



# 42nd Annual Regional Anesthesiology & Acute Pain Medicine Meeting

April 6-8, 2017 | Marriott Marquis  
San Francisco, California



## Wednesday, April 5, 2017

4 - 6:00 PM	Pre-Registration in Yerba Buena Ballroom Foyer							

## Thursday, April 6, 2017

Session	Refresher Courses	PBLDs	Interactive Demonstration Workshops	Interactive Demonstration Workshops	Interactive Demonstration Hands-On Workshops	Comprehensive Workshops	Moderated ePosters A	Moderated ePosters B	
Room	Salon 9 Yerba Buena	Salons 10-15 Yerba Buena	Foothill E	Foothill F	Foothill G	Foothill C (aka Club Room)	Salon 5 Yerba Buena	Salon 6 Yerba Buena	
7:00 AM	Registration and Breakfast in Foyer								
7:15 AM									
7:30 AM									
7:45 AM	Welcome and Opening Addresses								
8:00 AM									
8:15 AM	Refresher Course <b>The Science of Regional Anesthesia: Sonoanatomy and Needle Placement</b>		TICKET WS-01 Interactive Demonstration Workshop <b>Blocks for the Breast and Chest Wall</b>	TICKET WS-02 Interactive Demonstration Workshop <b>Advanced Blocks of the Upper Extremity</b>		TICKET WS-03 Comprehensive Workshop <b>Truncal-Paravertebral Blocks</b>	MP-01a Moderated ePosters	MP-01b Moderated ePosters	
8:30 AM									
8:45 AM									
9:00 AM									
9:15 AM									
9:30 AM									
9:45 AM	Break and Refreshments in Foyer								
10:00 AM	Refresher Course <b>Pharmacology: Evidence-Based Use of Local Anesthetics and Additives</b>		TICKET WS-31 Interactive Demonstration Workshop <b>Blocks for the Breast and Chest Wall</b>	TICKET WS-04 Interactive Demonstration Workshop <b>Blocks for Shoulder and Clavicle Surgery</b>	TICKET WS-05 Hands-On Workshop <b>High-Fidelity Simulator for Thoracic Blocks</b>		MP-02a Moderated ePosters	MP-02b Moderated ePosters	
10:15 AM									
10:30 AM									
10:45 AM									
11:00 AM									
11:15 AM									
11:30 AM									
11:45 AM									
12:00 PM	Lunch on Own								
12:15 PM									
12:30 PM									TICKET PBLD Luncheon
12:45 PM									
1:00 PM									
1:15 PM									
1:30 PM	Refresher Course <b>Safety: Complication Avoidance</b>		TICKET WS-32 Interactive Demonstration Workshop <b>Point-of-Care Ultrasound for the Regional Anesthesiologist</b>	TICKET WS-06 Interactive Demonstration Workshop <b>Blocks of the Hip and Proximal Lower Extremity</b>	TICKET WS-07 Hands-On Workshop <b>Blocks of the Breast and Thorax (includes high-fidelity simulation)</b>	TICKET WS-08 Comprehensive Workshop <b>Upper Extremity Blocks</b>	MP-03a Moderated ePosters	MP-03b Moderated ePosters	
1:45 PM									
2:00 PM									
2:15 PM									
2:30 PM									
2:45 PM									
3:00 PM									
3:15 PM									
3:30 PM	Break and Refreshments in Foyer								
3:45 PM	Refresher Course <b>Advanced Post-Operative Pain Management</b>		TICKET WS-09 Interactive Demonstration Workshop <b>Point-of-Care Ultrasound for the Regional Anesthesiologist</b>	TICKET WS-33 Interactive Demonstration Workshop <b>Blocks of the Hip and Proximal Lower Extremity</b>	TICKET WS-10 Interactive Demonstration Workshop <b>Blocks for the Knee Joint</b>		MP-04a Moderated ePosters	MP-04b Moderated ePosters	
4:00 PM									
4:15 PM									
4:30 PM									
4:45 PM									
5:00 PM									
5:15 - 6:30 PM	Special Event Wine and Bubbly Networking Reception and Exhibit Hall Grand Opening								



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## Main Meeting - Thursday, April 6, 2017

<b>7:00 am - 7:45 am</b>	<b>Registration and Breakfast in Foyer</b>		
<b>7:45 am - 8:15 am</b>	<b>Welcome and Opening Addresses</b>		
7:45 am	Presidential Address	Oscar de Leon-Casasola, MD	
7:55 am	Distinguished Service Award	Vincent Chan, MD	
8:00 am	ASRA Research Committee Chair Update	Colin McCartney, MBChB, PhD	
8:10 am	Meeting Chair Welcome	Andres Missair, MD	
	<i>Refresher Course</i>	<i>Moderator:</i>	Salon 9
<b>8:15 am - 9:45 am</b>	<b>The Science of Regional Anesthesia: Sonoanatomy and Needle Placement</b>	Anahi Perlas, MD	Yerba Buena
8:15 am	Sonoanatomy and Histology for Neural Blockade	Francis Salinas, MD	1.5 credits
8:45 am	Perineural vs. Intraneural Needle Placement: How Close is Too Close?	Michael Barrington, MD	
9:15 am	Q&A		
<b>9:45 am - 10:00 am</b>	<b>Break and Refreshments in Foyer</b>		
	<i>Refresher Course</i>	<i>Moderator:</i>	Salon 9
<b>10:00 am - 12:00 pm</b>	<b>Pharmacology: Evidence-Based Use of Local Anesthetics and Additives</b>	Anahi Perlas, MD	Yerba Buena
10:00 am	Local Anesthetic Mean Effective Volumes: More is Not Always Better	William Urmev, MD	2 credits
10:45 am	Epidural Analgesia: Infusion Protocols and Additives for Thoracic and Abdominal Surgery	Alain Borgeat, MD	
11:30 am	Q&A		
<b>12:00 pm - 1:30 pm</b>	<b>Lunch On Own</b>		
<b>or</b>	<b>Problem-Based Learning Discussions (PBLD) Lunch</b>		Salons 10-15
<b>12:15 pm - 1:15 pm</b>	<i>(open to all, additional fee, lunch included, see list)</i>		Yerba Buena
	See listing		1 credit
	<i>Refresher Course</i>	<i>Moderator:</i>	Salon 9
<b>1:30 pm - 3:30 pm</b>	<b>Safety: Complication Avoidance</b>	Rajnish Gupta, MD	Yerba Buena
1:30 pm	Local Anesthetic Toxicity: A Decade of Experience with Lipid Emulsion Resuscitation	Guy Weinberg, MD	2 credits
2:00 pm	Neurologic Complications of Nerve Blocks: ASRA Guidelines	Joseph Neal, MD	
2:30 pm	Preventing Falls in Joint Replacement Patients	T. Edward Kim, MD	
3:00 pm	Q&A		
<b>3:30 pm - 3:45 pm</b>	<b>Break and Refreshments in Foyer</b>		
	<i>Refresher Course</i>	<i>Moderator:</i>	Salon 9
<b>3:45 pm - 5:15 pm</b>	<b>Advanced Post-Operative Pain Management</b>	Rajnish Gupta, MD	Yerba Buena
3:45 pm	Alternative Receptor Targets for Acute Pain Management	Asokumar Buvanendran, MD	1.5 credits
4:15 pm	Methadone and Mixed Opioid Agonist/Antagonist Management During the Perioperative Period	Eugene Viscusi, MD	
4:45 pm	Q&A		
	<i>Special Event</i>		
<b>5:15 pm - 6:30 pm</b>	<b>Wine and Bubbly Networking Reception and Exhibit Hall Grand Opening</b>		



