

North American Institute for Continuing Education  
2753 Broadway, Suite 183, New York, NY 10025

# NYSORA 2015

New York School of Regional Anesthesia

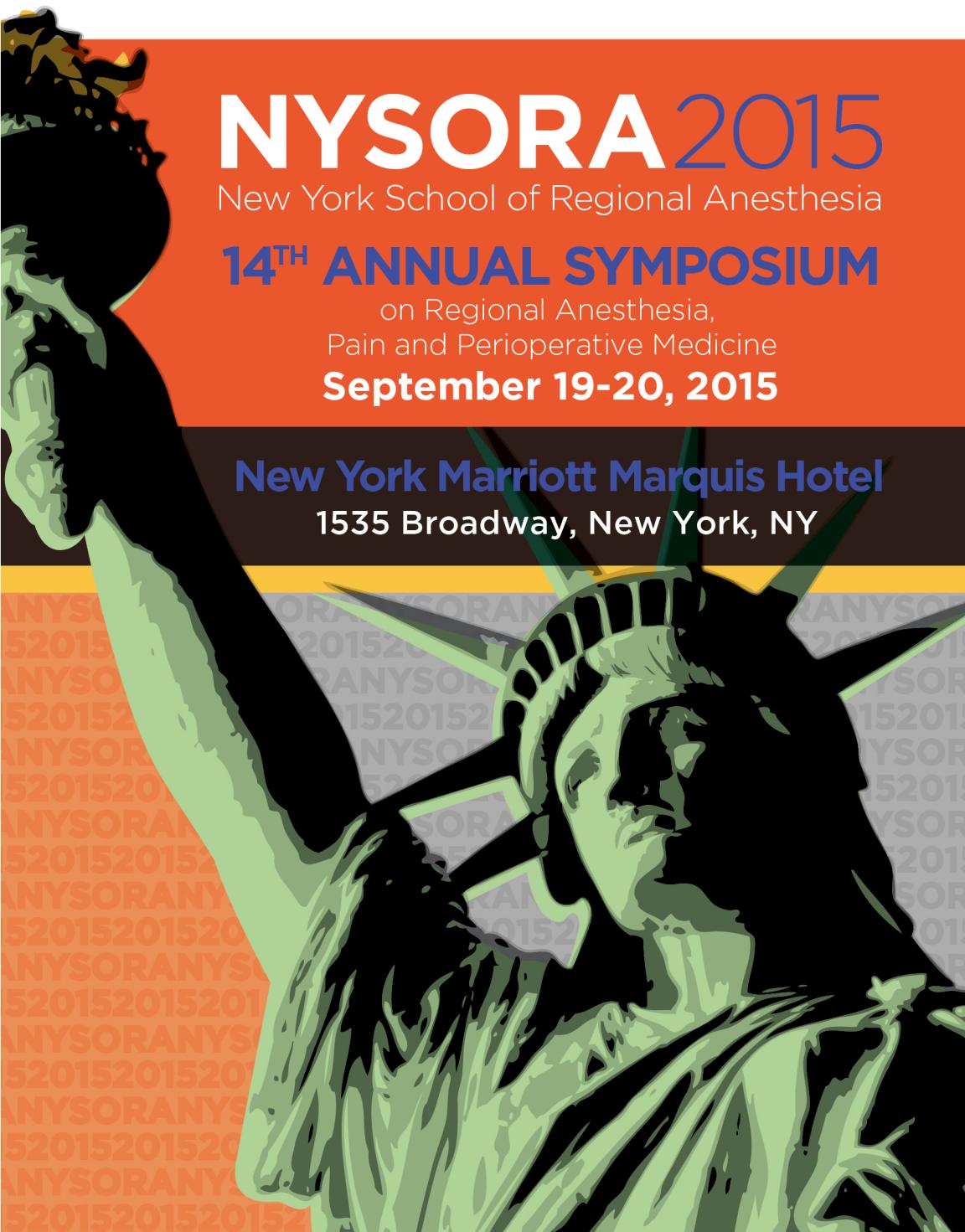
## 14<sup>TH</sup> ANNUAL SYMPOSIUM

on Regional Anesthesia,  
Pain and Perioperative Medicine

**September 19-20, 2015**

**New York Marriott Marquis Hotel**

1535 Broadway, New York, NY



**NYSORA**  
THE NEW YORK SCHOOL OF  
REGIONAL ANESTHESIA

**CME Credit Certified by**

North America Institute for Continuing Education



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# Welcome

Dear Colleague,

We cordially invite you to join us at **NYSORA's 14TH Annual Symposium on Regional Anesthesia, Pain and Perioperative Medicine, September 19-20, 2015 in New York City**. This flagship symposium is one the largest gatherings of anesthesiologists with a specific interest in regional anesthesia and acute pain medicine.

