



# American Society of Regional Anesthesia and Pain Medicine

Advancing the science and practice of regional anesthesia and pain medicine



## **Pain Medicine and MSK Ultrasound Cadaver Course**

Saturday, June 25—Sunday, June 26, 2016

Northwestern Center for Advanced Surgery and Education, Chicago, IL

# COURSE GUIDE

Download educational materials at [www.asra.com](http://www.asra.com) with password ASRACCP16.

# Course Overview

Saturday, June 25th — 7:15 am–5:30 pm

Sunday, June 26th — 7:30 am–2:15 pm

ASRA's Pain Medicine and MSK Ultrasound Cadaver Course provides intensive, highly interactive learning and practical information that you can immediately put to use in your practice. Each topic consists of an introductory lecture followed by hands-on practice using live models and cadavers.

## New topics this year

- MSK sonoanatomy
- Neurosonoanatomy and entrapment neuropathy
- Ultrasound-guided platelet-rich plasma injections
- Ultrasound-guided hip and knee including radiofrequency ablation techniques

## Highlights

- Interventional and diagnostic ultrasound techniques
- Cadavers and live models for hands-on instruction
- Small group learning with no more than 10 participants per group
- Renowned faculty sharing their expertise with a 1:5 faculty to learner ratio
- Comprehensive course curriculum to support learning prior to, during, and after the course

## Educational objectives

After participating in this educational activity, participants should be able to:

- Discuss the basic principles of ultrasound imaging, equipment, functionality, aseptic technique, and injectate selection for ultrasound-guided pain procedures.
- Explain the advantages and shortcomings of ultrasound-guided pain procedures.
- Describe the relevant sonoanatomy for various cervical and lumbar spinal injections.
- Apply peripheral nerve, MSK, and spine ultrasound scanning and needling techniques.
- Perform US-guided pain blocks with superior dexterity.
- Identify how ultrasound-guided joint injections and other MSK applications can improve the accuracy of the procedure.
- Partially fulfill knowledge base and technical skills requirements for the Ultrasound-Guided Regional Anesthesia (UGRA) Education and Clinical Training Portfolio.
- Prepare for the examination portion of the ASRA Pain and MSK Interventional Ultrasound Certificate Program (coming in 2017).

## Target audience

The course is designed for the physician learner; specifically for Pain Practitioners, Anesthesiologists, Physical Medicine and Rehabilitation Physicians, Neurologists, and Sports Medicine Physicians currently using or wishing to use ultrasound technology for interventional and diagnostic pain procedures.

# Top 5 Course Essentials

# 1

## Locations

### Educational Sessions

Northwestern Center for Advanced  
Surgical Education (N-CASE)  
240 East Huron Street  
Chicago, IL 60611  
Tel: 312.503.4034

### Recommended Hotel

Hyatt Chicago Magnificent Mile  
633 North Saint Clair Street  
Chicago, IL 60611  
Tel: 312.787.1234



# 2

## N-CASE Security Access

Everyone entering the N-CASE building must be preregistered; on-site registration is not possible. Attendees must show photo ID on arrival and have a picture taken onsite to receive an access badge. The N-CASE building will be accessible beginning at 7 am each morning.

# 3

## Educational Materials and Presentations

Educational support materials are available to learners on the [ASRA website](#) and accessible with the password **ASRACCP16**. Materials are available to meeting participants prior to, during, and after the meeting (up to one year) for educational purposes only. Access to particular content is provided based on meeting registration and is password protected. Distribution is limited, and none of the materials should be further distributed or reproduced.

# 4

## Evaluations and CME Certificates

Your opinion matters! Evaluate sessions and faculty and obtain your CME certificate by accessing the online system before **July 10th** at [www.surveymonkey.com/r/ASRACCP16](http://www.surveymonkey.com/r/ASRACCP16). See page 11 for more information on CME credits and certificates.