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## Problem Based Learning Discussions (PBLD) Thursday, April 6, 2017, 12:15-1:15 pm

*(additional fee, lunch included)*

### Yerba Buena Salons 10-15

PBLD-01	My PCA Does Not Work! Troubleshooting, Patient Selection, and RN Education	Sandra Kopp, MD
PBLD-02	Managing the Chronic Pain Patient in the Acute Pain Service	Daniel Warren, MD
PBLD-03	Pain Management in the Surgical Patient with Neurologic Disease (Guillain Barre)	Rebecca Johnson, MD
PBLD-04	Continue with Surgery after Local Anesthetic Systemic Toxicity	Vincent Chan, MD
PBLD-05	Don't Block that Patient: He May Develop a Compartment Syndrome!	Jeffrey Gadsden, MD
PBLD-06	Alternatives in the Opioid Allergic Patient in Acute Postoperative Pain	Andrew Gray, MD
PBLD-07	The Interscalene Block: Anatomic Considerations for Injection Site and Catheter Placement	Carlo Franco, MD
PBLD-08	Did My Block Do That? Assessment and Management of Neurologic Deficits	Terese Horlocker, MD
PBLD-09	The Anti-Metastatic Anesthetic: Risks and Benefits	Alain Borgeat, MD
PBLD-10	Respiratory Arrest After Interscalene Block: Differential Diagnosis and Management	Carrie Guheen, MD
PBLD-11	The Seizing Parturient After Combined Spinal Epidural	Danielle Ludwin, MD
PBLD-12	Challenges and Approaches to Ultrasound-Guided Sciatic Nerve Block in Larger Patients	Michael Barrington, MD
PBLD-13	ERAS: Practical Advice for the Acute Pain Physician	Christopher Wu, MD
PBLD-14	I Need a Blood Patch NOW! Acute Mental Status Change After Epidural Blood Patch	Brian Sites, MD
PBLD-15	Don't Block that Patient: He May Develop a Compartment Syndrome!	Nabil Elkassabany, MD
PBLD-16	PEC, PVB, EPIDURAL, or GA for Perioperative Mastectomy Pain Management: Are All Things Equal?	Kyle Kirkham, MD
PBLD-17	Catch 22: Opioid Alternatives for Perioperative Pain Management during Primary Cancer Surgery	Daniel Sessler, MD
PBLD-18	Endangered Species: the Lumbar Plexus Block's Risks, Indications, and Practical Advice	Hesham Elsharkawy, MD
PBLD-20	Is That an Epidural Hematoma or Abscess? Diagnosis and Treatment	Katharine Fleischmann, MD
PBLD-21	That Surgery Doesn't Hurt That Much: How to Empower the Patient Despite the Surgeon	William Urmey, MD
PBLD-22	Surgical Patients that Should Not Get Blocks: Don't Abandon Them Though!	Juan Pablo Cata, MD
PBLD-23	Strategies to Leverage Your Value Within the Healthcare System <b>(PMP registration required)</b>	Alexandru Visan, MD
PBLD-24	Key Aspects of Alternative Payment Models <b>(PMP registration required)</b>	Stanley Stead, MD
PBLD-25	Effective Strategies for a State-of-the-Art Acute Pain Service <b>(PMP registration required)</b>	Brian Harrington, MD
PBLD-26	Complexity and Implementation Options for Current Healthcare Legislation (e.g. MACRA, ACA) <b>(PMP registration required)</b>	Vanila Singh, MD







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## Friday, April 7, 2017

Session	Parallel A	Parallel B	Interactive Demonstration Workshops	Interactive Demonstration Workshops	Hands-On Workshops	Comprehensive Workshops	Moderated ePosters A	Moderated ePosters B
Room	Salon 9 Yerba Buena	Salon 10-15 Yerba Buena	Foothill E	Foothill F	Foothill G	Foothill C (aka Club Room)	Salon 5 Yerba Buena	Salon 6 Yerba Buena
7:00 AM	<b>Non-CME Ancillary Event by Halyard Health (breakfast included)</b>							
7:15 AM								
7:30 AM								
7:45 AM	<b>Getting Started</b> Breakfast, Exhibition, ePosters, ASRA Chat Room, Internet Café in Exhibit Hall							
8:00 AM	PS-1a Parallel Session	PS-1b Parallel Session	<b>TICKET</b> WS-34 Interactive Demonstration Workshop	<b>TICKET</b> WS-12 Interactive Demonstration Workshop	<b>TICKET</b> WS-11 Interactive Demonstration Workshop	<b>TICKET</b> WS-13 Comprehensive Workshop	MP-05a Moderated ePosters	MP-05b Moderated ePosters
8:15 AM	Clinical Pathways Kneed for Speed: Total Knee Arthroplasty Protocols	Perioperative Surgical Home: Opioid Management for the Acute Pain Physician	Head and Airway Blocks	Blocks of the Abdominal Wall	The Masterclass: Block Tricks for Experts by Experts	Lower Extremity Blocks		
8:30 AM								
8:45 AM								
9:00 AM								
9:15 AM								
9:30 AM	<b>Break in Exhibit Hall</b> Refreshments, Exhibition, ePosters, ASRA Chat Room, Internet Café							
9:45 AM								
10:00 AM								
10:15 AM	PS-2a Parallel Session	PS-2b Parallel Session	<b>TICKET</b> WS-14 Interactive Demonstration Workshop	<b>TICKET</b> WS-15 Interactive Demonstration Workshop	<b>TICKET</b> WS-16 Hands-On Workshop		MP-06a Moderated ePosters	MP-06b Moderated ePosters
10:30 AM	Clinical Pathways Joint Venture: Pain Management for Major Joint Surgery	Acute Pain: Opioid Alternatives	Blocks for the Knee Joint	Ultrasound for Thoracic and Lumbar Neuraxial Blocks	Continuous Nerve Blocks for the Upper Extremity			
10:45 AM								
11:00 AM								
11:15 AM								
11:30 AM								
11:45 AM								
12:00 PM	Lunch on Own							
12:15 PM								
12:30 PM								
12:45 PM								
1:00 PM								
1:15 PM	<b>American Society of Anesthesiologists</b> Presidential Update Salon 9 Yerba Buena							
1:30 PM								
1:45 PM								
2:00 PM	PS-3a Parallel Session	PS-3b Parallel Session	<b>TICKET</b> WS-17 Interactive Demonstration Workshop		<b>TICKET</b> WS-18 Hands-On Workshop	<b>TICKET</b> WS-19 Special Session Workshop	MP-07a Moderated ePosters	MP-07b Moderated ePosters
2:15 PM	Science of Regional Anesthesia: Beyond the Nerve Target and Novel Approaches	Practice Management Portfolio Part 1: Law, Marketing, and Strategy	Advanced Blocks of the Lower Extremity		Continuous Nerve Blocks for the Lower Extremity	PoCUS: Point-of-Care Ultrasound for the Regional Anesthesiologist		
2:30 PM								
2:45 PM								
3:00 PM								
3:15 PM								
3:30 PM	<b>Break in Exhibit Hall</b> Refreshments, Exhibition, ePosters, ASRA Chat Room, Internet Café							
3:45 PM								
4:00 PM								
4:15 PM	PS-4a Parallel Session	PS-4b Parallel Session	<b>TICKET</b> WS-20 Interactive Demonstration Workshop	<b>TICKET</b> WS-21 Interactive Demonstration Workshop			MP-08a Moderated ePosters	MP-08b Moderated ePosters
4:30 PM	ASRA/ESRA Session: Cancer Recurrence, the Immune System, and Nerve Blocks	Practice Management Portfolio Part 2: Finance	Ultrasound for Neuraxial Blockade in Difficult Anatomy	Blocks of the Abdominal Wall				
4:45 PM								
5:00 PM								
5:15 PM								
5:30 PM								
5:45 - 7:00 PM	Special Event <b>Resident/Fellow and Fellowship Directors Meet and Greet</b> Generously supported by: Halyard Health <b>Atrium</b>							