We offer two parallel sessions that are packed with up-to-date information, the signature NYSORA hands-on workshops and an associated social program. This event offers unprecedented opportunities for enriching knowledge, skills and lasting professional connections among all who attend. The first parallel track will feature the **NYSORA's fabled THINK-TANK (NTT)** lecture series where each 19 minute lecture is delivered by key opinion leaders in the field, followed by a 10 minute discussion with the audience. The program is ran strictly on time and allows at least 8-10 questions that will be addressed using NYSORA's rapid-style response. The **NTT** talks are presented by selected speakers who will share their own data with a literature-supported balanced view for the practicing clinician. The, second parallel track will feature **NYSORA's Anesthesiology Review Series (ARS)**, delivered by some of the most sought-after national and international speakers.

NYSORA annual symposium features methodologically selected established speakers who share their own research, as well as a number of up-and-coming new stars and opinion leaders. In addition, several "surprise" speakers from among the most passionate and vocal practitioners are always added to foster brainstorming and add additional energy to the symposium. Whether you fly-in to New York from a far-away land, or live in the New York Tri-State area, NYSORA's 14th Annual Symposium will imprint a long lasting educational benefit.

Finally, NYSORA's events are well known for memorable social programs, and this September will be no exception as Big Apple Blues will perform in an underground New York City rock club for all who want to experience another side of New York, typically not discovered by tourists. We look forward to seeing you in September as we endeavor to raise the standards for knowledge, practice and professional networking yet again.

Please be sure to visit the program site frequently for updates, [www.nysorasymposium.com](http://www.nysorasymposium.com).

**Program Chair:** Dr. Admir Hadzic

## Call For Abstracts & Research Competition

The 2015 New York School of Regional Anesthesia Program Committee invites submission of abstracts of scientific papers for the **14TH Annual Regional Anesthesia and Pain and Perioperative Medicine Symposium**, scheduled to take place on September 19 – 20, 2015 in New York City, at the Marriot Marquis Hotel. All abstracts, papers, and oral presentations will be in English.

### INSTRUCTIONS FOR AUTHORS

Abstract Length: The body of the abstract should be approximately 3000 characters (about 500 words). Additionally, tables and figures with legends can be submitted. The abstract should be organized into the following sections:

- Introduction with Hypothesis
- Methods
- Results
- Discussion
- Conclusion
- References

The abstracts will be presented on Saturday, September 19th. Presenters of the three best abstracts will each receive an award. You must be in attendance to present your abstract and to claim your prize.

Accepted abstracts will be printed in *Minerva Anaesthesiologica* Supplements.

Email your submission to Stacy Atkinson at [stacy@nysora.com](mailto:stacy@nysora.com)

Submission Deadline: August 8, 2015

# Learning Objectives

- Assess the pearls and pitfalls of ultrasound-guided regional anesthesia management techniques and suggest their optimal application in perioperative setting
- Design a plan on how to manage challenging patients and techniques
- Analyze and understand the latest changes in ultrasound-guided regional anesthesia techniques
- Compare techniques and clinical applications of ultrasound-guided regional anesthesia procedures to improve success rate and reduce the risk of complications
- Determine the proper choice of single-injection versus continuous nerve block techniques
- Evaluate the indications for and management of continuous infusion of local anesthetics
- Analyze the rational choice, indication and management of epidural analgesia
- Analyze the factors of medico-legal implications and how to properly document nerve block and regional anesthesia procedures
- Identify the available methods, protocols and strategies to manage postoperative analgesia using intrathecal opioids
- Understand indications and best techniques for transverse abdominis (TAP) and adductor canal blocks
- Review the role of regional anesthesia in emergency situations
- Review the indications and techniques of ultrasound-guided nerve block procedures for the pain practitioner
- Review the techniques and indications for peripheral nerve blocks
- Understand the latest developments in long acting local anesthetics and their potential effects on the field of regional anesthesia
- Implement a rational approach to postoperative pain management utilizing the latest concepts in multimodal analgesia
- Become familiar with how regional anesthesia may affect the cancer recurrence

## TARGET AUDIENCE

Practicing anesthesiologists and pain medicine physicians, anesthesia fellows, residents and nurses, as well as other health industry professionals interested in anesthesiology and perioperative medicine.