# 5

## Attendance Policies

- Registration fees are refundable, minus a \$100 processing fee, if cancellation is received in writing no later than three (3) weeks prior to the event commencement. After this date, under no circumstances will refunds or credits be granted.
- Attendee substitutions are allowed if notification is made in writing no later than three (3) weeks prior to the event commencement. A \$100 processing fee will be charged. After this date, under no circumstances will substitutions be granted.
- No refunds or credits will be given to “no shows.”
- All event activities (including meal functions) are exclusively reserved for registered attendees. Nonregistered guests (e.g., children, family members, colleagues) are not allowed in meeting areas. Badges provided at registration are required for entrance into all functions and will be strictly enforced.
- ASRA reserves exclusive rights to photograph and/or record (audio and video) all event proceedings and participants for use in marketing materials, presentations, and course content reproductions (online or other). Photography and/or recording by individuals is not permitted in the scientific, educational, and business meetings during any ASRA event, unless specifically preauthorized by ASRA. Individuals granted such privileges shall be properly registered at the event and issued the proper proof of privileges (press badge or other).
- ASRA reserves the right to modify the event’s schedule or program as necessary. ASRA reserves the right to cancel this event, in which case a full refund of the registration fee will be provided. ASRA is unable to refund any attendee expenses (flight, hotel, etc.) in the case of ASRA cancellation.
- ASRA and meeting organizers accept no liability for personal accidents or loss of or damage to private property of participants, either during or indirectly arising from this workshop. Participants are advised to take out their own personal health and travel insurance for their trip.
- ASRA fully complies with the legal requirements of the Americans with Disabilities Act and the rules and regulations thereof. If any participant in this educational activity has a special need, please contact us at the American Society of Regional Anesthesia and Pain Medicine, Four Penn Center West, Pittsburgh, PA 15276, 855.795.ASRA (toll free in U.S.), 412.471.2718, [asrameetings@asra.com](mailto:asrameetings@asra.com).

# ASRA Leadership

## Leadership

President: Oscar A. de Leon-Casasola, MD

President-Elect: Asokumar Buvanendran, MD

Treasurer: Eugene Viscusi, MD

Immediate Past President: Joseph M. Neal, MD

Executive Director: Angie Stengel, MS, CAE

### **Directors:**

Steven Cohen, MD

James Hebl, MD

Edward R. Mariano, MD, MAS

Colin J.L. McCartney, MBChB, FRCA, FRCPC

Samer Narouze, MD, PhD

Anahi Perlas, MD, FRCPC

David Provenzano, MD

## Committee on Continuing Medical Education

Terese Horlocker, MD, Chair

Daniel Warren, MD, Vice Chair

Sandra Kopp, MD

Carlos Pino, MD

Ellen W.K. Rosenquist, MD

Brian Sites, MD

Oscar de Leon-Casasola, MD (ex-officio)

## Scientific/Education Planning Committee

Samer Narouze, MD, PhD, Western Reserve Hospital, Cuyahoga Falls, OH

Philip Peng, MBBS, FRCPC, University of Toronto, Toronto, ON, Canada

## Course Faculty

**Robert Bolash, MD**, is an assistant professor of anesthesiology in the departments of Pain Management and Evidence Based Pain Research at the Cleveland Clinic Lerner College of Medicine in Cleveland, OH. He received his medical degree from the University of Miami School of Medicine and trained in interventional pain management at the Cleveland Clinic. He is a Fulbright Scholar and is board certified in both pain management and anesthesiology.



**Sean Colio, MD**, is a board-certified sports medicine physician specializing in sports and musculoskeletal injuries. He is the director of Musculoskeletal Ultrasound for Swedish Medical Group in Seattle, WA, and one of the first physicians in the United States to receive certification by the American Registry for Diagnostic Medical Sonography in Musculoskeletal Sonography. He is a faculty member and the director of Sports and Musculoskeletal Ultrasonography Training for the Accreditation Council for Graduate Medical Education Sports Fellowship at Swedish Medical Group. He also serves as a clinical instructor for the University of Washington Sports Medicine Department. Dr. Colio has published many chapters on diagnostic and interventional ultrasound of the hand, wrist, and shoulder and is performing research in regenerative medicine techniques involving platelet-rich plasma and guanfacine.