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## Main Meeting - Friday, April 7, 2017

7:00 am - 7:45 am		<i>Non-CME Ancillary Event by Halyard Health</i> <b>"Hip Fracture Alert": An Overnight Success...6 Years Running</b>		Salon 9 Yerba Buena
7:30 am - 8:00 am		<b>Getting Started</b> Breakfast, Exhibition, ePosters, ASRA Chat Room, Internet Café		
8:00 am - 9:30 am		<i>PS-1a Parallel Session</i> <b>Clinical Pathways - Kneed for Speed: Total Knee Arthroplasty (TKA) Protocols</b>	<i>Moderator:</i> Anahi Perlas, MD	Salon 9 Yerba Buena
8:00 am		Femoral Catheter vs. Adductor Canal Catheter for Knee Joint Post-Op Pain and Physical Therapy	Edward Mariano, MD	1.5 credits
8:20 am		Total Knee Arthroplasty vs. Total Knee Replacement: Postop Objectives in Pain Control and Physical Therapy	Jay Lieberman, MD	
8:40 am		Total Knee Arthroplasty Outcome Metrics: General Anesthesia vs. Neuraxial vs. Nerve Block vs. Infiltration	Brian Sites, MD	
9:00 am		Panel Discussion and Open Forum		
8:00 am - 9:30 am		<i>PS-1b Parallel Session</i> <b>Perioperative Surgical Home: Opioid Management for the Acute Pain Physician</b>	<i>Moderator:</i> Vincent Chan, MD	Salon 10-15 Yerba Buena
8:00 am		Phenotyping and Genetic Testing for Opioid Management	Daniel Warren, MD	1.5 credits
8:20 am		Managing Opioid Induced Hyperalgesia	Marc Huntoon, MD	
8:40 am		Planning for Discharge: Continuity of Care in Opioid Dependent Patients	Asokumar Buvanendran, MD	
9:00 am		Panel Discussion and Open Forum		
9:30 am - 10:15 am		<b>Break in Exhibit Hall</b> Refreshments, Exhibition, ePosters, ASRA Chat Room, Internet Café		
10:15 am - 11:45 am		<i>PS-2a Parallel Session</i> <b>Clinical Pathways - Joint Venture: Pain Management for Major Joint Surgery</b>	<i>Moderator:</i> Ralf Gebhard, MD	Salon 9 Yerba Buena
10:15 am		Best of Meeting Abstract 3645		1.5 credits
10:20 am		The Elusive Interscalene Catheter: In-Plane, Out-of-Plane, Tip Location, and Infusion Options to Maximize Postoperative Success	Jean-Louis Horn, MD	
10:40 am		It's Not Just About Pain: Postop Surgical and Physical Therapy Goals after Major Joint Surgery - Our Role in ERAS (Enhanced Recovery After Surgery)	William Jiranek, MD	
11:00 am		Hip Surgery: Block Options, Obstacles, and Outcomes	Hesham Elsharkawy, MD	
11:20 am		Panel Discussion and Open Forum		
10:15 am - 11:45 am		<i>PS-2b Parallel Session</i> <b>Acute Pain: Opioid Alternatives</b>	<i>Moderator:</i> Vincent Chan, MD	Salon 10-15 Yerba Buena
10:15 am		Best of Meeting Abstract 3332		1.5 credits
10:20 am		Neuromodulators for Acute and Persistent Post-Op Pain	Christopher Wu, MD	
10:40 am		Cannabinoid Pharmacology: Current Evidence for Pain Management	Adrian Bosenberg, MD	
11:00 am		Ketamine for Post-Op Pain Management: Protocols that Work	Daniel Warren, MD	
11:20 am		Panel Discussion and Open Forum		
11:45 am - 1:15 pm		<b>Lunch On Own</b>		
1:15 pm - 2:00 pm		<b>American Society of Anesthesiologists</b>	<i>Moderator:</i> Oscar de Leon-Casasola, MD	Salon 9 Yerba Buena
1:15 pm		ASA Presidential Update	Jeffrey Plagenhoef, MD	0.75 credits
1:45 pm		Q&A		
1:55 pm		Adjournment and transition to next session (for those attending workshops)		
2:00 pm - 3:30 pm		<i>PS-3a Parallel Session</i> <b>Science of Regional Anesthesia: Beyond the Nerve Target and Novel Approaches</b>	<i>Moderator:</i> Carlo Franco, MD	Salon 9 Yerba Buena
2:00 pm		TAPS and Quadratus Lumborum	Hesham Elsharkawy, MD	1.5 credits
2:20 pm		New Block Approaches Lower Extremity: Transverse Oblique USG Lumbar Plexus Block, iPACK - Infiltration between Popliteal Artery and Capsule of Knee Block	Sanjay Sinha, MD	
2:40 pm		New Blocks for Post-Mastectomy Pain Control (PEC and Serratus Plane Blocks)	Michael Barrington, MD	
3:00 pm		Panel Discussion and Open Forum		
2:00 pm - 3:30 pm		<i>PS-3b Parallel Session</i> <b>Practice Management Portfolio Part 1: Law, Marketing, and Strategy</b>	<i>Moderator:</i> Alexandru Visan, MD	Salon 10-15 Yerba Buena
2:00 pm		Best of Meeting Abstract 3346		1.5 credits
2:05 pm		MACRA and Beyond	Sharon Merrick, MS, CCS-P	
2:25 pm		How to Gain a Competitive Advantage with Regional Anesthesia and the Acute Pain Service	Eugene Viscusi, MD	
2:45 pm		Marketing an Acute Pain Service to all Healthcare System Stakeholders	F. Kayser Enneking, MD	
3:05 pm		Panel Discussion and Open Forum		




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**3:30 pm - 4:15 pm Break in Exhibit Hall**  
Refreshments, Exhibition, ePosters, ASRA Chat Room, Internet Café

		<i>PS-4a Parallel Session</i>	<i>Moderator:</i>	Salon 9
4:15 pm - 5:45 pm	<b>ASRA / ESRA Session: Cancer Recurrence, the Immune System, and Nerve Blocks</b>		Oscar de Leon-Casasola, MD	Yerba Buena
4:15 pm	Anesthesia and Cancer Metastasis: Physiologic Basis		Daniel Sessler, MD	1.5 credits
4:35 pm	Evidence-Based Update on the Role of Regional Anesthesia for Cancer Surgery		Juan Pablo Cata, MD	
4:55 pm	Local Anesthetics: An Old Tool for a New Target?		Alain Borgeat, MD	
5:15 pm	Panel Discussion and Open Forum			
		<i>PS-4b Parallel Session</i>	<i>Moderator:</i>	Salon 10-15
4:15 pm - 5:45 pm	<b>Practice Management Portfolio Part 2: Finance</b>		Alexandru Visan, MD	Yerba Buena
4:15 pm	CMS Value Proposition and Implications for Regional Anesthesia		Stanley Stead, MD	1.5 credits
4:35 pm	Financial Sustainability in the Alternative Payments Environment		Sanjay Sinha, MD	
4:55 pm	2017 Update on MIPS Reporting Modalities		Edward Mariano, MD	
5:15 pm	Panel Discussion and Open Forum			





