SOCIETY FOR PEDIATRIC ANESTHESIA

2006 ANNUAL MEETING

October 13, 2006
Chicago Marriott Downtown
Chicago, Illinois

Program Chair
Santhanan Suresh, MD

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Richmond, VA 23230 1086
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Fax: 804-282-0090
Email: spa@societyhq.com

For program updates go to:
www.pedsanesthesia.org
Program Description

Welcome to my hometown Chicago, the Windy City, for the 20th Annual Meeting of the Society for Pediatric Anesthesia. We have compiled an exciting program based on feedback from the members of the Society at previous meetings. The theme for this year’s meeting will be Pain Management and Medical Informatics.

The morning session will be comprised of two basic science lectures on the neurobiology of acute and chronic pain by two pre-eminent pain specialists. This will be followed by two focused sessions on assessment of pain followed by an overview of non-pharmacological approaches to pain management including distraction, acupuncture, as well as an exciting session on virtual distraction using computerized technology.

The next session will consist of pharmacological approaches to pain management including the use of opioids and non-steroidal, regional anesthetic techniques, as well as newer modalities in pain management and the management of chronic pain in children.

The afternoon session is also comprised of an exciting venture into the use of electronic anesthesia records, a newer error-free computerized prescription writing method, followed by an overview of large database utilization for multi-center research purposes. Since awareness is a major issue in anesthesia, we will have a 30-minute session discussing newer strides in awareness related research in children as of 2006.

The final lecture will be delivered by an expert in the architecture of Chicago to discuss the monumental work that has gone into some of the finer buildings in Chicago. We are not just a city with tall buildings like the Sears Tower or the John Hancock Building, and I hope you will journey with our final speaker into the variety of different architectural jewels that we have in Chicago.

A reception will follow at a private function at the Museum of Science and Industry, one of the jewels of Chicago. The museum has accommodated us to peruse through some of the areas and I would strongly encourage you to bring your families to enjoy this wonderful reception.

I look forward to seeing you this fall in Chicago and we’ll leave the light on for you.

Santhanam Suresh, MD
Associate Professor of Anesthesiology & Pediatrics
Feinberg School of Medicine, Northwestern University
Children’s Memorial Hospital
Chicago, IL

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 anesthesiology 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 continuing medical education activity for a maximum of 6.5 credits in Category 1 credit towards the AMA Physician’s Recognition Award. Each physician should claim only those credits that he/she actually spent in the educational activity.

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 4, 2006.

Maintenance of Certification in Anesthesiology (MOCA)

SPA members who provide us with their ABA Number will automatically have their credits forwarded to the ABA.
2006 Annual Meeting
October 13, 2006
Chicago Marriott Downtown • Chicago, IL

– Scientific Program –

7:00 – 7:45 am
REGISTRATION
CONTINENTAL BREAKFAST WITH EXHIBITORS

7:45 – 8:00 am
WELCOME
Santhanam Suresh, MD; Frank McGowan, MD

8:00 – 9:30 am
Moderator: Elliot J. Krane, MD

8:00 am
Neurobiology of Acute Pain in Children
K.J.S. Anand, MD, MBBS, DPhil

8:40 am
Chronic Nociceptive and Neuropathic Pain in Developing Animals and in Children
Charles B. Berde, MD, PhD

9:20 am
Questions and Discussion

9:30 – 10:00 am
BREAK WITH EXHIBITORS

10:00 – 11:45 am
MANAGEMENT OF PAIN IN CHILDREN
Moderator: Allison Kinder Ross, MD

10:00 am
Assessment of Pain in Children
Shobha Malviya, MD

NON-PHARMACOLOGIC APPROACHES TO PAIN MANAGEMENT

10:20 am
Magical Distraction
J. Christian Abajian, MD

10:50 am
Acupuncture
Brenda Golianu, MD

11:10 am
Virtual Distraction
Sam R. Sharar, MD

11:30 am
Questions and Discussions

11:45 am - 1:00 pm
LUNCH AND BUSINESS MEETING

1:00 – 2:30 pm
PHARMACOLOGICAL APPROACHES TO PAIN MANAGEMENT
Moderator: Patrick Birmingham, MD

1:00 pm
Opioids and Non-Steroidals
Julia Finkel, MD

1:20 pm
Regional Anesthesia
Adrian T. Bosenberg, FFA (SA)