**Mauricio Forero, MD, FIPP**, is a Colombian anesthesiologist who moved to Canada in 2008 and finished his interventional chronic pain fellowship at McMaster University in Hamilton, ON, Canada. He has been practicing in Canada since 2010 as assistant professor, recently promoted to associate professor of the department of Anesthesia. Dr. Forero is the creator and coordinator of the Ultrasound Guided Regional Anesthesia Curriculum at McMaster University. He has been largely involved as a national and international lecturer and workshop instructor in ultrasound for pain medicine and ultrasound in regional anesthesia since 2010. He also has been distinguished as a supporter of the Colombian Association for the Study of Pain as a lecturer and organizer of national pain meetings.



**Maged Guirguis, MD**, is a pain management physician in Ochsner Health System in New Orleans, LA, and the pain/palliative medicine rotation director for the University of Queensland Ochsner Clinical School. After completing a residency in internal medicine in his home country, he joined the Cleveland Clinic Foundation for a research fellowship in pain medicine, after which he completed his residency in anesthesiology and clinical fellowship in pain management. Dr. Guirguis has published numerous papers and book chapters as well as presented various studies and case reports on pain medicine at national and international meetings. He serves on both the educational and research committees for the International Neuromodulation Society and has a special interest in ultrasound-guided interventions for acute and chronic pain.





**David Krodel, MD**, practices pediatric anesthesia and pediatric acute and chronic pain management at Lurie Children's Hospital in Chicago, IL. He is a graduate of Stanford School of Medicine and completed his residency at Massachusetts General Hospital and his pediatric anesthesia fellowship at Northwestern University/Lurie Children's Hospital. His pain practice combines medication management, nerve blocks, steroid injections, and acupuncture in collaboration with physical therapists and pain psychologists to provide comprehensive, multidisciplinary treatment for children and adolescents.



**Samer Narouze, MD, PhD**, is a clinical professor of anesthesiology and neurological surgery at Ohio University and Ohio State University. He is board certified in anesthesiology, pain medicine, and neurology headache medicine. He is the chairman of the Center for Pain Medicine at Western Reserve Hospital in Cuyahoga Falls, OH. Dr. Narouze is on the ASRA Board of Directors. He recently founded the American Interventional Headache Society (AIHS), and he serves in many committees for national and international headache and pain organizations. He has published about 200 research papers, review articles, book chapters, and abstracts. He frequently speaks and serves as a visiting professor both nationally and internationally.



**Levon N. Nazarian, MD**, is a professor of radiology at the Sidney Kimmel Medical College of Thomas Jefferson University in Philadelphia, PA. He has co-authored 100 peer-reviewed manuscripts on topics such as using ultrasound to diagnose and guide treatment for ath-



letic injuries and other musculoskeletal conditions. Dr. Nazarian has served on the editorial board of several journals, and, since 2011, he has been editor-in-chief of the *Journal of Ultrasound in Medicine*. Dr. Nazarian is a fellow of the American College of Radiology, the American Institute of Ultrasound in Medicine, and the Society of Radiologists in Ultrasound.

**Philip Peng, MBBS, FRCPC**, is a professor in the department of Anesthesia at the University of Toronto in Toronto, ON, Canada. He is the director of the Anesthesia Chronic Pain Program of University Health Network, the largest teaching hospital of Canada. He has played an important role in pain medicine education and established major teaching courses for pain in Canada. The Royal College of Physicians and Surgeons of Canada (RCPSC) honored him with Founder designation in Pain Medicine for his role in establishing the pain medicine subspecialty in Canada.



**Dr. David Provenzano, MD**, is the president of Pain Diagnostics and Interventional Care in Sewickley, PA. He received his undergraduate degree from Colgate University where he graduated Magna Cum Laude and became a Phi Beta Kappa member. He received his medical degree from the University of Rochester School of Medicine and Dentistry. He completed a surgical internship at Thomas Jefferson University Hospital and a residency in anesthesiology at The Western Pennsylvania Hospital. He completed a pain management fellowship at the Dartmouth Hitchcock Medical Center. He serves on the ASRA Board of Directors as well as on the Educational Track Subcommittee on Pain Medicine for the American Society of Anesthesiologists. He has extensive interests and expertise in the conservative treatment



of pain originating from the cervical and lumbar spine, neuromodulation, and the utilization of ultrasound for interventional pain management procedures.

