



# Medical Education Master Class: Leadership and Management Thursday, November 9, 2023

12:30 pm -	1:15 pm	Registration in Foyer	
1:20 pm -	1:35 pm	Greetings and Overview of the Afternoon	Trent Emerick, MD, MBA
1:35 pm -	3:15 pm	Map of ACGME Accreditation Process: Definition and Review of ACGME Requirements Administrative Roadmap for Choosing a Fellow Educational Roadmap for Training a Fellow Connecting with Fellows Post Graduation	Moderator: Trent Emerick, MD, MBA
1:35 pm -	1:55 pm	Choosing the Right Fellow: Timeline, Interviews, Ranking	Trent Emerick, MD, MBA
1:55 pm -	2:15 pm	Training The Fellows: Progression and Exit Interviews	Yashar Eshragi, MD
2:15 pm -	2:35 pm	Survival Kits After Fellowship: Successful Pain Practice	Maxim Eckman, MD
2:35 pm -	2:55 pm	Pain Management Learning Curriculum: New and Old	Rebecca Dale, DO
2:55 pm -	3:15 pm	Discussion	
3:15 pm -	3:30 pm	Break	
3:30 pm -	5:10 pm	Successful Fellows and Harmonious Work-Life Balance	Moderator: Oscar De leon Cassasola, MD
3:30 pm -	3:50 pm	Assessment and Evaluation of Fellows	Gina Vota-Vellis, MD, PhD
3:50 pm -	4:10 pm	How to Successfully Manage Remediation of the Trainee	Rene Przkora, MD
4:10 pm -	4:30 pm	Diversity, Equity, and Inclusion	Amy Pearson, MD
4:30 pm -	4:50 pm	Trainee Wellbeing	Ryan D'Souza, MD
4:50 pm	5:10 pm	Discussion	
5:10 pm -	5:25 pm	Break	
5:25 pm -	6:45 pm	Teaching Techniques for the Educator	Moderator: Christopher Gilligan, MD
5:25 pm -	5:45 pm	Flipped Classrooms	Dalia Elmofty, MD
5:45 pm -	6:05 pm	Problem-Based Learning	Magda Antitescu, MD, PhD
6:05 pm -	6:25 pm	Simulation and Immersive Touch VR	Maged Guirguis, MD
6:25 pm -	6:45 pm	Discussion	
6:45 pm -	7:00 pm	Break	
7:00 pm -	9:00 pm	Fellows Course and Master Class Reception	





### Main Meeting Friday, November 10, 2023

6:15 am -	7:15 am	ASRA Pain Medicine Morning Fun Run		Meet in Hotel Lobby Well- ness
6:30 am -	7:45 am	Registration and Breakfast in Foyer		ness.
7:45 am -	8:15 am	Welcome and Opening Addresses		Mardi Gras Ballroom
7:45 am		Meeting Chair Welcome	Alexios Carayannopoulos, DO, MPH	
7:50 am		Presidential Address	David Provenzano, MD	
8:00 am		ASRA Pain Medicine/ ASA Advocacy Update	David Provenzano, MD/ Patrick Giam, MD, FASA	
		HS-01 Highlighted Speaker:		
8:15 am -	8:35 am	Predicting Pain	Frederike Petzschner, PhD	Mardi Gras Ballroom
		RC-01 Refresher Course:	Moderator:	
8:35 am -	10:00 am	Precision Pain Medicine: Imaging, Biomarkers, Cognition	Frederike Petzschner, PhD	Mardi Gras Ballroom
3:35 am		Best of Meeting Abstract #4923: Lines Of Therapy For Post-		LGBT
		Operative Analgesia In Children: A National Ehr Analysis		Diversity HA QIA+
3:40 am		Non-invasive Brain Imaging: Diagnose, Predict, Prevent, Treat	Carl Saab, PhD	
8:55 am		Social Determinants of Health: Challenges and Opportunities for Clinical Decision Making and Improving Treatment Precision	Heather Vincent, PhD	
9:10 am		Cognitive and Affective Neuroscience: Pain, Emotion, Stress	Andrea Chadwick, MD	
9:25 am		Nociplastic Pain & Other Variables Associated with Treatment Outcomes	Steven Cohen, MD	
9:40 am		Panel Discussion and Open Forum		
10:00 am -	10:15 am	Break and Refreshments in Foyer		
		HS-02 Highlighted Speaker:		
10:15 am -	10:35 am	Digital Technology and Virtual Reality for Lower Back Pain	Brennan Spiegel, MD, MSHS	Mardi Gras Ballroom
		RC-02 Refresher Course:	Moderator:	
10:35 am -	12:00 pm	Advancements in Spine Care	Alexios Carayannpoulos, DO, MPH	Mardi Gras Ballroom
10:35 am		Defining the Pain Source: Disc, Vertebra, Facet, Multifidus	Aaron Calodney, MD	Neu
10:50 am		What is the Role of Fusion Procedures in IPM?	Maxim Eckmann, MD	
11:05 am		Patient Outcomes for Lower Back Pain: Defining and Collecting	Anuj Bhatia, MD	
11:20 am 11:35 am		Palliative vs Restoration in Pain Management Panel Discussion and Open Forum	Alexios Carayannpoulos, DO, MPH	
	4.20	·		
<b>12:00 pm -</b> or	1:30 pm	Lunch On Own - Exhibit Hall Open		
12:15 pm -	1:15 pm	Problem-Based Learning Discussions (PBLD)		Galerie 5-6 1.00 credit
		Open to all, tickets \$90, lunch included, see list		1.00 credit
		HS-03 Highlighted Speaker:	Speaker:	
1:30 pm -	1:50 pm	Acute and Chronic Pain, Translational Opportunities	Apkar Apkarian, PhD	Mardi Gras Ballroom
		RC-03 Refresher Course:	Moderator:	
1:50 pm -	3:30 pm	New Science in Neuromodulation	Apkar Apkarian, PhD	Mardi Gras Ballroom
1:50 pm		SCS Personalization: Anatomy, Genetics, Modeling	Julie Pilitsis, MD, PhD, MBA	HA
2:05 pm		Incorporating Feedback: Adaptive Stimulation	Sayed Wahezi, MD	_
2:20 pm		Update on SCS for Non-Surgical LBP	Carlos Pino, MD	
2:35 pm		Augmented/Virtual Reality with Neuromodulation for Pain	Maged Guirguis, MD Robert	
2:50 pm		Forecasting the Future of Neuromodulation	Levy, MD, PhD	
3:05 pm		Panel Discussion and Open Forum		
	3:45 pm	Break and Refreshments in Fover		