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## Saturday, April 8, 2017

Session	Parallel A	Parallel B	Parallel C	Interactive Demonstration Workshops	Interactive Sessions	Hands-On Workshops	Resident/Fellow Workshops	Moderated ePosters A	Moderated ePosters B	Simulation Workshop	
Room	Salon 9 Yerba Buena	Salon 10-15 Yerba Buena	Nob Hill A-B	Foothill E	Foothill F	Foothill G	Foothill C (aka Club Room)	Salon 5 Yerba Buena	Salon 6 Yerba Buena	Foothill D	
7:30 AM	<b>Getting Started</b>										
7:45 AM	Breakfast, Exhibition, ePosters, ASRA Chat Room, Internet Café in Exhibit Hall										
8:00 AM	PS-5a Parallel Session  Postsurgical Pain Syndromes	PS-5b Parallel Session  Regional Anesthesia in Austere Environments		TICKET WS-36 Interactive Demonstration Workshop  Blocks of the Abdominal Wall	TICKET IS-01 Ask the Experts Interactive Session  Practice Management Case Scenarios 1	TICKET WS-22 Interactive Demonstration Workshop  Pearls for Pediatric Regional Anesthesia	TICKET WS-23 Resident/Fellow Comprehensive Workshop  Ultrasound Principles: Lower Extremity, Upper Extremity, and Truncal Anatomy	MP-09a Moderated ePosters	MP-09b Moderated ePosters	TICKET WS-24 High-Fidelity Simulation Workshop  Crisis Management for the Regional Anesthesiologist	
8:15 AM											
8:30 AM											
8:45 AM											
9:00 AM											
9:15 AM											
9:30 AM	<b>Break in Exhibit Hall</b>										
9:45 AM	Refreshments, Exhibition, ePosters, ASRA Chat Room, Internet Café										
10:00 AM											
10:15 AM	PS-6a Parallel Session  Neuraxial and Regional Anesthesia Contraindications: Fact vs. Fiction	PS-6b Parallel Session  Managing Failures in Regional Anesthesia and Acute Pain	PS-6c Parallel Session  ASRA/ESRA Pediatric Panel  Space is limited!	TICKET WS-25 Interactive Demonstration Workshop  Blocks for the Breast and Chest Wall	TICKET IS-02 Ask the Experts Interactive Session  Practice Management Case Scenarios 2	TICKET WS-37 Interactive Demonstration Workshop  The Masterclass: Continuous Peripheral Nerve Blockade		MP-10a Moderated ePosters	MP-10b Moderated ePosters		
10:30 AM											
10:45 AM											
11:00 AM											
11:15 AM											
11:30 AM											
11:45 AM	<b>Special Event</b>										
12:00 PM	<b>Excellence in ASRA Awards Luncheon</b>										
12:15 PM	(Salon 9 - Parallel A)										
12:30 PM	TICKET										
12:45 PM											
1:00 PM	PS-7a Parallel Session  Advanced Labor Epidural Management	PS-7b Parallel Session  New Technologies: Exploring the Evidence for Use		TICKET WS-26 Interactive Demonstration Workshop  Blocks for Shoulder and Clavicle Surgery	IS-03 Ask the Experts Interactive Session  Practical Advice for Publication Success  Open to all, no registration required, space is limited	TICKET WS-27 Hands-On Workshop  Continuous Nerve Blocks for the Chest and Abdomen	TICKET WS-28 Resident/Fellow Comprehensive Workshop  Ultrasound Principles: Lower Extremity, Upper Extremity, and Truncal Anatomy	MP-11a Moderated ePosters	MP-11b Moderated ePosters		
1:15 PM											
1:30 PM											
1:45 PM											
2:00 PM											
2:15 PM											
2:30 PM											
2:45 PM	<b>Break and Refreshments in Foyer</b>										
3:00 PM	PS-8a Parallel Session  Painless Healthcare Reform	PS-8b Parallel Session  New Developments in Research		TICKET WS-29 Interactive Demonstration Workshop  Head and Airway Blocks				MP-12a Moderated ePosters	MP-12b Moderated ePosters		
3:15 PM											
3:30 PM											
3:45 PM											
4:00 PM											
4:15 PM											
4:30 PM	<b>Session Adjournment and Free Time</b>										
7:00 - 10:00 PM	<b>Special Event</b>										
	<b>Annual Meeting Celebration: A Taste of Napa with a View to Remember</b>										
	TICKET										



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## Main Meeting - Saturday, April 8, 2017

