature: ____________________________

Refund Policy
Full refund less $50 administrative fee through August 21, 2009; 50% refund August 22-September 22, 2009; No refunds after September 22, 2009. Refunds determined by date written cancellation is received.

Make checks payable to the Society for Pediatric Anesthesia and mail to:
Society for Pediatric Anesthesia, 2209 Dickens Rd., Richmond, Virginia 23230-2005
Phone (804) 282-9780 • Fax (804) 282-0090 • Email spa@societyhq.com • www.pedsanesthesia.org

Hotel/Lodging Information
The 2009 Annual Meeting will be held at the Sheraton New Orleans Hotel in New Orleans. 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.
Last Name: ___________________________ First Name: ___________________________ MI: __ □ MD □ DO □ PhD □ CRNA □ Other

Preferred Mailing Address: ___________________________________________________________

City: ___________________________ State/Country: ___________________________ Zip/Postal Code: ___________________________

Office Phone: ______________________ Fax: ______________________ E-mail ______________________

Date of Birth (mm/dd/yy): ______/_____/______ Type of Practice: □ Private □ University □ Government □ Other

Hospital Affiliation: ________________________________________________________________

Academic Degrees & Other Professional Certifications With Dates: ___________________________

_______________________________________________________________________________

ABA #: ___________________________

I Hereby Make Application For:

□ ACTIVE MEMBERSHIP: ................................................................................................................................. $175
  Physicians practicing in the US or Canada who have an interest in pediatric anesthesia, and are eligible to be members of the
  ASA, may vote and/or hold office.

□ AFFILIATE MEMBERSHIP: ............................................................................................................................ $175
  Physicians not eligible to be members of the ASA, non-physicians with an interest in pediatric anesthesia. May not vote and/
  or hold office.

□ ACTIVE/AFFILIATE JOINT MEMBERSHIP WITH CCAS: ................................................................. $200
  Active and affiliate SPA members qualify for joint membership with the Congenital Cardiac Anesthesia Society.
  □ Active Joint □ Affiliate Joint

□ INTERNATIONAL MEMBERSHIP: .................................................................................................................... $50
  Physicians practicing outside of the US and Canada who have an interest in pediatric anesthesia.

□ INTERNATIONAL JOINT MEMBERSHIP WITH CCAS: ............................................................................ $75
  International SPA members qualify for joint membership with the Congenital Cardiac Anesthesia Society.

□ RESIDENT/FELLOW MEMBERSHIP: ........................................................................................................... $40
  Physicians in an approved residency training program or performing post residency fellowship training (not to exceed five years). Resident
  membership requires endorsement by program director. □ Check if you are a fellow in pediatric anesthesia.

Residency Location: _________________________________________________________________

Completion Date: _______________ Signature of Program Director: _______________

Referred by: ____________________________

Payment Options:

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

□ AmEx □ Mastercard □ Visa □ Discover Card Number: ____________________________________________

Expiration Date: _______________ Printed Name on Card: ____________________________________________

Signature: ___________________________ Date: ___________________________
2010 ★ 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 15 - 18, 2010
THE GRAND HYATT • SAN ANTONIO, TEXAS