3:45 pm -	5:30 pm	RC-04 Refresher Course: Controversies in Pain Medicine Pro-Con Debate	Moderator: Todd Sitzman, MD	Mardi Gras Ballroom
3:45 pm	<u> </u>	Best of Meeting Abstract #4594: Preoperative Magnetic Resonance Imaging Does Modify Spinal Cord Stimulator Trial Progression And Planning		1.75 credits
3:50 pm		President's Choice Abstract #4796: Understanding The Economic Losses Resulting From Opioid Overdose Deaths In The USA Between 2018-2020		Opioid &SUD
3:55 pm		Does SCS Reduce Opioid Use? Pro-Con Debate Neurolysis for Chronic Non-Malignant Pain: Past or Future?	Nick Knezevic, MD (pro) vs. Christine Hunt, DO (con) Andrzej Krol, MD (future) vs. Oscar de Leon-	
4:10 pm 4:25 pm		Is the SCS Trial Needed Anymore?: Pro-Con Debate	Casasola, MD (past) Samer Narouze, MD, PhD (pro) vs. Lynn Kohan, MD (con)	
4:40 pm 4:55 pm		Do We Need Guidelines for IPM Steroid Dosing? CDC's Opioid Guidelines: Improving or Limiting Access?	Honorio Benzon, MD (pro) vs. Tim Deer, MD (con) Eugene Viscusi, MD (improving) vs. Amy Pearson, MD (limiting)	
5:10 pm		Panel Discussion and Open Forum		
5:30 pm -	7:00 pm	Welcome Networking Reception and Exhibit Hall Grand Opening		Exhibit Hall
		Free to all attendees, guest tickets \$30; 21 and over only		
7:00 pm -	8:00 pm	Special Event Resident/Fellow and Pain Program Directors Meet and Greet		5th Floor, Pool Deck
		Complimentary to Residents/Fellows and Fellowship Directors		





### Main Meeting Saturday, November 11, 2023

		Non-CME Ancillary Event by SPR Therapeutics (breakfast		
6:30 am -	7:30 am	included)		Mardi Gras Ballroom
7:00 am	8:00 am	Getting Started		
		Registration		
		Breakfast, Exhibition, ePosters, ASRA Pain Medicine Chat Room		
		HS-04 Highlighted Speaker:	Speaker:	
8:00 am -	8:20 am	Optimizing Human Performance	Mike Joyner, MD	Mardi Gras Ballroom
		PS-01a Parallel Session:	Moderator:	
8:20 am -	10:00 am	Health and Vitality in Chronic Pain	Mike Joyner, MD	Mardi Gras Ballroom
8:20 am		Best of Patient Safety Award Abstract #4943: Comparison Of		FMd HA
		Occupational Radiation Exposure In Interventional Pain Medicine		
0.05		Physician Wearing Chest Versus Ring Dosimeters		
8:25 am		Sleep, Performance, and Pain	Cheri D. Mah, MD, MS	
8:40 am		Exercise Impact on Musculoskeletal Pain	Heather Vincent, PhD	
8:55 am		Obesity and Pain	Samer Narouze, MD, PhD	
9:10 am		Nutrition: Chronic Pain and the Gut Microbiome	Christine Hunt, DO	
9:25 am		Panel Discussion and Open Forum		
		PS-01b Parallel Session:	Moderator:	
8:00 am -	10:00 am	Transitional Pain Management	Andrea Chadwick, MD	Galerie 1-3
0.00 am -	10.00 am			Galerie 1-3
		President's Choice Abstract #4598: Insights On The Operational		&SUD
		And Financial Considerations Of Implementing A Transitional Pain		
8:00 am -		Service		
		President's Choice Abstract #4607: Percutaneous PNS Relieves		
		Persistent Postoperative Pain And Improves Function After TKA:		
8:05 am		Results From A Placebo-Controlled Rct		
8:10 am		Pathogenesis of Chronic Post-Surgical Pain	Hesham Elsharkawy, MD	
8:25 am		Persistent Opioid Use and Opioid Stewardship	Stephanie Vanterpool, MD	
8:40 am		Multidisciplinary, Multimodal Care	Hariharan Shankar, MD	
8:55 am		IPM for Transitions of Care	Richard Rosenquist, MD	
9:10 am		Pre/Peri/Post-operative Pain Management	Sandra Kopp, MD	
9:25 am		Subject-Specific Pain Biomarkers in the Brain	Carl Saab, PhD	
9:40 am		Panel Discussion and Open Forum		
10:00 am -	10:30 am	Break in Exhibit Hall		Exhibit Hall
		Refreshments, Exhibition, ePosters, ASRA Pain Medicine Chat		
		Room		
		PA, Nurse Practitioner, and Nursing Meet and Greet		
		PS-02a Parallel Session:	Moderator:	
10:30 am -	12:15 pm	Radiofrequency Ablation	Ameet Nagpal, MD	Mardi Gras Ballroom
		Best of Meeting and Resident/Fellow Travel Award Abstract		
		#4722: Multifidus Atrophy And/Or Dysfunction Following Lumbar		
10:30 am		Radiofrequency Ablation: A Systematic Review		
		Resident/Fellow Travel Award Abstract #4985: Impact Of High		
		Spinal Anesthesia In Pediatric Congenital Heart Surgery On Fast-		
10:35 am		Track Recovery		
10:40 am		Locating the Target Nerve: Anatomical Considerations	Philip Peng, MD	
10:55 am		Cervical and Lumbar Spine Ablative Techniques	Lynn Kohan, MD	
11:10 am		SI and Knee Joint Ablative Techniques	Steven Cohen, MD	
11:25 am		Future Lesioning Techniques: Lesion Modulation and HIFU	Amit Gulati, MD	
11:40 am		Rehabilitation to Enhance Percutaneous Spine Intervention	Thomas Buchheit, MD	
11:55 am		Panel Discussion and Open Forum		