<b>7:30 am - 8:00 am</b>	<b>Getting Started</b>	Exhibit Hall
Breakfast, Exhibition, ePosters, ASRA Chat Room, Internet Café		
<b>8:00 am - 9:30 am</b>	<i>PS-5a Parallel Session</i> <b>Postsurgical Pain Syndromes</b>	<i>Moderator:</i> Salon 9 Yerba Buena
8:00 am	Epidemiology, Risk Factors, and the Role of the Acute Pain Service	T. Edward Kim, MD
8:20 am	Post-Thoracotomy and Post-Mastectomy Pain Syndromes	Daniel Warren, MD
8:40 am	Phantom Limb Pain: Challenges, Management, and Innovations	David Provenzano, MD
9:00 am	Panel Discussion and Open Forum	1.5 credits
<b>8:00 am - 9:30 am</b>	<i>PS-5b Parallel Session</i> <b>Regional Anesthesia in Austere Environments</b>	<i>Moderator:</i> Salon 10-15 Yerba Buena
8:00 am	Natural Disasters	Ralf Gebhard, MD
8:20 am	Conflict Zones	Chester Buckenmaier, MD
8:40 am	Developing Countries	Swetha Pakala, MD
9:00 am	Panel Discussion and Open Forum	1.5 credits
<b>9:30 am - 10:15 am</b>	<b>Break in Exhibit Hall</b>	
Refreshments, Exhibition, ePosters, ASRA Chat Room, Internet Café		
<b>10:15 am - 11:45 am</b>	<i>PS-6a Parallel Session</i> <b>Neuraxial and Regional Anesthesia Contraindications: Fact vs. Fiction</b>	<i>Moderator:</i> Salon 9 Yerba Buena
10:15 am	Implanted Spinal Hardware in Parturients: Harrington Rods, IT Pumps, and Spinal Cord Stimulators - Is Neuraxial Anesthesia Still an Option?	Terese Horlocker, MD
10:35 am	Asleep Blocks, Coercion, Duress, and Patient Education	Laura Clark, MD
10:55 am	High Risk Parturients and Neuraxial Blocks	David Birnbach, MD
11:15 am	Panel Discussion and Open Forum	1.5 credits 
<b>10:15 am - 11:45 am</b>	<i>PS-6b Parallel Session</i> <b>Managing Failures in Regional Anesthesia and Acute Pain</b>	<i>Moderator:</i> Salon 10-15 Yerba Buena
10:15 am	Spinals and Epidurals: Causes and Strategies	Ki Jinn Chin, MD
10:35 am	Nerve Blocks and Nerve Block Catheters: Causes and Strategies	Jeffrey Gadsden, MD
10:55 am	PCA's: Causes and Strategies	Christopher Wu, MD
11:15 am	Panel Discussion and Open Forum	1.5 credits 
<b>10:15 am - 11:45 am</b>	<i>PS-6c Parallel Session (space is limited!)</i> <b>ASRA/ESRA Pediatric Panel</b>	<i>Moderator:</i> Nob Hill A-B
10:15 am	Best of Meeting Abstracts 3264 and 3291	Santhanam Suresh, MD
10:25 am	Local Anesthetics and Central Blocks	Claude Ecoffey, MD
10:40 am	Local Anesthetics and Peripheral Blocks	Giorgio Ivani, MD
10:55 am	Adjuvants	Per-Arne Lonnqvist, MD
11:10 am	Toxicity	Adrian Bosenberg, MD
11:25 am	Panel Discussion and Open Forum	1.5 credits 
<b>11:45 am - 1:15 pm</b>	<i>Special Event</i> <b>Excellence in ASRA Awards Luncheon</b>	<i>Moderator:</i> Salon 9 Yerba Buena
11:45 am	Buffet Lunch Service ( <i>additional fee, ticket required</i> )	Colin McCartney, MBChB, PhD
12:00 pm	Carl Koller Memorial Research Grant Update	Harsha Shanthanna, MD
12:15 pm	Gaston Labat Lecture: Challenging Conventions To Make a Difference in Patient Care	Nigel Sharrock, MD
1:00 pm	Adjournment and Move to Next Session	0.75 credits
<b>1:15 pm - 2:45 pm</b>	<i>PS-7a Parallel Session</i> <b>Advanced Labor Epidural Management</b>	<i>Moderator:</i> Salon 9 Yerba Buena
1:15 pm	Parturient Physiology and Local Anesthetic Systemic Toxicity	David Birnbach, MD
1:35 pm	The Challenging Epidural: Implanted Hardware and Abnormal Anatomy	Colin McCartney, MBChB, PhD
1:55 pm	Programmed Intermittent Bolusing for Epidural Labor Analgesia	Danielle Ludwin, MD
2:15 pm	Panel Discussion and Open Forum	Brendan Carvalho, MD 1.5 credits 
<b>1:15 pm - 2:45 pm</b>	<i>PS-7b Parallel Session</i> <b>New Technologies: Exploring the Evidence for Use</b>	<i>Moderator:</i> Salon 10-15 Yerba Buena
1:15 pm	New Extended Release Anesthetics	Brian Sites, MD
1:35 pm	Non-Invasive PCA Technology	Juan Pablo Cata, MD
1:55 pm	Cryoanalgesia: A "Hot" New Tool for Acute Pain Management?	Eugene Viscusi, MD
2:15 pm	Panel Discussion and Open Forum	Brian Ilfeld, MD 1.5 credits
<b>2:45 pm - 3:00 pm</b>	<b>Break and Refreshments in Foyer</b>	





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<b>3:00 pm - 4:30 pm</b>		<i>PS-8a Parallel Session</i>	<i>Moderator:</i>	Salon 9
<b>Painless Healthcare Reform</b>			Alexandru Visan, MD	Yerba Buena
3:00 pm		CMS and the Impact of Quality Metrics for Reimbursement	Stanley Stead, MD	1.5 credits
3:20 pm		Customer Surveys in Healthcare (e.g. HCAPs): Essentials for Practitioners	F. Kayser Enneking, MD	
3:40 pm		CMS Compliance: How to Get Along with the Feds	Vanila Singh, MD	
4:00 pm		Panel Discussion and Open Forum		
<b>3:00 pm - 4:30 pm</b>		<i>PS-8b Parallel Session</i>	<i>Moderator:</i>	Salon 10-15
<b>New Developments in Research</b>			Eugene Viscusi, MD	Yerba Buena
3:00 pm		Percutaneous Peripheral Nerve Stimulation with Open-Coil Leads for Acute Postoperative Pain Management	Brian Ilfeld, MD	1.5 credits
3:20 pm		Neosaxitoxin, Conotoxin, and TRPV-1	John Butterworth, MD	
3:40 pm		Pupillometry: A New Monitor for Pain Specialists?	Adrian Bosenberg, MD	
4:00 pm		Panel Discussion and Open Forum		
<b>4:30 pm - 7:00 pm</b>		<b>Session Adjournment and Free Time</b>		
<b>7:00 pm - 10:00 pm</b>		<i>Special Event</i>		View Lounge
<b>Annual Meeting Celebration: A Taste of Napa with a View to Remember</b>				39th Floor







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## Workshops - Thursday, April 6, 2017

(additional fee, physicians only)