1:40 pm
Newer Modalities for Pain Management
Brenda C. McClain, MD

2:00 pm
Chronic Pain Management
John B. Rose, MD

2:20 pm
Questions and Discussions

2:30 – 3:00 pm
BREAK WITH EXHIBITORS

3:00 – 4:20 pm
MEDICAL INFORMATICS & QUALITY ASSURANCE
Moderator: Tetsu Uejima, MD

3:00 pm
Electronic Anesthesia Records, Can We Make Them User Friendly?
Joseph P. Previte, MD

3:20 pm
Minimizing Prescription Writing Errors: Computerized Prescription Order Entry
Benjamin H. Lee, MD, MPH

3:50 pm
Database Management: The Pediatric Regional Anesthesia Consortium as prototype
Lynn D. Martin, MD

4:10 pm
Questions and Discussion

4:20 – 4:50 pm
Awareness Under Anesthesia: Where are we in 2006?
Peter J. Davis, MD

4:50 – 5:30 pm
Architecture of Chicago
Marina Vassi Panos, LEED, AP

6:30 pm
Reception at
THE MUSEUM OF SCIENCE AND INDUSTRY
## Faculty

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<thead>
<tr>
<th>Name</th>
<th>Institution</th>
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<tbody>
<tr>
<td>J. Christian Abajian, MD</td>
<td>University of Vermont College of Medicine</td>
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<tr>
<td>K.J.S. Anand, MD, MBBS, DPhil</td>
<td>Arkansas Children’s Hospital</td>
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<td>Benjamin H. Lee, MD, MPH</td>
<td>The Johns Hopkins Medical Institutions</td>
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<td>Shobha Malviya, MD</td>
<td>University of Michigan Health System</td>
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<td>Lynn D. Martin, MD</td>
<td>Children’s Hospital &amp; Regional Medical Center</td>
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<td>Brenda C. McClain, MD</td>
<td>Yale University School of Medicine</td>
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<td>Francis X. McGowan, Jr., MD</td>
<td>Children’s Hospital, Boston</td>
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<td>Marina Vassi Panos, LEED, AP</td>
<td>VOA Associates Inc.</td>
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<td>Santhanam Suresh, MD</td>
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<td>Tetsu Uejima, MD</td>
<td>Children’s Memorial Hospital</td>
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**Society for Pediatric Anesthesia**

**SPA would like to thank the 2006 supporters for:**

**SPA 20th Anniversary Annual Meeting**
- Chicago Marriott Downtown
- October 13, 2006

**Pediatric Anesthesia 2006**
- Sanibel Harbour Resort
- Ft. Myers, FL
- February 16-19, 2006

**PLATINUM:**
- Abbott Laboratories

**SILVER:**
- Baxter Healthcare • Corgentech, Inc. • Masimo Corporation

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- Sheridan Healthcare
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- Texas Children’s Hospital, Houston, TX

**SUPPORTERS:**
- American Academy of Pediatrics • Blackwell Publishing • Elsevier • Lippincott, Williams & Wilkins • TIVA Healthcare

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As of June 1, 2006
Program Objectives

Neurobiology of Acute Pain in Children
At the end of these lectures, the attendee will be able to:
• Recognize neural pathways that lead to acute pain in children
• Understand neurohormonal changes associated with acute pain in children

Chronic Nociceptive and Neuropathic Pain in Developing Animals and in Children
At the end of these lectures, the attendee will be able to:
• Recognize pain pathways associated with chronic recurrent pain in children
• Understand the neurophysiological changes associated with persistent pain

MANAGEMENT OF PAIN IN CHILDREN
Assessment of Pain in Children
At the end of these lectures, the attendee will be able to:
• Utilize current, validated scales of pain measures in children
• Have the ability to discern the specific pain measures that can be used for pre-verbal children as well as cognitively impaired children

NON-PHARMACOLOGIC APPROACHES TO PAIN MANAGEMENT
Magical Distraction
At the end of these lectures, the attendee will be able to:
• Use simple distraction measures that can be used for minor painful procedures

Acupuncture
At the end of these lectures, the attendee will be able to:
• Understand the use of ancient Chinese medicine, ie., acupuncture for management of acute as well as chronic pain in children