		DC 02h Devellet Seccion	Ma da nata ni	
40.20	42.45	PS-02b Parallel Session:	Moderator:	Coloria 1.2
10:30 am -	12:15 pm	Management of Chronic Musculoskeletal Pain	Chong Kim, MD	Galerie 1-3
10.20 am		President's Choice Abstract #4665: Characterizing Types Of Pain		1 75 aredite
10:30 am		And Management In The Emergency Department Setting		1.75 credits
		President's Choice Abstract #4710: Clinically Meaningful Radicular		FMd Neu
		Leg Pain Management Via Novel Dexamethasone Extended-		
10:35 am		Release Microsuspension (Sx600)–Ph1/2 Results		
10:40 am		Tendinitis vs Tendinosis: Is Inflammation Good or Bad?	Sayed Wahezi, MD	
10:55 am		Integrative Approach to MSK Pain	Heather Vincent, PhD	
11:10 am		Platelet Rich Plasma, Prolotherapy	Dmitri Souza, MD, PhD	
11:25 am		Brain Mechanisms of Transition from Acute to Chronic Pain	Apkar Apkarian, PhD	
11:40 am		Is Regerative Medicine the Solution to Chronic MSK Pain?	Aaron Calodney, MD	
11:55 am		Panel Discussion and Open Forum		
12:15 pm -	1:45 pm	Lunch On Own		
or				
12:45 pm -	1:30 pm	Non-CME Ancillary Event by Medtronic (lunch included)		Mardi Gras Ballroom
or	-			
12:45 pm -	1:30 pm	Non-CME Ancillary Event by Legally Mine (lunch included)		Galerie 1-3
		PS-03a Parallel Session:	Moderator:	
2:00 pm -	3:30 pm	Navigating Chronic Cancer Pain	Magdalena Anitescu, MD, PhD	Mardi Gras Ballroom
2.00 pm	0.00 pm		Magaalona / Micocoa, MD, THD	
2.00 pm		President's Choice Abstract #4519: Sentiment Analysis Of Pain		Cancer 1.50 credits
2:00 pm		Physician Reviews On Healthgrades, A Physician Review Website		T.50 credits
		President's Choice Abstract #4541: Comparing Spinal Cord		
0.05		Stimulation And Conventional Medical Management In Patients		
2:05 pm		With No Prior Back Surgery (Solis Rct)		
2:10 pm		Interventions for Chronic Cancer Pain	Magdalena Anitescu, MD, PhD	
2:25 pm		Pain Conditions with Immunotherapy & Chemotherapy	Oscar de Leon-Casasola, MD	
2:40 pm		Helping the Cancer Survivor in Pain: Pre-habilitation, Rehab	Vasudha Goel, MBBS	
		Multidisciplinary Collaborations for Cancer Pain: Pitfalls,		
2:55 pm		Challenges and Paradigm Changes	Amitabh Gulati, MD	
3:10 pm		Panel Discussion and Open Forum		
		PS-03b Parallel Session:	Moderator:	
2:00 pm -	3:30 pm	Neuromodulation Symposium: Electricity and Engineering	Carl Saab, PhD	Galerie 1-3
2.00 pm -	5.50 pm	Resident/Fellow Travel Award Abstract #4739: Variables	Call Gaab, ThD	Galerie 1-5
2:00 pm		Associated With Nonresponders To High-Frequency (10Khz) Spinal Cord Stimulation		1 EQ aradita
2:00 pm		-		1.50 credits
2:05 pm		Peripheral Nerve Stimulation and Neural Regeneration	Corey Hunter, MD	
2:20 pm		Energy Delivery: Electricity as a Pharmaceutical	David Provenzano, MD	
2:35 pm		SalvageTherapy Techniques to Rescue SCS Analgesia	Ryan D' Souza, MD	
2:50 pm		Individual Variation to Neuromodulation	Harsha Shanthanna	
3:05 pm		Panel Discussion and Open Forum		
3:30 pm -	4:30 pm	Break in Exhibit Hall		Exhibit Hall
0.00 pm -	4.00 pm	Refreshments, Exhibition, ePosters, ASRA Pain Medicine Chat		
		Room		
		New Member Meet and Greet		
		Special Event	Moderator:	
4:30 pm -	5:15 pm	Excellence in ASRA Pain Medicine Awards and Recognition	David Provenzano, MD	Mardi Gras Ballroom
· · · ·	5.15 pm		•	
4:30 pm		Research Update and Presentation of Best of Awards	Gina Votta-Velis, MD, PhD	
4:45 pm		Presidential Scholar Award Presentation	David Provenzano, MD to Andrea Chadwick, MD	
4:50 pm		FASRA Recipients Presentation	Gina Votta-Velis, MD, PhD	
4:55 pm		ASA Update	Patrick Giam, MD, FASA	
5:10 pm		Introduction to John J. Bonica Awardee	Steven Cohen, MD	