<b>8:15 am - 12:00 pm</b>	<b>Morning Workshop Coordinator</b>	Jan Boublik, MD	
	<i>WS-01 Interactive Demonstration Workshop</i>	<i>Lead:</i>	
<b>8:15 am - 9:45 am</b>	<b>Blocks for the Breast and Chest Wall</b>	Katharine Fleischmann, MD	Foothill E
	Thoracic Paravertebral Block Plane Blocks of the Chest Wall: PEC I and II, Serratus Anterior Intercostal Nerve Blocks	<i>Faculty:</i> Kyle Kirkham, MD	<i>Associate Faculty:</i> Rodney Gabriel, MD 1.5 credits
	<i>WS-02 Interactive Demonstration Workshop</i>	<i>Lead:</i>	
<b>8:15 am - 9:45 am</b>	<b>Advanced Blocks of the Upper Extremity</b>	Vincent Chan, MD	Foothill F
	Novel Variants of Brachial Plexus Block: Retroclavicular, Costoclavicular Suprascapular Nerve and Axillary Nerve Suggested Approaches in Challenging Anatomy	<i>Faculty:</i> Glenn Woodworth, MD	<i>Associate Faculty:</i> Yan Lai, MD 1.5 credits
	<i>WS-03 Comprehensive Workshop</i>	<i>Lead:</i>	
<b>8:15 am - 12:00 pm</b>	<b>Truncal-Paravertebral Blocks</b>	Ki Jinn Chin, MBBS	Foothill C
	Comprehensive Review of All Truncal Blocks Thoracic Epidural and Paravertebral Intercostal Blocks Plane Blocks (TAP, TFP, QLQ), Ilio-Inguinal Block Indications, Patient Selection, Side Effects, and Complications	<i>Faculty:</i> Hesham Elsharkawy, MD Jeffrey Gadsden, MD James Green, MBBS Adam Niesen, MD	3.75
	<i>WS-31 Interactive Demonstration Workshop</i>	<i>Lead:</i>	
<b>10:00 am - 11:30 am</b>	<b>Blocks for the Breast and Chest Wall</b>	Katharine Fleischmann, MD	Foothill E
	Thoracic Paravertebral Block Plane Blocks of the Chest Wall: PEC I and II, Serratus Anterior Intercostal Nerve Blocks	<i>Faculty:</i> Kyle Kirkham, MD	<i>Associate Faculty:</i> Rodney Gabriel, MD 1.5 credits
	<i>WS-04 Interactive Demonstration Workshop</i>	<i>Lead:</i>	
<b>10:00 am - 11:30 am</b>	<b>Blocks for Shoulder and Clavicle Surgery</b>	Steven Orebaugh, MD	Foothill F
	Interscalene, Upper Trunk, Superficial Cervical Plexus Suprascapular Nerves, Suprascapular and Axillary Nerves Indications, Patient Selection, Side Effects, and Complications	<i>Faculty:</i> Carlo Franco, MD	<i>Associate Faculty:</i> Robert Maniker, MD 1.5 credits
	<i>WS-05 Hands-On Workshop</i>	<i>Lead:</i>	
<b>10:00 am - 12:00 pm</b>	<b>High-Fidelity Simulator for Thoracic Blocks</b>	Barys Ihnatsenka, MD	Foothill G
	Thoracic Epidurals, Thoracic Paravertebral, Intercostal Blocks	<i>Faculty:</i> Santhanam Suresh, MD	<i>Associate Faculty:</i> Linda Le-Wendling, MD Yury Zasimovich, MD 2 credits 
<b>1:30 pm - 5:15 pm</b>	<b>Afternoon Workshop Coordinator</b>	Glenn Woodworth, MD	
	<i>WS-32 Interactive Demonstration Workshop</i>	<i>Lead:</i>	
<b>1:30 pm - 3:00 pm</b>	<b>Introduction to Point-Of-Care Ultrasound for the Regional Anesthesiologist</b>	Jan Boublik, MD	Foothill E
	Lung Ultrasound: Diagnosis of Pneumothorax Ultrasound of the Diaphragm, Gastric Ultrasound	<i>Faculty:</i> James Green, MD Stephen Haskins, MD	<i>Associate Faculty:</i> Carlos Brun, MD 1.5 credits 
	<i>WS-06 Interactive Demonstration Workshop</i>	<i>Lead:</i>	
<b>1:30 pm - 3:00 pm</b>	<b>Blocks of the Hip and Proximal Lower Extremity</b>	Francis Salinas, MD	Foothill F
	Blocks of the Lumbar Plexus and Its Branches Parasacral and Proximal Sciatic Blocks	<i>Faculty:</i> Sandra Kopp, MD	<i>Associate Faculty:</i> Arthur Atchabahian, MD 1.5 credits
	<i>WS-07 Hands-On Workshop</i>	<i>Lead:</i>	
<b>1:30 pm - 3:30 pm</b>	<b>Blocks of the Breast and Thorax (includes high-fidelity simulation)</b>	Barys Ihnatsenka, MD	Foothill G
	Thoracic Epidural, Thoracic Paravertebral Blocks, Pec Blocks, Serratus Plane Blocks	<i>Faculty:</i> Santhanam Suresh, MD	<i>Associate Faculty:</i> Linda Le-Wendling, MD Yury Zasimovich, MD 2 credits 
	<i>WS-08 Comprehensive Workshop</i>	<i>Lead:</i>	
<b>1:30 pm - 5:15 pm</b>	<b>Upper Extremity Blocks</b>	Edward Mariano, MD	Foothill C
	Comprehensive Review of the Blocks of the Upper Extremity Block at the Roots, Block at the Trunks and Divisions Block at the Cords, Peripheral Nerve Blocks (Conjoint Tendon Axillary, Elbow, and Wrist)	<i>Faculty:</i> Jean-Louis Horn, MD Rebecca Johnson, MD Colin McCartney, MBChB, PhD Steven Orebaugh, MD	3.75 credits
	<i>WS-09 Interactive Demonstration Workshop</i>	<i>Lead:</i>	
<b>3:45 pm - 5:15 pm</b>	<b>Introduction to Point-Of-Care Ultrasound for the Regional Anesthesiologist</b>	Jan Boublik, MD	Foothill E
	Lung Ultrasound: Diagnosis of Pneumothorax Ultrasound of the Diaphragm, Gastric Ultrasound	<i>Faculty:</i> Carrie Guheen, MD Stephen Haskins, MD	<i>Associate Faculty:</i> Carlos Brun, MD 1.5 credits 
	<i>WS-33 Interactive Demonstration Workshop</i>	<i>Lead:</i>	
<b>3:45 pm - 5:15 pm</b>	<b>Blocks of the Hip and Proximal Lower Extremity</b>	Francis Salinas, MD	Foothill F
	Blocks of the Lumbar Plexus and Its Branches Parasacral and Proximal Sciatic Blocks	<i>Faculty:</i> Sandra Kopp, MD	<i>Associate Faculty:</i> Arthur Atchabahian, MD 1.5 credits
	<i>WS-10 Interactive Demonstration Workshop</i>	<i>Lead:</i>	
<b>3:45 pm - 5:15 pm</b>	<b>Blocks for the Knee Joint</b>	Vanila Singh, MD	Foothill G
	iPACK Infiltration Block of the Knee	<i>Faculty:</i>	1.5 credits



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Adductor Canal Block and Its Variants  
Sciatic Nerve Block Approaches for the Knee Joint

Michael Barrington, MD  
Sanjay Sinha, MD

## Workshops - Friday, April 7, 2017

(additional fee, physicians only)