**Maunak Rana, MD**, is the director of Pain Management at Advocate Illinois Masonic Medical Center in Chicago. He completed medical school at Jefferson Medical College of Thomas Jefferson University in Philadelphia, PA. His surgery internship was at the Cleveland Clinic Foundation and his anesthesiology residency was at The Hospital of the University of Pennsylvania in Philadelphia. Dr. Rana completed a pain medicine fellowship at McGaw Medical Center at Northwestern University in Chicago. Dr. Rana has lectured nationally and internationally on topics in anesthesiology and interventional pain management.



**Jonathan Samet, MD**, is an assistant professor of radiology at Northwestern University Feinberg School of Medicine, based at Northwestern Memorial Hospital and Ann & Robert H. Lurie Children's Hospital of Chicago, IL. He grew up in Baltimore, MD, and trained in diagnostic radiology at Northwestern University followed by subspecialization in musculoskeletal radiology at Johns Hopkins Hospital. He has a particular interest in pediatric musculoskeletal imaging.



**Neilesh Soneji, MD, FRCPC**, completed his medical training and anesthesia residency at the University of Toronto. He completed a fellowship in chronic pain management at the University Health Network and Wasser Pain Management Centre, Mt. Sinai Hospital, where he continues to practice as a staff anesthesiologist. He specializes in the management of acute and chronic pain with a particular interest in ultrasound-guided interventions for musculoskeletal pain.



**Dmitri Souzdalnitski, MD, PhD**, is a clinical professor of Anesthesiology at Ohio University and Western Reserve Hospital. He serves as a faculty member and a member of the Board Directors at national physician symposia where he teaches pain medicine. He is a member of the ASRA Ultrasonography in Pain Medicine Special Interest Group (SIG) and one of the leaders of the ASRA Regenerative Medicine SIG.



**Hong Vo, MD**, is double board-certified in anesthesiology and pain medicine. She received her medical degree from the University of Texas Medical School at Houston, and she completed her interventional pain management fellowship at Northwestern Feinberg School of Medicine. She has great interest in ultrasound-guided procedures to treat back and neck pain and musculoskeletal disorders.



## Disclosure and Resolution of Personal Conflicts of Interest

In accordance with the Accreditation Council for Continuing Medical Education (ACCME) Standards for Commercial Support and related policies, ASRA is committed to ensuring balance, independence, objectivity, and scientific rigor in its CME/CPD activities. Those in control of the educational content disclose all relevant relationships (financial or other) with any commercial interest that they or their spouse/partner have had within the past 12 months. If an individual refuses to disclose, they are disqualified from participating. Disclosure information is evaluated and conflicts of interest resolved. Disclosure is made to participants prior to the activity. Participants are asked to evaluate the objectivity and independence. Off-label or investigational use of a therapeutic product is also disclosed.

Last Name	First Name	Role	COI	Honoraria / Expenses	Consulting / Advisory Board	Speakers Bureau	Funded Research (Individual)	Funded Research (Institution)	Royalties / Patent	Stock Options	Owner / Equity Position	Employee	Other	Off-Label Usage
ASRA Administrative Team		Society, CME, and Meeting Management	No											
Bolash	Robert	Associate Faculty	Yes					Stimwave		Doximity	Nevro, Cara Therapeutics, Pfizer, Anlyiam, Cambrex			
Collo de Leon-Casasola	Sean Oscar	Associate Faculty CME (ex-officio)	No Yes		Mallinckrodt, Grunenthal LATAM, Purdue Frederick, Collegium									
Forero	Mauricio	Associate Faculty	No											
Gulguis	Maged	Associate Faculty	Yes	myoscience										
Horflocker	Terese	CME	No											
Kopp	Sandra	CME	No											
Krodel	David	Associate Faculty	No											
Narouze	Samir	Planning, Faculty	No											
Nazarian	Levon	Faculty	Yes	Amer. Inst. Of US in Med (AUM) honorarium, Editor-in-Chief, Journal of Ultrasound in Medicine										
Peng	Philip	Planning, Faculty	Yes										Equipment support from Sonosite Fujifilm Canada	
Pino	Carlos	CME	No											
Provenzano	David	Faculty	Yes		Halyard Health, Medtronic, St. Jude Medical, Trevena									
Rana	Maunak	Faculty	No											
Rosenquist	Eileen	CME	Yes	UpToDate	EMMI				UpToDate					
Sarnet	Jonathan	Faculty	No											
Sites	Brian	CME	No											
Soneji	Neelish	Associate Faculty	Yes					Equipment support for research Fujifilm Sonosite						
Souzdalintski	Dmitri	Faculty	No											
Vo	Hong	Associate Faculty	No											PRP
Warren	Daniel	CME	No											