5:15 pm -	6:15 pm	HS-05 Highlighted Speaker: John J. Bonica Lecture	Moderators: Steven Cohen, MD	Mardi Gras Ballroom
5:15 pm		Natural Products as Probes of the Pain Pathway: A Mechanistic	David Julius, PhD	
		Approach to Discovering New Therapeutic Targets		FMd Global HA
6:00 pm		Panel Discussion and Open Forum		
		Special Event		Riverview Ballroom
6:15 pm -	8:00pm	ASRA Pain Medicine Annual Meeting Celebration - New Orleans Style	!	41st Floor
		\$50 members, \$75 non-members		





# **PBLDs** (lunch included) Friday, November 10, 2023, 12:15-1:15 pm (open to all, \$90 additional fee, includes lunch)

	1.00 credit each	Galerie 5-6
PBLD-01	Cancer Pain: IPM Considerations	Sandy Christiansen, MD
PBLD-02	How to Optimize Publication Potential in a Premier Pain Journal	Christopher Gilligan, MD, MBA
PBLD-03	Optimizing Physician Performance	Mike Joyner, MD
PBLD-05	Cannabis in Acute and Chronic Pain	Samer Narouze, MD, PhD Cannadis HA
PBLD-07	Consulting with Industry and Managing COI	Michael Hanes, MD
PBLD-08	Women's Leadership: Pathways and Tools	Julie Pilitsis, MD, PhD, MBA
PBLD-10	Using Social Media to Enhance Your Reputation and Practice	Amy Pearson, MD
PBLD-11	Pearls of Managing Abdominal and Pelvic Pain in Women and Men	Jennifer Hah, MD
PBLD-12	Updates in IPM for Headache to Optimize Outcomes	Tina Doshi, MD
PBLD-13	Nutrition and Chronic Low Back Pain	Christy Hunt, DO FMd
PBLD-14	Sleep Optimization and Pain Management	Cheri Mah, MD, MS FMd
PBLD-15	Optimizing RFA Techniques	Ameet Nagpal, MD





#### Workshops Friday, November 10, 2023 (additional fee, physicians only)

8:15 am -12:00 pm Morning Workshop Coordinator Amy Pearson, MD WS-01 Fluoroscopy Workshop (cadaver) Spine Track: Basic Neuromodulation - SCS - Cervical and Lead: Thoracolumbar (\$345) 8:15 am -9:45 am Anuj Bhatia, MD Studio 2-4 Associate Faculty: 1.50 credits Faculty Stephanie Vanterpool, MD Hemant Kalia, MD Maged Giurguis, MD Pranab Kumar, MD WS-02 Fluoroscopy Workshop (cadaver) Cancer Track: Sympathetic Blocks and Neurolysis (Celiac, Splanchnic, Lead: Superior Hypogastric, Ganglion Impar) (\$345) 8:15 am -9:45 am Sandy Christiansen, MD Studio 7-9 Faculty: Associate Faculty: 1.50 credits Shalini Shah, MD Vinita Singh, MD Amit Gulati, MD Ehtesham Baig, MD Ken Candido, MD WS-03 Hands On Ultrasound Workshop (live model) Ablative Techniques for Pain: Cryotherapy, Phenol, OnabotulinumtoxinA Lead: 10:00 am - 12:00 pm (\$265) Dmitri Souza, MD, PhD Studio 2-4 Faculty Associate Faculty: 2.00 credits Chong Kim, MD Paul Tumber, MD Amit Gulati, MD Hariharan Shankar, MD Alexandar Feoktistov, MD WS-04 Interactive Special Workshop High Fidelity Simulation: Managing Adverse Events In Intervention Pain I ead Medicine (\$265) 10:00 am - 12:00 pm Lynn Kohan, MD Studio 7-9 Associate Faculty: 2.00 credits Faculty: Magdalena Anitescu, MD PhD Maged Giurguis, MD Ariana Nelson, MD Cynthia Shum, DNP Sandra Kopp, MD Ehren Nelson, MD 1:30 pm - 5:15 pm Afternoon Workshop Coordinator Dalia Elmofty, MD WS-05 Hands-On Ultrasound Workshop (live model) and Fluoroscopy (cadaver) Workshop Head and Neck Track: Supra-orbital, Supra-trochlear, Occipital, and Stellate Ganglion Blocks, US-guided V2 block, Cervical Nerve Root Block, Trigeminal (Mandibulary/Maxillary Branches) and Sphenopalatine Lead: Blocks (\$265) 1:30 pm -3:30 pm Dmitri Souza, MD Studio 2-4 Associate Faculty: Faculty 2.00 credits Meredith Barad, MD Ehtesham Baig, MD Alexandar Feoktistov, MD HA Andrzei Krol, MD Leena Mathew, MD Philip Peng, MBBS WS-06 Fluoroscopy Workshop (cadaver) Spine Track: Cervical Epidural, Facet Joint, Medial Branch Blocks and Lead: RFA (\$345) 1:30 pm - 3:30 pm Richard Rosenquist, MD Studio 7-9 Faculty: Associate Faculty: 2.00 credits Tina Doshi, MD Pranab Kumar, MD Vasudha Goel, MBBS Ariana Nelson, MD