Virtual Distraction
At the end of these lectures, the attendee will be able to:
• Look into high-tech virtual reality methods for reducing painful procedures in children

PHARMACOLOGICAL APPROACHES TO PAIN MANAGEMENT
Opioids & Non-Steroidals
At the end of these lectures, the attendee will be able to:
• Understand the pharmacology and the pharmacodynamics of opioids and non-steroidals for management of pain in children

Regional Anesthesia
At the end of these lectures, the attendee will be able to:
• Apply the use of regional techniques for pain management in children
• Understand some of the newer technology including ultrasonography for performing nerve blocks in children

Newer Modalities for Pain Management
At the end of these lectures, the attendee will be able to:
• Apply the use of other medications including NMDA receptor antagonists, alpha 2 agonists, anticonvulsants, etc. for concomitant management of pain

Chronic Pain Management
At the end of these lectures, the attendee will be able to:
• Get a glimpse of some of the common chronic pain problems in children
• Apply a multidisciplinary approach to management of some of the more common chronic pain problems including CPRS-1, headaches, and back pain

MEDICAL INFORMATICS & QUALITY ASSURANCE
Electronic Anesthesia Records, Can We Make Them User Friendly?
At the end of these lectures, the attendee will be able to:
• Get a 101 on current electronic anesthesia records that are available
• Look at the strengths and pitfalls of the use of anesthesia records

Minimizing Prescription Writing Errors: Computerized Prescription Order Entry
At the end of these lectures, the attendee will be able to:
• Decrease prescription writing errors: computerized prescription ordering system
• Understand newer computerized prescription writing methods for pediatric patients

Multicenter Collaboration for Clinical Improvement:
The Pediatric Regional Anesthesia Consortium as prototype
At the end of these lectures, the attendee will be able to:
• Understand how a large database management system will facilitate future multicenter trials as well as prevent future complications in pediatric anesthesia

Awareness Under Anesthesia: Where are we in 2006?
At the end of these lectures, the attendee will be able to:
• Realize that awareness is a big issue and has to be addressed even in pediatric patients
• Have an idea of current systems that we have that may prevent awareness in the operating room

Architecture of Chicago
At the end of these lectures, the attendee will be able to:
• Enjoy a scenic overview of Chicago’s greatest architectural jewels
The Museum of Science and Industry’s mission is to inspire the inventive genius in everyone by presenting captivating and compelling experiences that are real and educational. The Museum offers many classics as well as countless new exhibits to explore! Below is a list of some of the exhibits. For more information, visit www.msichicago.org.

**Old Ben #17**

**The Coal Mine** – Welcome to Old Ben #17. Before we descend the 600 feet to the coal seam, let’s talk about mine safety, first there’s absolutely no smoking or open flames allowed in the mine. The methane gas produced in the mine is flammable. Second, always wear your hardhat. And third, keep in mind where your nearest exit is in case we need to evacuate the mine. OK, let’s step into the cage at the top of the shaft.

**Robots Like Us**

Get ready! You are about to meet a “far-out” collection of robots and space toys from the mid-twentieth century.

These characters tell us a story of a very interesting era—the time between World War II and the first human Moon landing—and they depict how people in the past saw our future. From the 1940s to the 1960s, popular culture was greatly influenced by visions of the future and science fiction fantasies. Robots became the toy to own. They explored the fantasy of an unknown frontier and were armed with the technology of the future!

The future is now, and the kids who first played with these toys are all grown up. And guess what? Robots have grown up too! Check out the cutting-edge real robots of today and learn about the latest innovations in robotic development and design.

**ToyMaker 3000**

Check out the Museum’s technological wonder, ToyMaker 3000, to learn about automated manufacturing and robotics! Witness the handiwork of 12 robots as they assemble 300 colorful “gravitron” toy tops in an hour. Purchase your own gravitron and see it made before your eyes—with your name engraved on it!

**Genetics: Decoding Life**

This cutting-edge exhibit allows guests to experience genetics in action. Learn about cloning, modification, development and genetic mutation while observing cloned mice, genetically modified frogs, baby chicks, zebra fish embryos and genetically mutated fruit flies.