# Course Program

## Saturday, June 25, 2016 (8.75 credits)

7:15 am	Registration and Breakfast	
7:40 am	Welcome and Introduction.....	Samer Narouze, MD, PhD
7:45 am	Pain Management Ultrasound Pre-Test.....	Samer Narouze, MD, PhD

### Didactic Lectures

8:00 am	Basics of MSK Ultrasound Scanning.....	Levon Nazarian, MD
8:30 am	Cervical and Lumbar Spine Sonoanatomy.....	David Provenzano, MD
9:15 am	Platelet-Rich Plasma Injections.....	Dmitri Souzdalnitski, MD
9:45 am	Entrapment Neuropathy.....	Jonathan Samet, MD
10:15 am	Panel Discussion and Q&A	
10:30 am	Break	

### Interactive Lectures with Live Model Demonstrations

10:40 am	Lumbar Spine Scan.....	David Provenzano, MD
11:00 am	Cervical Spine Scan.....	Samer Narouze, MD, PhD
11:20 am	Peripheral Nerves Scanning.....	Jonathan Samet, MD
11:50 am	Lunch	

### Hands-on Scanning Workshops

12:30 pm	Concurrent Stations 1-8 (30 minutes each)	
	1. Lumbar Spine, Facet, Caudal (cadaver scans)	
	2. Cervical Spine, Facet (cadaver scans)	
	3. Cervical Spine and Stellate Ganglion (model scans)	
	4. Lumbar Spine, Facet (model scans)	
	5. Suprascapular, Intercostal (model scans)	
	6. LE Peripheral Nerve (model scans)	
	7. PRP Techniques (model scans)	
	8. Occipital Nerve and Abdominal Wall (model scans)	
1:00 pm	Stations 1-8 Repeat	
1:30 pm	Stations 1-8 Repeat	
2:00 pm	Stations 1-8 Repeat	
2:30 pm	Stations 1-8 Repeat	
3:00 pm	Break	
3:15 pm	Stations 1-8 Repeat	
3:45 pm	Stations 1-8 Repeat	
4:15 pm	Stations 1-8 Repeat	
4:40 pm	Pain Management Ultrasound Post-Test	
5:00 pm	Panel Discussion and Q&A	
5:30 pm	Adjournment	

## Sunday, June 26, 2016 (6 credits)

7:30 am	Breakfast with Faculty	
8:00 am	MSK Ultrasound Pre-Test .....	Samer Narouze, MD, PhD

### Interactive Lectures with Live Model Demonstrations

8:10 am	Shoulder Joint/Bursa Scan.....	Samer Narouze, MD, PhD
8:35 am	Hip and Knee Joint Scan and RFA Techniques.....	Philip Peng, MBBS, FRCPC
9:00 am	Hand (CTS) and Foot (planter fascia) Scan.....	Levon Nazarian, MD