## ACCREDITATION STATEMENT

The North American Institute for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

## CREDIT DESIGNATION STATEMENT

The North American Institute for Continuing Education designates this live activity for a maximum of 12.75 AMA PRA Category 1 Credits™. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

## POLICY ON FACULTY AND PROVIDER DISCLOSURE

It is the policy of the North American Institute for Continuing Education, that faculty and providers disclose real or apparent conflicts of interest relating to the topics of this educational activity and have established policies in place that will identify and resolve all conflicts of interest prior to this educational activity. Detailed disclosure will be made in the activity handout materials.

## COURSE DIRECTOR

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## CONFERENCE LOCATION

### Marriott Marquis Hotel

1535 Broadway at 45th Street | New York, NY 10036  
Reservations Toll Free: 1-877-303-0104

A block of rooms is available at the conference rate of \$329.00, plus applicable taxes, and is available until August 26th, on a space available basis. After that, rates are subject to availability. When calling, please state that you are with the "NYSORA Conference".

Your attendance at this symposium is guaranteed to be enriched by the cultural and recreational opportunities that only New York City can offer. The hotel is in the heart of Manhattan's midtown, right on Broadway in the theater district and close to the Center of Performing Arts, Carnegie Hall and numerous museums. If you would like to learn more about New York's many attractions, contact the New York Convention and Visitors Bureau, 2 Columbus Circle, New York, NY 10019, (212) 397-8222, [www.nycvisit.com](http://www.nycvisit.com)

## LANGUAGE

The official language of the Symposium is English.

## SPONSORSHIP & EXHIBITION

A professional exhibition will be held within the framework of the Symposium.

For details regarding sponsorship opportunities and/or exhibition space, please contact:

Ms. Stacy Atkinson, Project Director  
E-mail: [stacy@nysora.com](mailto:stacy@nysora.com)  
Tel: +1-212-721-9900

## SYMPORIUM PHOTOGRAPHY AND VIDEO

As in past conferences, a professional photographer/videographer may take photos and/or videos of participants at Symposium 2015 programs and events. These photos and videos are for NYSORA use only and may appear on NYSORA's website, in printed brochures, or other promotional materials. Attendees' registration grants NYSORA permission and consent for use of this photography and video.

# Parallel Sessions:

Saturday, September 19, 2015

## NYSORA THINK-TANK (NTT) LECTURE SERIES

Moderator: Admir Hadzic, MD, PhD

Each of the below presentations is 19 minutes, followed by a 10 minute question & answer session

## 7:00 REGISTRATION AND CONTINENTAL BREAKFAST

## 7:45 OPENING REMARKS

8:00	12 Year Old Having ACL Repair: Adult or Child? Understanding the Venn Diagram of Routine Pediatric Anesthesia Practice - Karen Boretsky, MD	Continuous Nerve Blocks: Best Management Strategies - Michael J. Barrington, MD
8:30	The Most Influential Papers Published in 2014- 2015 - Admir Hadzic, MD, PhD	Anesthetic Management of a Patient with Severe Pre-Eclampsia - Patricia M. Lavand'homme, MD, PhD
9:00	Techniques and Clinical Applications of PEC 1-3: Mechanism, Physiologic Consequences, Preven- tion and Does it Really Matter? - TBA	Implications of the New Quality and Safety Metrics and the New Alternative Payment Methodology for the Future of Regional Anesthesia and Acute Pain Management - Alexandru Visan, MD
9:30	Liposome Bupivacaine in Peripheral Nerve Blockade - Are We There Yet? - Admir Hadzic, MD, PhD	ASRA Newest Consensus Guidelines on Prevention of Neurologic Complications with PNBs - Michael J. Barrington, MD