<b>8:00 am - 11:45 am</b>	<b>Morning Workshop Coordinator</b>	Yan Lai, MD	
	<i>WS-34 Interactive Demonstration Workshop</i>	<i>Lead:</i>	
<b>8:00 am - 9:30 am</b>	<b>Head and Airway Blocks</b>	Santhanam Suresh, MD	Foothill E
	Superior Laryngeal and Glossopharyngeal Nerve Blocks Trans-Tracheal Topicalization Sphenopalatine Ganglion Block and Occipital Nerve Block	<i>Faculty:</i> James Green, MD	1.5 credits 
	<i>WS-12 Interactive Demonstration Workshop</i>	<i>Lead:</i>	
<b>8:00 am - 9:30 am</b>	<b>Blocks of the Abdominal Wall</b>	Adam Niesen, MD	Foothill F
	Low Thoracic Paravertebral Blocks Plane Blocks (TAP, TFP, QL), Ilio-Inguinal Blocks Indications, Patient Selection, Side Effects, and Complications	<i>Faculty:</i> Jan Boublik, MD	<i>Associate Faculty:</i> Arthur Atchabahian, MD 1.5 credits
	<i>WS-11 Interactive Demonstration Workshop</i>	<i>Lead:</i>	
<b>8:00 am - 9:30 am</b>	<b>The Masterclass: Block Tricks for Experts by Experts</b>	William Urme, MD	Foothill G
		<i>Faculty:</i> Michael Barrington, MD Steven Orebaugh, MD	1.5 credits
	<i>WS-13 Comprehensive Workshop</i>	<i>Lead:</i>	
<b>8:00 am - 11:45 am</b>	<b>Lower Extremity Blocks</b>	Francis Salinas, MD	Foothill C
	Comprehensive Review of All Blocks of the Lower Extremity Lumbar Plexus and Its Branches Sciatic Nerve and Its Branches Blocks for the Hip, Knee, Ankle and Foot Indications, Patient Selection, Technique, Side Effects, and Complications	<i>Faculty:</i> Glenn Woodworth, MD Brian Harrington, MD De Tran, MD Robert Weller, MD	3.75 credits
	<i>WS-14 Interactive Demonstration Workshop</i>	<i>Lead:</i>	
<b>10:15 am - 11:45 am</b>	<b>Blocks for the Knee Joint</b>	Sandra Kopp, MD	Foothill E
	iPACK Infiltration Block of the Knee Adductor Canal Block and Its Variants Sciatic Nerve Block Approaches for the Knee Joint	<i>Faculty:</i> Sanjay Sinha, MD	<i>Associate Faculty:</i> Linda Le-Wendling, MD 1.5 credits
	<i>WS-15 Interactive Demonstration Workshop</i>	<i>Lead:</i>	
<b>10:15 am - 11:45 am</b>	<b>Ultrasound for Thoracic and Lumbar Neuraxial Blocks</b>	Ki Jinn Chin, MD	Foothill F
	Ultrasound-Assisted Thoracic Epidural US-Assisted Lumbar Epidural and Spinal Anesthesia	<i>Faculty:</i> Adam Niesen, MD	<i>Associate Faculty:</i> Patrick Wong, MD 1.5 credits
	<i>WS-16 Hands-On Workshop</i>	<i>Lead:</i>	
<b>9:45 am - 11:45 am</b>	<b>Continuous Nerve Blocks for the Upper Extremity</b>	Andrew Gray, MD	Foothill G
	Techniques of CPNB Placement for the Upper Extremity Various Equipment and Catheter Types Ultrasound Scanning on Live Models Practice Catheter Insertion on Meat Models Indications, Patient Selection, Side Effects, and Complications	<i>Faculty:</i> Chester Buckenmaier, MD Katharine Fleischmann, MD Brian Ilfeld, MD Kyle Kirkham, MD	<i>Associate Faculty:</i> Jeffrey Frohock, MD Kwesi Kwofie, MD 2 credits
<b>2:00 pm - 5:45 pm</b>	<b>Afternoon Workshop Coordinator</b>	Nabil Elkassabany, MD	
	<i>WS-17 Interactive Demonstration Workshop</i>	<i>Lead:</i>	
<b>2:00 pm - 3:30 pm</b>	<b>Advanced Blocks of the Lower Extremity</b>	Jeffrey Gadsden, MD	Foothill E
	Parasacral and Anterior Sciatic Blocks Selective Peripheral Nerve Blocks in the Lower Limb	<i>Faculty:</i> Jean-Louis Horn, MD	<i>Associate Faculty:</i> Patrick Wong, MD 1.5 credits
	<i>WS-18 Hands-On Workshop</i>	<i>Lead:</i>	
<b>2:00 pm - 4:00 pm</b>	<b>Continuous Nerve Blocks for the Lower Extremity</b>	Kyle Kirkham, MD	Foothill G
	Techniques of Nerve Block Catheter Placement for the Lower Extremity Various Equipment and Catheter Types Ultrasound Scanning on Live Models Practice Catheter Insertion on Meat Models Indications, Patient Selection, Side Effects, and Complications	<i>Faculty:</i> Chester Buckenmaier, MD Ralf Gebhard, MD Brian Ilfeld, MD Andrew Gray, MD	<i>Associate Faculty:</i> Rodney Gabriel, MD Robert Maniker, MD 2 credits
	<i>WS-19 Special Session Workshop</i>	<i>Lead:</i>	
<b>2:00 pm - 5:45 pm</b>	<b>PoCUS: Point of Care Ultrasound for the Regional Anesthesiologist</b>	Jan Boublik, MD	Foothill C
	Introductory lectures covering Airway Blocks (SLN, Glossopharyngeal and Transtracheal), Lung/Diaphragm, Gastric. Station rotations (5): 1. Airway, 2. Lung, 3. Diaphragm, 4. Gastric, 5. eFAST	<i>Faculty:</i> Carrie Guheen, MD James Green, MD Stephen Haskins, MD Anahi Perlas, MD	<i>Associate Faculty:</i> Carlos Brun, MD 1.5 credits 
	<i>WS-20 Interactive Demonstration Workshop</i>	<i>Lead:</i>	
<b>4:15 pm - 5:45 pm</b>	<b>Ultrasound for Neuraxial Blockade in Difficult Anatomy</b>	Ki Jinn Chin, MD	Foothill E
	Ultrasound of the Spine in the Orthopedic and Obstetric Patient with Obesity Scoliosis, Spinal Surgery, and Degenerative Disease AV Presentation / Video Demonstration / Hands-On Practice Case Discussion and Recommended Approaches to Challenging Anatomy	<i>Faculty:</i> Danielle Ludwin, MD	<i>Associate Faculty:</i> Brinda Kamdar, MD 1.5 credits
	<i>WS-21 Interactive Demonstration Workshop</i>	<i>Lead:</i>	
<b>4:15 pm - 5:45 pm</b>	<b>Blocks of the Abdominal Wall</b>	Michael Barrington, MD	Foothill F
	Low Thoracic Paravertebrals Plane Blocks (TAP, TFP, QL), Ilio-Inguinal Blocks	<i>Faculty:</i> Chester Buckenmaier, MD	<i>Associate Faculty:</i> Patrick Wong, MD 1.5 credits





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Indications, Patient Selection, Side Effects, and Complications