### Hands-on Scanning Workshops

9:30 am	Concurrent Stations 9-16 (30 minutes each)	
	9. SIJ and Piriformis (cadaver scans)	
	10. Knee Joint and Radiofrequency Ablation (cadaver scans)	
	11. Hip Joint and Bursa (model scans)	
	12. Shoulder Joint and Bursa (model scans)	
	13. Elbow Joint (golf elbow and tennis elbow) (model scans)	
	14. Hand and CTS (model scans)	
	15. Foot and Planter Fasciitis (model scans)	
	16. UE Peripheral Nerve (model scans)	
10:00 am	Stations 9-16 Repeat	
10:30 am	Stations 9-16 Repeat	
11:00 am	Stations 9-16 Repeat	
11:30 am	Break	
11:45 am	Stations 9-16 Repeat	
12:15 pm	Stations 9-16 Repeat	
12:45 pm	Stations 9-16 Repeat	
1:15 pm	Stations 9-16 Repeat	
1:45 pm	Box Lunch and MSK Ultrasound Post-Test .....	Samer Narouze, MD, PhD
2:00 pm	Panel Discussion and Q&A	
2:15 pm	Closing Remarks and Final Adjournment .....	Samer Narouze, MD, PhD

# Continuing Medical Education/Continuing Professional Development

To receive your CME certificate:

1. Access the online system before **July 10** by visiting [www.surveymonkey.com/r/ASRACCP16](http://www.surveymonkey.com/r/ASRACCP16).
2. Complete the anonymous online evaluation.
3. Indicate the number of hours you attended (credit will be verified against registration).
4. Your certificate will be sent to the e-mail address provided within 3 weeks of completing the online process.
5. Thank you for your feedback!

## Accreditation and Credit Designation Statements

ASRA is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.



ASRA designates this live activity for a maximum of 14.75 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## Credit Breakdown

Day	Maximum Credits
Saturday .....	8.75
Sunday .....	6
<b>Total Credits:.....</b>	<b>14.75</b>

## The American Board of Anesthesiology (ABA)

ASRA is an ABA-approved provider and as a service to ASRA members and participants, CME credits are reported to the ABA. Participants must include their correctly formatted ABA ID number (3456-7890) during the online evaluation and credit claim process available at the conclusion of the activity. Once the online evaluation and credit claim process is closed, certificates will be issued and credits reported to the ABA. After this time, participants may request their CME certificate by contacting [asrameetings@asra.com](mailto:asrameetings@asra.com), but ASRA will no longer report credits to the ABA, which will then be the individual participant's responsibility.



## ASRA-ASA Ultrasound-Guided Regional Anesthesia (UGRA) Education and Clinical Training Portfolio

The Ultrasound-Guided Regional Anesthesia Education and Clinical Training Portfolio is a joint ASRA - ASA initiative designed for anesthesiologists who wish to distinguish themselves in the field and provide evidence of training and experience. The portfolio guides participants through a comprehensive educational and training experience that fulfills current recommendations for ultrasound-guided regional anesthesia (UGRA). This ASRA course has been approved for knowledge base and technical skills components of the portfolio. For more information and approved sessions, visit the ASA website.

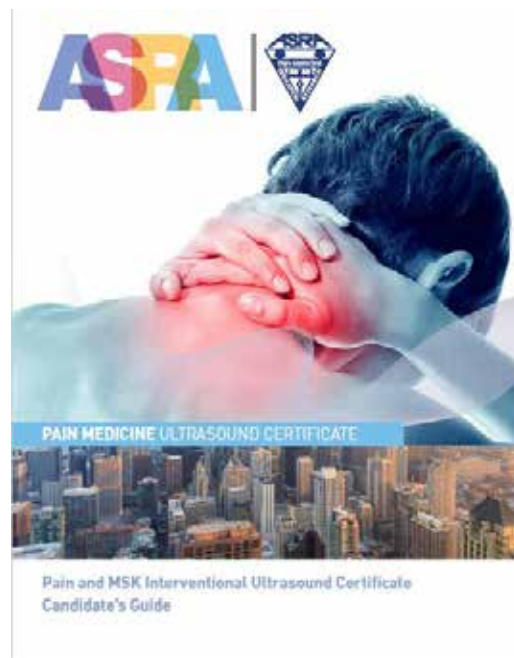
## International Credits

The Royal College of Physicians and Surgeons of Canada has agreements based on the mutual recognition of credit points with the American Medical Association for live educational events. You may submit your CME certificate directly for credit recognition of this accredited group learning activity (Section 1) as defined by the Maintenance of Certification program of The Royal College of Physicians and Surgeons of Canada. For more information, visit: [www.royalcollege.ca](http://www.royalcollege.ca)