## 10:00 COFFEE BREAK

10:30	Quadratus Lumborum Blocks. Techniques, Pitfalls and Realistic Indications - Hesham Elsharkawy, MD, MSc	Effects of Volume and Injection Pressure on Disposition of Injectate after PNBs - Philippe Gautier, MD
11:00	Fusion Imaging Technology in Regional Anesthesia: Look into the Future - Thomas F. Bendtsen, MD, PhD	Total Knee Replacement: Techniques, Rehabilitation Goals and Postoperative Rx. - Douglas Unis, MD
11:30	Ultrasound Assessment of the Lung and Diagnosis of Pneumotorax - Hans Fred Garcia Araque, MD	Opening Injection Pressure: Why You Should Monitor - Jeff Gadsden, MD Understanding Injection Pressure Monitoring - Jeff Gadsden, MD

## 12:00 CME LUNCH SYMPOSIUM

AN EDUCATIONAL GRANT FROM PACIRA WAS USED, IN PART, TO SUPPORT THIS LUNCH SYMPOSIUM

1:30	Sleep Apnea, Perioperative Outcomes, and the Role of Regional Anesthesia - Stavros Memtsoudis, MD, PhD	Essential Functional Regional Anesthesia: Unveiling NYSORA Reverse US Anatomy Project - Admir Hadzic, MD, PhD
2:00	What Happens When the Blocks Wear Off? Strategies for Rebound Pain after Single-Shot Blocks - Faraj Abdallah, MD	Ultrasound Evolution of Gastric Content Technique and Clinical Applications - Javier Cubillos, MD
2:30	The Influence of Anesthesia Technique on Perioperative Outcomes Anesthesia. Is Routine GA for Hip or Knee Replacement Negligence? - Stavros Memtsoudis, MD, PhD	Practical Multimodal Analgesia Protocols that Work - Jeff Gadsden, MD
3:00	PRO-CON: Are Blocks Under General Anesthesia or Spinal OK in the Era of Ultrasound? Pro: Arthur Atchabahian, MD Con: Jan Boublik, MD Moderator: Paul Willoughby, MD	Airway and Thoracic Ultrasonography - Theory and Live Demonstration - Wilfredo Puentes Beltran, MD

## 3:30 COFFEE BREAK

4:00	Introducing Obturator and Femoral Triangle Blocks as More Effective Analgesic Alternative than an Abductor Canal Block - Thomas F. Bendtsen, MD, PhD	Standardized Approaches for Upper and Lower PNBs - Catherine Vandepitte, MD
4:30	Outpatient Pharmacologic Management Options of Pain after TKR in Patients Who Are Not Doing Well - Patricia M. Lavand'homme, MD, PhD	Standard Approaches for Common Lower Extremity Nerve Blocks. The NYSORA International Consensus - Admir Hadzic, MD, PhD
5:00	Panel Discussion - All Faculty	Panel Discussion - All Faculty

## 5:30PM ADJOURN

# Workshops:

## Saturday, September 19, 2015

Registration for workshops is limited, so we recommend that you register as soon as possible. Registration fee required

**9:00AM - 12:30PM**

### Ultrasound-Guided Pediatric Regional Anesthesia Workshop

**3.0 AMA PRA Category 1 Credits™**

This workshop will focus on basic ultrasound based regional anesthesia techniques designed for participants who are novices and intermediate skill level practitioners who desire to learn more about the blocks typically provided every day in a busy pediatric practice. Participants will become familiar with basic principles of ultrasonography and needle maneuvering, become familiar with applied anatomy, and will be able to scan pediatric models. Participants who are more advanced and already familiar with basic pediatric regional techniques will be grouped together to allow for more rapid progression of topics and more advanced learning. Group size will be 4-5 per group and emphasis is on the hands-on practice of real time scanning and skill acquisition.

- Interscalene Blocks
- SuprACLavicular Blocks
- Infraclavicular Blocks
- Axillary Blocks
- TAP Blocks: lateral and posterior
- Rectus sheath Blocks
- Sciatic Blocks (Subgluteal)
- Popliteal Blocks
- Femoral and Fascia Iliaca Blocks

Faculty: Moderator: Karen Boretsky, MD

**9:00AM - 12:30PM**

### 3 Hour Emergency Point-of-Care Ultrasound Track

**3.0 AMA PRA Category 1 Credits™**

9:00 AM Introduction - Resa Lewiss, MD

#### HANDS-ON STATIONS

9:15 AM BASIC Focused Cardiac with IVC: Pericardia Effusion, LV Function and Cardiac Arrest  
9:45 AM BASIC Lung with IVC: Pneumothorax and Pleural Effusions  
10:15 AM ADVANCED Cardiac with IVC: Ejection Fraction, Right Ventricular Size  
10:45 AM ADVANCED Lung with IVC: Interstitial Syndrome, Pneumona, Intubation