3:45 pm -	5:15 pm	WS-07 Fluoroscopy Workshop (cadaver) Spine Track: Thoracolumbar Injections and RFA (\$345)	Lead: Mag Mina, MD		Studio 2-4
		Thoracic and Lumbar Intra-articular, Medial Branch Blocks and RFA	Faculty:	Associate Faculty:	1.50 credits
		Thoracolumbar and Caudal Epidural Injections	Anuj Bhatia, MD		
			Carlos Pino, MD		
			Vasudha Goel, MBBS		
		WS-08 Eluoroscopy Workshop (cadaver)			

WS-08 Fluoroscopy Workshop (cadaver) Joints Track: Sacroiliac Joint Procedures: Intra-articular Injections, RFA Lead:

Lead:		
Brian Bruel, MD		Studio 7-9
Faculty:	Associate Faculty:	1.50 credits
Sayed Wahezi, MD		
Aaron Calodney, MD		
Ariana Nelson, MD		
	Brian Bruel, MD Faculty: Sayed Wahezi, MD Aaron Calodney, MD	Brian Bruel, MD Faculty: Associate Faculty: Sayed Wahezi, MD Aaron Calodney, MD





# Workshops Saturday, November 11, 2023 (additional fee, physicians only)

8:00 am -	12:30 pm	Morning Workshop Coordinator	Anuj Bhatia, MD		
		WS-09 Fluoroscopy & Ultrasound Workshop (cadaver, live model) Peripheral Nerve Track: PNS Stimulation and Ultrasound Neurography	Lead:		
8:00 am -	10:00 am	(\$265)	Amit Gulati, MD		Studio 2-4
		Upper Extremity, Lower Extremity, Trunk, Back	Faculty:	Associate Faculty:	2.00 credits
		Occipital and Supra Orbital Nerve Stim	Ryan D'Souza, MD	Paul Tumber, MD	
		Suprascapular Nerve, Ilioinguinal Nerve, Genitofemoral Nerve, Piriformis,	Jennifer Hah, MD		
		Pudendal	Dalia Elmofty, MD		
		WS-10 Fluoroscopy Workshop (cadaver)			
		Spine Track: Basivertebral Nerve RFA, Radiofrequency Annuloplasty,	Lead:		
8:00 am -	10:00 am	Intradiscal Orthobiologics (\$345)	Aaron Calodney, MD		Studio 7-9
			Faculty:	Associate Faculty:	2.00 credits
			Maunak Rana, MD	Usman Latif, MD	
			Tina Doshi, MD		Neu
			Sandeep Amin, MD		
		WS-11 Hands-On Fluoroscopy & Ultrasound Workshop (cadaver, live model) Joints Track: Intra-articular Injections and RFA Denervation (Hip, Knee,	Lead:		
10:30 am -	12:30 pm	and Shoulder) (\$265)	Carlos Pino, MD		Studio 2-4
			Faculty:	Associate Faculty:	2.00 credits
			Maxim Eckmann, MD	Paul Tumber, MD	
			Sandeep Amin, MD	,	
			Jennifer Hah, MD		
		WS-12 Hands-On Fluoroscopy & Ultrasound Workshop (cadaver, live model)			
40.20 am	10.20	Regenerative Medicine Track: Viscosupplementation, Stem Cells,	Lead: Meunak Bana, MD		Studio 7-9
10.30 aiii -	12.30 pm	Platelet-Rich Plasma, Prolotherapy (\$265)	Maunak Rana, MD Faculty:	Associate Faculty:	2.00 credits
			Ken Candido, MD	Nathan Harrison, MD	2.00 0100110
			Rakhi Dayal, MD		Neu
			Christine Hunt, DO		_
			,		
1:30 pm -	6:00 pm	Afternoon Workshop Coordinator	Tina Doshi, MD		
		WS-13 Fluoroscopy Workshop (cadaver)			
		Spine & Cancer Track: Thoracic / Lumbar Vertebral Augmentation,	Lead:		
			Load.		
1:45 pm -	3:45 pm	Vertebral Body Radiofrequency Ablation (\$345)	Michael Hanes, MD		Studio 2-4
1:45 pm -	3:45 pm	Vertebral Body Radiofrequency Ablation (\$345)	Michael Hanes, MD Faculty:	Associate Faculty:	Studio 2-4 2.00 credits
1:45 pm -	3:45 pm	Vertebral Body Radiofrequency Ablation (\$345)	Faculty:	Associate Faculty: Vinita Singh, MD	
1:45 pm -	3:45 pm	Vertebral Body Radiofrequency Ablation (\$345)		Associate Faculty: Vinita Singh, MD	
1:45 pm -	3:45 pm		Faculty: Ken Candido, MD	•	
1:45 pm -	3:45 pm	WS-15 Fluoroscopy Workshop (cadaver)	Faculty: Ken Candido, MD Leo Kapural, MD	•	
		WS-15 Fluoroscopy Workshop (cadaver) Spine Track: Advanced Neuromodulation - DRG, SNS, Multifidus	Faculty: Ken Candido, MD Leo Kapural, MD Lead:	•	2.00 credite
	3:45 pm 6:15 pm	WS-15 Fluoroscopy Workshop (cadaver) Spine Track: Advanced Neuromodulation - DRG, SNS, Multifidus Stimulation (\$345)	Faculty: Ken Candido, MD Leo Kapural, MD Lead: Ryan D' Souza, MD	Vinita Singh, MD	2.00 credits Studio 2-4