**Baby Chick Hatchery** – The Baby Chick Hatchery, now located in the Genetics: Decoding Life exhibit, has been a favorite guest spot since 1954. Fertile chicken eggs are placed in the display on the day they are due to hatch, and guests witness as the chicks carefully peck their way out of their shells. Fluffy, newly hatched chicks remain in the exhibit for a few days and continue to delight guests.

**Networld**

This exhibit provides a unique experience by allowing guests to actually get inside the Internet and interact with the technology that keeps our modern world connected every day. Guests can enhance their Networld experience by purchasing a Netpass card, which can be used to digitize a guest’s body and create an avatar—a computerized personal guide through the exhibit.

**Frogs – A chorus of colors**

Go eye to eye with more than 150 live vibrantly colored frogs from around the world. From the poisonous to the polka-dotted to the purple, you’ll see beautiful and bizarre frogs. Perform a virtual dissection and learn about frog biology without putting an animal under the knife. Learn how frogs’ fates are faltering in our changing environment and what you can do to help.

**The Great Train Story**

The Great Train Story replaces the Museum’s 60-year-old model railroad exhibit and boasts a 3,500 square foot layout, which depicts the railroad’s winding journey between Chicago and Seattle, passing through the Midwest, the Plains States, the Rockies, the Cascades, and into the Pacific Northwest. Along the way, trains are involved in industries as diverse as grain commodities, raw materials for manufacturing, consumer goods for import and export, lumber, apples, and tourism.

**Petroleum Planet**

Getting chilly outside? Don your favorite Gore-Tex™ jacket and apply some lip balm. Breath a little ripe? Brush your teeth and top it off with a nice minty stick of chewing gum. And remember to thank the petroleum industry while you’re at it!
- Registration -
SPA 20th Annual Meeting
October 13, 2006 • Chicago, IL

Please Print or Type Information

Name ______________________________________________ Degree _______________________________________________

Address (Check Preference): ( ) Home ( ) Business
____________________________________________________________________________________________________________
____________________________________________________________________________________________________________
City / State / Zip ______________________________________________________________________________________________
Phone (______) _____________________________ Fax (______) _____________________________
Business Telephone (______) _____________________________ Email _________________________________________________

Hospital Affiliation ____________________________________________________________________________________________

( ) I plan to attend the SPA Reception
* ( ) I plan to bring a guest with me to the SPA Reception (Extra Fee)

Registration Fees: Registration fee includes meeting syllabus (CD-ROM), continental breakfast, luncheon, breaks and reception.

Thru September 2 After September 2
SPA Members, includes Resident Members ................................................ $200 ................. $250 ................. $ __________
Non SPA Members (U.S. or Canada)......................................................... $300 ................. $350 ................. $ __________
International Non-member ........................................................................ $250 ................. $300 ................. $ __________
Allied Health .............................................................................................. $175 ................. $225 ................. $ __________
Student Nurse Anesthetist .................................................................... $175 ................. $225 ................. $ __________
*Extra SPA Reception Tickets.................................................................... $50 ................. $65 ................. $ __________
Educational/Research Fund Donation................................................................. $ __________
(SPA is a 501(c)3 organization and donations are tax deductible as allowed by law. Contributions will be acknowledged.)

TOTAL $ __________

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

Payment
☐ Check (Enclosed) ☐ Visa ☐ MasterCard ☐ AmEx ☐ Discover

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Refund Policy
Full refund less $50 administrative fee through August 7, 2006; 50% refund less $50 administrative fee; August 7-September 4,
2006; No refunds after September 4, 2006. Refunds determined by date written cancellation is received.

Make Check payable to the Society for Pediatric Anesthesia and mail to:
Society for Pediatric Anesthesia, P.O. Box 11086, Richmond, Virginia 23230-1086
Phone (804) 282-9780 • Fax (804) 282-0090 • Email spa@socie...t.org

Housing Information
The SPA 20th Annual Meeting will be held at the Chicago Marriott Downtown.
Hotel reservations can only be made on line through the ASA Website at www.ASAhq.org. On the left hand side of the
home page, click on Annual Meeting. On the left hand side of this page, click on Hotel Reservations and then follow
the directions. Any questions pertaining to hotel reservations, changes or cancellations should be directed to the ITS
Office at (847) 282-2529 or electronically through the Reservations Page by clicking on FAQ.
Visit www.pedsanesthesia.org for program updates