#### SIMULATION

11:15 AM 5 Undifferentiated Dyspnea - Arun Nagdev, MD  
11:40 AM 6 Undifferentiated Hypotension - Anthony Weekes, MD  
12:30 PM Adjourn

Faculty: Moderator: Resa Lewiss, MD

Instructors: Patricia Henwood, MD; Lorraine Ng, MD; Arun Nagdev, MD; Anthony Weekes, MD

**1:00PM - 3:00PM**

### PAIN WORKSHOP: Ultrasound Guided Pain Procedures Workshop

**2.0 AMA PRA Category 1 Credits™**

This workshop will focus on the most common ultrasound guided interventional procedures in pain management practice, including blocks of the head, neck and trunk.

Faculty: Moderator: David Provenzano, MD

Instructors: Thomas B. Clark, DC, RVT; David Provenzano, MD

**4:00PM - 6:00PM**

### WORKSHOP ON CONTINUOUS PERINEURAL CATHETERS

**2.0 AMA PRA Category 1 Credits™**

Hands-on Exposure and Practice of Continuous "Peripheral Nerve Block" Placement

The workshop will offer an introduction to continuous peripheral nerve blockade as well as provide opportunity for hands-on practice.

The use and indications of continuous peripheral nerve blocks as well as how to successfully apply and introduce them to one's practice.

Target Audience: Intermediate to advanced practitioners of regional anesthesia

Faculty: Moderator: Jan Boublík, MD, PhD

# Workshops:

Sunday, September 20, 2015

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Registration for workshops is limited, so we recommend that you register as soon as possible. Registration fee required.

## Comprehensive Ultrasound-Guided Peripheral Nerve Block Workshops

### 4.0 AMA PRA Category 1 Credits™

**7:30AM - 8:00AM**      **Registration and Continental Breakfast**

**8:00AM - 12:00PM**      **Workshop Rotation**

**10:00AM - 10:30AM**      **BREAK**

**12:00PM - 12:30PM**      **Questions and Answers**

- Interscalene Blocks
- Supraclavicular Blocks
- Infraclavicular Blocks
- Axillary Blocks
- TAP Blocks: In-Plane and Out-of-Plane Approaches
- Femoral and Fascia Iliaca Blocks
- Sciatic Blocks (Subgluteal)
- Popliteal Blocks
- Optimizing Image on US and Phantom Target Practice



The Comprehensive Basic and Intermediate Hands-On Ultrasound Workshop is designed to offer an overview of anatomical facts, indications, tips for success, pharmacological choices and techniques to accomplish the sonographic views necessary for the successful performance of blocks.

Each technique will be presented by faculty during a 5-10 minute slide presentation. The attendees will then be divided into groups of 5 to 6 for practical demonstrations on models. During the practical aspect of the workshop, the emphasis will be placed on acquiring the knowledge of Sonoanatomy, Sonographic Landmarks, Scanning Techniques to Optimize Target Imaging, as well as Strategies to Identify Common Artifacts and Avoid Complications.

There will be opportunities for hands-on scanning practice using live and/or phantom models.

This workshop is designed to offer a wide range of ultrasound guided regional anesthesia techniques to participants. Ample time will be available for participants to acquire the necessary skills to maintain a sonographic view of the essential anatomy and needle advancement in the same plane.

The format of the workshop is optimally suited for retention of information and acquiring the necessary skills to employ ultrasound guided nerve blocks clinically. At the completion of the hands-on workshop, participants will have an opportunity to ask questions and to discuss the various aspects of ultrasound guided nerve blocks with the faculty.

## Advanced Ultrasound-Guided Regional Anesthesia Workshop (Neuraxial and Truncal Blocks)

### 3.0 AMA PRA Category 1 Credits™

**7:30 AM - 9:00 AM**      **Registration and Continental Breakfast**

**9:00 AM - 12:00 AM**      **Workshop Rotation**

**10:00AM - 10:30AM**      **BREAK**

**12:00PM - 12:30PM**      **Questions and Answers**

Advanced ultrasound guided regional anesthesia workshop is best suited for participants with some previous ultrasound guided regional anesthesia skills. The sessions will begin with a 5-10 minute didactic overview in the before each technique demonstration. Participants will then be divided up into small groups for the hands-on session with the faculty. At the completion of the workshop, participants will have an opportunity to ask questions and to further discuss the various techniques with the faculty.