		WS-15 Fluoroscopy Workshop (cadaver) Spine Track: Advanced Neuromodulation - DRG, SNS, Multifidus Stimulation (\$345) Dorsal Root Ganglion Trial	Faculty: Ken Candido, MD Leo Kapural, MD Lead: Ryan D' Souza, MD Faculty:	Vinita Singh, MD Associate Faculty:	2.00 credits Studio 2-4
		WS-15 Fluoroscopy Workshop (cadaver) Spine Track: Advanced Neuromodulation - DRG, SNS, Multifidus Stimulation (\$345)	Faculty: Ken Candido, MD Leo Kapural, MD Lead: Ryan D' Souza, MD	Vinita Singh, MD Associate Faculty: Hemant Kalia, MD	2.00 credits Studio 2-4
		WS-15 Fluoroscopy Workshop (cadaver) Spine Track: Advanced Neuromodulation - DRG, SNS, Multifidus Stimulation (\$345) Dorsal Root Ganglion Trial	Faculty: Ken Candido, MD Leo Kapural, MD Lead: Ryan D' Souza, MD Faculty:	Vinita Singh, MD Associate Faculty:	2.00 credit
		WS-15 Fluoroscopy Workshop (cadaver) Spine Track: Advanced Neuromodulation - DRG, SNS, Multifidus Stimulation (\$345) Dorsal Root Ganglion Trial	Faculty: Ken Candido, MD Leo Kapural, MD Lead: Ryan D' Souza, MD Faculty:	Vinita Singh, MD Associate Faculty: Hemant Kalia, MD	2.00 credits Studio 2-4
4:15 pm -		WS-15 Fluoroscopy Workshop (cadaver) Spine Track: Advanced Neuromodulation - DRG, SNS, Multifidus Stimulation (\$345) Dorsal Root Ganglion Trial SCS Troubleshooting Station	Faculty: Ken Candido, MD Leo Kapural, MD Lead: Ryan D' Souza, MD Faculty: Rene Pzkora, MD	Vinita Singh, MD Associate Faculty: Hemant Kalia, MD	2.00 credits Studio 2-4 2.00 credits
1:45 pm - 4:15 pm -	6:15 pm	WS-15 Fluoroscopy Workshop (cadaver) Spine Track: Advanced Neuromodulation - DRG, SNS, Multifidus Stimulation (\$345) Dorsal Root Ganglion Trial SCS Troubleshooting Station WS-16 Fluoroscopy Workshop (cadaver)	Faculty: Ken Candido, MD Leo Kapural, MD Lead: Ryan D' Souza, MD Faculty: Rene Pzkora, MD Lead:	Vinita Singh, MD Associate Faculty: Hemant Kalia, MD	2.00 credits





#### Ask the Experts Interactive Sessions Saturday, November 11, 2023 (open to all attendees, seats are limited)

8:00 am -	9:45 am	IS-01 Ask the Experts Interactive Session Practice Management: Remuneration Self-Payment Plans Future of Telehealth: Visits, Payment, and Remote Monitoring	Moderator: Jay Grider, MD Corey Hunter, MD Kevin Vorenkamp, MD	Galelrie 5-6 1.75 credits
		Pre-Authorization: How to Guarantee Payment Proving Your Worth: Patient-Generated Health Data, Outcome Tools, Registries Lean Six Sigma and the Future of Quality Improvement for Pain Management Panel Discussion and Open Forum	Shalini Shah, MD Jay Grider, MD Trent Emerick, MD	
_10:30 am -	12:15 pm	IS-02 Ask the Experts Interactive Session Expanding Interventional Pain: Technical Advancements, Evidence, Education and Credentialing	Moderator: Rene Przkora, MD	Galelrie 5-6
		Interspinous Spacers SI Fusion Decompression Procedures Education and Credntialing for Advanced Procedures Panel Discussion and Open Forum	Todd Sitzman, MD Maged Guirgus, MD Magdalena Anitescu, MD Richard Rosenquist, MD	1.75 Credits
2:00 pm -	3:45 pm	IS-03 Ask the Experts Interactive Session Regenerative Medicine/Biologics	Moderator: Christine Hunt, DO	Galelrie 5-6
		Pathophysiology and Applicability in Pain Medicine Evidence Review, Clinical Trials, Outcomes Platelet Rich Plasma Injections vs Cell Based Therapies NSAIDs Integration into Practice: Clinical, Financial, and Regulatory Considerations Panel Discussion and Open Forum	Philip Peng, MBBS Dmitri Souza, MD, PhD Nick Knezevic, MD Eugene Viscusi, MD Thomas Buchheit, MD	1.75 credits Neu