The European Accreditation Council for Continuing Medical Education (UEMS-EACCME) has agreements based on the mutual recognition of credit points with the American Medical Association for live educational events. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity. The EACCME is an institution of the European Union of Medical Specialists (UEMS): [www.uems.net](http://www.uems.net)

## Pain and MSK Interventional Ultrasound Certificate Program

CME earned by taking this course may be applied toward the requirement for ASRA's new certificate in Pain and MSK Interventional Ultrasound. The certificate will be available to qualified physicians beginning in 2017. Candidates will be required to complete a written and practical exam as well as provide evidence of prior training and experience. Complete information about the certificate is available in the Pain and MSK Interventional Ultrasound Certificate Candidate's Guide, which will be available to download from the ASRA Website at [www.asra.com/certificate](http://www.asra.com/certificate)



## Commercial Support Disclosure

This course is supported, in part, by educational grants and in-kind support from industry. All support is managed in strict accordance with the ACCME's Standards for Commercial Support. Appropriate acknowledgement of all supporting organizations is made to participants prior to the educational activity in the program guide, on the event website, and with signage during the meeting. View the guidelines for company representative and in-kind support.

**Grants:** FujiFilm SonoSite, GE Healthcare, Halyard Health, St. Jude Medical, Stryker, Teleflex

**Durable equipment:** APEX Biologix, FujiFilm SonoSite, GE Healthcare, St. Jude Medical, Stryker

**Disposable supplies:** APEX Biologix, Havel's, Pajunk, St. Jude Medical, Stryker, Teleflex

**Animal parts/tissue:** APEX Biologix

## Guidelines Regarding Industry Representative Participation and In-Kind Support

### Industry Support

This course is supported, in part, by in-kind contributions from industry (donations of durable equipment and/or disposable supplies). ASRA would like to thank all the companies for their support of this educational activity.

### Disclosure

Attendees may view the full list of supporting companies in the printed program guide and activity website.

### Industry Representative/Technician Participation

In addition to the in-kind support provided, ASRA has requested that technicians from multiple supporting companies be present to demonstrate the operational aspects and proper functioning of the devices only.

### Strict Compliance with the ACCME's Accreditation Criteria and Standards for Commercial Support

1. ASRA is responsible for all decisions regarding the educational elements (planning, content, faculty selection, presentation, evaluation, etc.). Industry representatives in no way influence any portion of the CME activity; including how the in-kind support will be used or allocated to the educational sessions.
2. Industry employees shall be easily identifiable by their company and meeting badges.
3. The industry representative shall only contribute technical information about the use of the equipment.
4. The industry representative shall NOT expand their input into areas of clinical medicine, such as:
  - a. No indications for use
  - b. No comparisons between competing products
  - c. No comparisons between the device, invasive surgery, and/or medical treatment.
5. ASRA's faculty and staff provide strict supervision to ensure proper professional behavior by industry representatives.
6. ASRA reserves the right to physically limit the technician's access to the educational setting; requesting the technician's participation only when questions arise or further assistance is needed.

### Attendee Feedback

Attendees are encouraged to communicate any concerns of commercial influence or bias directly to faculty, staff members at the registration desk, and via the online evaluation.





**American Society of Regional Anesthesia and Pain Medicine**  
Advancing the Science and Practice of Regional Anesthesia and Pain Medicine

# ASRA



## 15th Annual Pain Medicine Meeting

November 17-19, 2016

Hilton San Diego Bayfront, San Diego, CA

Abstract Deadline: September 7, 2016

Early-bird Registration Deadline: September 30, 2016

- Headaches and migraines for the pain physician
- Workshops and panel discussions on regenerative medicine
- Impact of the Affordable Care Act on documentation, coding, and billing
- 2016 Physician Fee Schedule Final Rule and its impact on reimbursement
- Opioid prescriptions and the new CDC guidelines
- The pros and cons of cannabis
- Interactive sessions on complications in pain medicine
- How to measure data outcomes in pain management

**Register at [www.asra.com/painmeeting](http://www.asra.com/painmeeting)**