- Lumbar Plexus Blocks
- Paravertebral Blocks
- Ankle Blocks
- Distal Upper Extremity Blocks
- Intercostal Blocks
- Spinal and Epidural Blocks

# 14<sup>th</sup> Annual Regional Anesthesia, Pain Management and Perioperative Medicine

## Saturday and Sunday, September 19-20, 2015

(Please print clearly)

Name: \_\_\_\_\_ Title (MD, RN, NP, etc.): \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State/Province: \_\_\_\_\_ Zip: \_\_\_\_\_ Country: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

Specialty: \_\_\_\_\_ Affiliation: \_\_\_\_\_

E-mail: \_\_\_\_\_

(Be sure to include your e-mail address as confirmation/receipt will be sent electronically)

### **SATURDAY, SEPTEMBER 19 – PARALLEL SESSIONS**

Please place a (✓) in the appropriate boxes

	By July 26	After July 26	Onsite
<input type="checkbox"/> Anesthesiologists	\$595.00	\$645.00	\$670.00
<input type="checkbox"/> Other Healthcare Professionals	\$395.00	\$415.00	\$445.00
<input type="checkbox"/> Residents and Fellows	\$250.00	\$295.00	\$300.00
<input type="checkbox"/> Students	\$195.00	\$230.00	\$250.00

Saturday and Sunday Workshop Registration is limited, so we recommend that you register as soon as possible.

### **SATURDAY, SEPTEMBER 19 – WORKSHOP FEES**

Please note: These sessions are offered simultaneously with the Parallel Sessions on Saturday. Attendance is strictly limited to small groups. Those registered for the parallel sessions on Saturday will receive \$100 credit toward each Saturday workshop session.

<input type="checkbox"/> Ultrasound-Guided Pediatric Regional Anesthesia Workshop	\$495.00
<input type="checkbox"/> 3 Hour Emergency Point-of-Care Ultrasound Track	\$495.00
<input type="checkbox"/> Ultrasound Guided Pain Procedures Workshop	\$495.00
<input type="checkbox"/> Workshop on Continuous Perineural Catheters	\$495.00

### **SUNDAY, SEPTEMBER 20 – WORKSHOP FEES**

<input type="checkbox"/> Comprehensive Ultrasound-Guided Peripheral Nerve Block Workshops	\$595.00
<input type="checkbox"/> Advanced Ultrasound-Guided Regional Anesthesia Workshop (Neuraxial and Truncal Blocks)	\$595.00

### **PAYMENT METHOD**

<input type="checkbox"/> Online Registration is available and is the preferred method. The conference registration link may be accessed at <a href="http://www.nysora.com">www.nysora.com</a>	
<input type="checkbox"/> Check made payable to NYSORA is enclosed. NYSORA, 2753 Broadway, Suite 183, New York, NY 10025	
<input type="checkbox"/> Credit Card # _____	Exp date _____

VISA     MasterCard     AMEX

Signature \_\_\_\_\_

Fax this form to 212-523-2074

Total Payment \$ \_\_\_\_\_

### **CANCELLATION POLICY**

A refund, less a \$150 administrative fee, will be issued upon written request. No refunds will be made after August 23rd. NYSORA reserve the right to cancel the program.

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### **FURTHER INFORMATION:**

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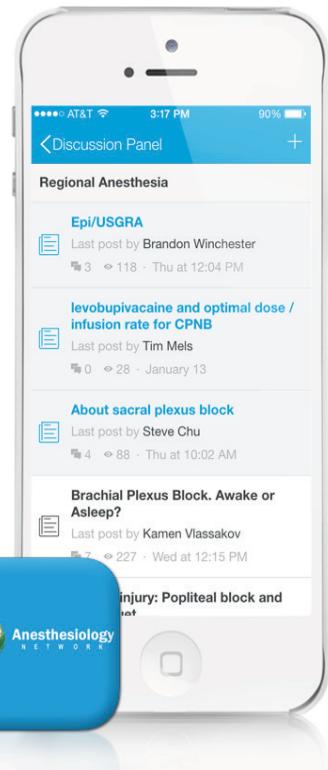
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