### PA / Nurse Practitioner / Nursing Program Friday, November 10, 2023

8:35 am -	9:45 am	PA-01 PA / Nurse Practitioner / Nursing Program Pain and the PA/NP/RN	Moderator: Heather Jackson, PhD, APRN	Galerie 1-3
8:35 am		Performing a Comprehensive Pain Assessment	Maunk Rana, MD	NP-PA
8:55 am		Multidisciplinary Pain Management: An Evidenced Based Team Approach	Jennifer Hah, MD	
9:15 am		Diagnostic Tools for the Pain Provider	Ameet Nagpal, MD	
9:35 am		Panel Discussion and Open Forum		
		PA-02 PA / Nurse Practitioner / Nursing Program	Moderator:	
10:00 am -	12:00 pm	Multimodal Analgesic Options for the Pain APP/RN	Jennifer Grimmer, DNP, APRN	Galerie 1-3
10:00 am		Non-Opioid Adjuvant Medication Updates	Jay Grider, DO, PhD	NP-PA
10:15 am		An Update on Opioids	Jay Grider, DO, PhD	
10:30 am		The Role of Pain Rehabilitation: OT, PT, Aquatherapy	Brian Bruel, MD	
10:45 am		Complementary Treatments for Chronic Pain Management	Heather Jackson, PhD, APRN	
11:00 am		Outpatient Procedures Review and Indications For Chronic Pain	Zohra Hussaini, MSN, MBA, ARNP	
11:15 am		Interventional Procedures for the Pain APP	Kim Bayless, DNP, APRN	
11:30 am		Panel Discussion and Open Forum	· · · · · · · · · · · · · · · · · · ·	
		PA-03 PA / Nurse Practitioner / Nursing Program	Moderator:	
1:30 pm -	3:30 pm	Stop Reinventing the Wheel: Listen to the Experts!	Martha Bentley-McLachlan, BSN	Galerie 1-3
	•		•	
1:30 pm				NP_PA
1.50 pm		Next Steps When Conservative and Surgical Measures Fail	Theresa Mallick-Searle, MS, ARNP	NP-PA
1:50 pm		Next Steps When Conservative and Surgical Measures Fail How to Manage Chronic Persistent Post-operative Pain	Theresa Mallick-Searle, MS, ARNP Hesham Elsharkawy, MD	NP-PA
•				NP-PA
1:50 pm 2:10 pm		How to Manage Chronic Persistent Post-operative Pain Navigating Difficult Conversations in Pain Management	Hesham Elsharkawy, MD Jennifer Grimmer, DNP, APRN	NP-PA
1:50 pm		How to Manage Chronic Persistent Post-operative Pain Navigating Difficult Conversations in Pain Management Patient Centered Care: Motivational Interviewing	Hesham Elsharkawy, MD Jennifer Grimmer, DNP, APRN Theresa Mallick-Searle, MS, ARNP	NP-PA
1:50 pm 2:10 pm		How to Manage Chronic Persistent Post-operative Pain Navigating Difficult Conversations in Pain Management Patient Centered Care: Motivational Interviewing How to Make the Most of Your Work While Maintaining Compliance	Hesham Elsharkawy, MD Jennifer Grimmer, DNP, APRN Theresa Mallick-Searle, MS, ARNP	NP-PA
1:50 pm 2:10 pm		How to Manage Chronic Persistent Post-operative Pain Navigating Difficult Conversations in Pain Management Patient Centered Care: Motivational Interviewing	Hesham Elsharkawy, MD Jennifer Grimmer, DNP, APRN Theresa Mallick-Searle, MS, ARNP	NP-PA
1:50 pm 2:10 pm 2:30 pm		How to Manage Chronic Persistent Post-operative Pain Navigating Difficult Conversations in Pain Management Patient Centered Care: Motivational Interviewing How to Make the Most of Your Work While Maintaining Compliance	Hesham Elsharkawy, MD Jennifer Grimmer, DNP, APRN Theresa Mallick-Searle, MS, ARNP	NP-PA
1:50 pm 2:10 pm 2:30 pm 2:50 pm		How to Manage Chronic Persistent Post-operative Pain Navigating Difficult Conversations in Pain Management Patient Centered Care: Motivational Interviewing How to Make the Most of Your Work While Maintaining Compliance with Billing Panel Discussion and Open Forum	Hesham Elsharkawy, MD Jennifer Grimmer, DNP, APRN Theresa Mallick-Searle, MS, ARNP Amy Turner, RN, BSN	NP-PA
1:50 pm 2:10 pm 2:30 pm 2:50 pm 3:10 pm	5:15 nm	How to Manage Chronic Persistent Post-operative Pain Navigating Difficult Conversations in Pain Management Patient Centered Care: Motivational Interviewing How to Make the Most of Your Work While Maintaining Compliance with Billing Panel Discussion and Open Forum PA-04 PA / Nurse Practitioner / Nursing Program	Hesham Elsharkawy, MD Jennifer Grimmer, DNP, APRN Theresa Mallick-Searle, MS, ARNP Amy Turner, RN, BSN Moderator:	
1:50 pm 2:10 pm 2:30 pm 2:50 pm 3:10 pm <b>3:45 pm -</b>	5:15 pm	How to Manage Chronic Persistent Post-operative Pain Navigating Difficult Conversations in Pain Management Patient Centered Care: Motivational Interviewing How to Make the Most of Your Work While Maintaining Compliance with Billing Panel Discussion and Open Forum PA-04 PA / Nurse Practitioner / Nursing Program Enhancing Your Personal and Professional Progression	Hesham Elsharkawy, MD Jennifer Grimmer, DNP, APRN Theresa Mallick-Searle, MS, ARNP Amy Turner, RN, BSN Moderator: Zohra Hussaini, MSN, MBA, ARNP	Galerie 1-3
1:50 pm 2:10 pm 2:30 pm 2:50 pm 3:10 pm <u>3:45 pm -</u> 3:45 pm	5:15 pm	How to Manage Chronic Persistent Post-operative Pain Navigating Difficult Conversations in Pain Management Patient Centered Care: Motivational Interviewing How to Make the Most of Your Work While Maintaining Compliance with Billing Panel Discussion and Open Forum PA-04 PA / Nurse Practitioner / Nursing Program Enhancing Your Personal and Professional Progression Creating YOUR Professional Portfolio	Hesham Elsharkawy, MD Jennifer Grimmer, DNP, APRN Theresa Mallick-Searle, MS, ARNP Amy Turner, RN, BSN Moderator: Zohra Hussaini, MSN, MBA, ARNP Karen Hande, PhD, DNP	
1:50 pm 2:10 pm 2:30 pm 2:50 pm 3:10 pm <b>3:45 pm -</b>	5:15 pm	How to Manage Chronic Persistent Post-operative Pain Navigating Difficult Conversations in Pain Management Patient Centered Care: Motivational Interviewing How to Make the Most of Your Work While Maintaining Compliance with Billing Panel Discussion and Open Forum PA-04 PA / Nurse Practitioner / Nursing Program Enhancing Your Personal and Professional Progression	Hesham Elsharkawy, MD Jennifer Grimmer, DNP, APRN Theresa Mallick-Searle, MS, ARNP Amy Turner, RN, BSN Moderator: Zohra Hussaini, MSN, MBA, ARNP	Galerie 1-3