## Workshops - Saturday, April 8, 2017

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<b>8:00 am - 11:45 am</b>	<b>Morning Workshop Coordinator</b>	Jaime Baratta, MD		
	<i>WS-36 Interactive Demonstration Workshop</i>	<i>Lead:</i>		
<b>8:00 am - 9:30 am</b>	<b>Blocks of the Abdominal Wall</b>	Jeffrey Gadsden, MD		Foothill E
	Low Thoracic Paravertebral Blocks Plane Blocks (TAP, TFP, QLB), Ilio-Inguinal Blocks Indications, Patient Selection, Side Effects, and Complications	<i>Faculty:</i> Nabil Elkassabany, MD	<i>Associate Faculty:</i> Linda Le-Wendeling, MD	1.5 credits
	<i>WS-22 Interactive Demonstration Workshop</i>	<i>Lead:</i>		
<b>8:00 am - 9:30 am</b>	<b>Pearls for Pediatric Regional Anesthesia</b>	Santhanam Suresh, MD		Foothill G
	Demonstration of the Most Useful Blocks for Pediatric Anesthesia Practice Indications, Patient Selection, Technique, Side Effects, and Complications	<i>Faculty:</i> Per-Arne Lonnqvist, MD Robert Weller, MD	<i>Associate Faculty:</i> Arthur Atchabahian, MD	1.5 credits
	<i>WS-23 Resident/Fellow Comprehensive Workshop</i>	<i>Lead:</i>		
<b>8:00 am - 10:00 am</b>	<b>Ultrasound Principles: Lower Extremity, Upper Extremity, and Truncal Anatomy</b>	Carrie Guheen, MD Eellan Sivanesan, MD		Foothill C
		<i>Associate Faculty:</i> Jeffrey Frohock, MD Rodney Gabriel, MD Jean-Louis Horn, MD Brinda Kamdar, MD Kwesi Kwofie, MD Yury Zasimovich, MD		2 credits
	<i>WS-24 High-Fidelity Simulation Workshop</i>	<i>Lead:</i>		
<b>8:00 am - 11:45 am</b>	<b>Crisis Management for the Regional Anesthesiologist</b>	Steven Howard, MD		Foothill D
	High Fidelity Simulation Setting Diagnose and Manage Acute Crisis in the Setting of Regional Anesthesia Small Group Hands-On Practice and Discussion	<i>Faculty:</i> Andrew Gray, MD T. Kyle Harrison, MD Cynthia Shum, RN, BScN, Med Guy Weinberg, MD		3.75 credits
	<i>WS-25 Interactive Demonstration Workshop</i>	<i>Lead:</i>		
<b>10:15 am - 11:45 am</b>	<b>Blocks for the Breast and Chest Wall</b>	Katharine Fleischmann, MD		Foothill E
	Thoracic Paravertebral Block Plane Blocks of the Chest Wall: PEC I and II, Serratus Anterior Intercostal Nerve Blocks	<i>Faculty:</i> Hesham Elsharkawy, MD	<i>Associate Faculty:</i> Yan Lai, MD	1.5 credits
	<i>WS-37 Interactive Demonstration Workshop</i>	<i>Lead:</i>		
<b>10:15 am - 11:45 am</b>	<b>The Masterclass: Continuous Peripheral Nerve Blockade</b>	Edward Kim, MD		Foothill G
		<i>Faculty:</i> De Tran, MD		1.5 credits
<b>1:15 pm - 4:30 pm</b>	<b>Afternoon Workshop Coordinator</b>	Jaime Baratta, MD		
	<i>WS-26 Interactive Demonstration Workshop</i>	<i>Lead:</i>		
<b>1:15 pm - 2:45 pm</b>	<b>Blocks for Shoulder and Clavicle Surgery</b>	T. Edward Kim, MD		Foothill E
	Interscalene, Upper Trunk, Suprascapular and Axillary Nerves Superficial Cervical Plexus, Supraclavicular Nerves Indications, Patient Selection, Side Effects, and Complications	<i>Faculty:</i> Swetha Pakala, MD	<i>Associate Faculty:</i> Arthur Atchabahian, MD	1.5 credits
	<i>WS-27 Hands-On Workshop</i>	<i>Lead:</i>		
<b>1:15 pm - 3:15 pm</b>	<b>Continuous Nerve Blocks for the Chest and Abdomen</b>	De Tran MD		Foothill G
	Thoracic and Lumbar Paravertebral Blocks Plane Blocks of the Chest Wall Plane Blocks of the Abdominal Wall	<i>Faculty:</i> Chester Buckenmaier, MD Laura Clark, MD Brian Harrington, MD Stephen Haskins, MD	<i>Associate Faculty:</i> Robert Maniker, MD Patrick Wong, MD	2 credits
	<i>WS-28 Resident/Fellow Comprehensive Workshop</i>	<i>Lead:</i>		
<b>1:15 pm - 3:15 pm</b>	<b>Ultrasound Principles: Lower Extremity, Upper Extremity, and Truncal Anatomy</b>	Carrie Guheen, MD Eellan Sivanesan, MD		Foothill C
		<i>Associate Faculty:</i> Jeffrey Frohock, MD Rodney Gabriel, MD Brinda Kamdar, MD Kwesi Kwofie, MD Yan Lai, MD Linda Le-Wendling, MD		2 credits
	<i>WS-29 Interactive Demonstration Workshop</i>	<i>Lead:</i>		
<b>3:00 pm - 4:30 pm</b>	<b>Head and Airway Blocks</b>	Santhanam Suresh, MD		Foothill E
	Superior Laryngeal and Glossopharyngeal Nerve Blocks Trans-Tracheal Topicalization Sphenopalatine Ganglion Block and Occipital Nerve Block	<i>Faculty:</i> James Green, MD	<i>Associate Faculty:</i> Arthur Atchabahian, MD	1.5 credits





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## Ask the Experts Interactive Sessions Saturday, April 8, 2017

		<i>IS-01 Ask the Experts Interactive Session (PMP registration required)</i>	<i>Moderator:</i>	
<b>8:00 am -</b>	<b>9:30 am</b>	<b>Practice Management Case Scenarios 1</b>	Alexandru Visan, MD	Foothill F
		Real Practice Scenario Simulator Session	F. Kayser Enneking, MD	1.5 credits
		Feasibility of a Joint Program in Your Practice	Sharon Merrick, MS, CCS-P	
		Feasibility of a Comprehensive Pain Management Program in Your Healthcare System	Sanjay Sinha, MD	
		What Is Your Current Leverage in Negotiating Bundle Payments	Stanley Stead, MD	
		<i>IS-02 Ask the Experts Interactive Session (PMP registration required)</i>	<i>Moderator:</i>	
<b>10:15 am -</b>	<b>11:45 am</b>	<b>Practice Management Case Scenarios 2</b>	Alexandru Visan, MD	Foothill F
		Alternative Sources of Revenue in a Healthcare System	Sharon Merrick, MS, CCS-P	1.5 credits
		Assessing the Merits of a Hospital-Proposed Shared Risk Program	Sanjay Sinha, MD	
		Determining Acute Pain Service Costs and Revenues	Stanley Stead, MD	
			Eugene Viscusi, MD	
		<i>IS-03 Ask the Experts Interactive Session (open to all, space is limited)</i>	<i>Moderator:</i>	
<b>1:15 pm -</b>	<b>2:45 pm</b>	<b>Practical Advice for Publication Success</b>	Marc Huntoon, MD	Foothill F
1:15 pm		Building Blocks for Success: From Protocol to Publication	Alain Borgeat, MD	1.5 credits
1:35 pm		Basic Statistics for Clinical Researchers	Guy Weinberg, MD	
1:55 pm		How to Peer Review	Joseph Neal, MD	
1:15 pm		Panel Discussion and Q&A		



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**Moderated ePoster Sessions** *(non-CME)*

<b>Thursday</b>		Salon 5 Yerba Buena	<b>Track A Moderator</b>	Salon 6 Yerba Buena	<b>Track B Moderator</b>
8:15 am -	9:45 am	<b>MP-01a</b>	Joseph Neal, MD	<b>MP-01b</b>	John Butterworth, MD
10:00 am -	12:00 pm	<b>MP-02a</b>	Daniel Sessler, MD	<b>MP-02b</b>	Marc Huntoon, MD
1:30 pm -	3:30 pm	<b>MP-03a</b>	Terese Horlocker, MD	<b>MP-03b</b>	Christopher Wu, MD
3:45 pm -	5:15 pm	<b>MP-04a</b>	Oscar de Leon-Casasola, MD	<b>MP-04b</b>	Danielle Ludwin, MD
<b>Friday</b>		Salon 5 Yerba Buena	<b>Track A Moderator</b>	Salon 6 Yerba Buena	<b>Track B Moderator</b>
8:00 am -	9:30 am	<b>MP-05a</b>	Daniel Sessler, MD	<b>MP-05b</b>	John Butterworth, MD
10:15 am -	11:45 am	<b>MP-06a</b>	David Birnbach, MD	<b>MP-06b</b>	Rajnish Gupta, MD
2:00 pm -	3:30 pm	<b>MP-07a</b>	Adrian Bosenberg, MD	<b>MP-07b</b>	Marc Huntoon, MD
4:15 pm -	5:45 pm	<b>MP-08a</b>	Jaime Baratta, MD	<b>MP-08b</b>	T. Kyle Harrison, MD
<b>Saturday</b>		Salon 5 Yerba Buena	<b>Track A Moderator</b>	Salon 6 Yerba Buena	<b>Track B Moderator</b>
8:00 am -	9:30 am	<b>MP-09a</b>	Rajnish Gupta, MD	<b>MP-09b</b>	Joseph Neal, MD
10:15 am -	11:45 am	<b>MP-10a</b>	Sandra Kopp, MD	<b>MP-10b</b>	Danielle Ludwin, MD
1:15 pm -	2:45 pm	<b>MP-11a</b>	Nabil Elkassabany, MD	<b>MP-11b</b>	Terese Horlocker, MD
3:00 pm -	4:30 pm	<b>MP-12a</b>	Marc Huntoon, MD	<b>MP-12b</b>	Barys Ihnatsenka, MD