Moderated Poster Sessions								
		Balcony J		Balcony K				
Friday		Track A	Moderator	Track B	Moderator			
8:15 am -	9:45 am	MP-01a	Dalia Elmofty, MD	MP-01b	Trent Emerick, MD			
10:00 am -	12:00 pm	MP-02a	Sandeep Amin, MD	MP-02b	Leena Mathew, MD			
1:30 pm -	3:30 pm	MP-03a	Kenneth Candido, MD	MP-03b	Mag Mina, MD			
3:45 pm -	5:30 pm	MP-04a	Sandeep Amin, MD	MP-04b	Steven Cohen, MD			
Saturday		Track A	Moderator	Track B	Moderator			
8:00 am -	9:45 am	MP-05a	Vashuda Goel, MD	MP-05b	Nathan Harrison, MD			
10:30 am -	12:15 pm	MP-06a	Ehtesham Baig, MD	MP-06b	Sandy Christiansen, MD			
2:00 pm -	3:45 pm	MP-07a	Rakhi Dayal, MD	MP-07b	Trent Emerick, MD			
4:30 pm -	6:15 pm	MP-08a	Amy Pearson, MD	MP-08b	Hariharan Shankar, MD			

## **Exhibit Hall ePoster Facilitators**

(non-CME)

Friday			Facilitator Screens 1-2	Facilitator Screens 3-4	Facilitator Screens 5-6	Facilitator Screens 7-8
12:15 pm -	12:45 pm	EXP-01	Andrea Chadwick, MD	Magdalena Anitescu, MD, PhD	Kim Bayless, DNP, APRN	Carlos Pino, MD
12:45 pm -	1:15 pm	EXP-02	Nathan Harrison, MD	Gary Schwartz, MD	Hariharan Shankar, MD	Hariharan Shankar, MD
5:30 pm -	6:00 pm	EXP-03	Honorio Benzon, MD	Meredith Barad, MD	Brian Bruel, MD	Sandra Kopp, MD
6:00 pm -	6:30 pm	EXP-04	Aaron Calodney, MD	Oscar de Leon-Casasola, MD	Tim Deer, MD	Gina Votta-Velis, MD, PhD
6:30 pm -	7:00 pm	EXP-05	Tina Doshi, MD	Maxim Eckmann, MD	Hesham Elsharkawy,MD	Christine Hunt, DO
Saturday			Facilitator Screens 1-2	Facilitator Screens 3-4	Facilitator Screens 5-6	Facilitator Screens 7-8
7:00 am -	7:30 am	EXP-06	Ryan D'Souza, MD	Christine Hunt, DO	Shalini Shah, MD	Thomas Buchheit, MD
7:30 am -	8:00 am	EXP-07	Chong Kim, MD	Carlos Pino, MD	Eugene Viscusi, MD	Honorio Benzon, MD
9:45 am -	10:30 am	EXP-08	Lynn Kohan, MD	Harsha Shanthanna, MD	Kevin Vorenkamp, MD	Honorio Benzon, MD
3:30 pm -	4:15 pm	EXP-09	Ameet Nagpal, MD	Carlos Pino, MD	Shalini Shah, MD	Richard Rosenquist, MD