



**The 5th Annual Meeting of the American Society of Pain and Neuroscience:
“Raising the Bar: Innovation and Collaboration to Improve Patient Care”**

Fontainebleau, Miami Beach, Florida

July 13-July 16, 2023

Planning Committee: Timothy R. Deer, MD, Dawood Sayed, MD, Jason E. Pope, MD, Erika A. Petersen, MD, Steven Falowski, MD, Kasra Amirdelfan, MD, Mark N. Malinowski, DO, David W. Lee, MD, Natalie H. Strand, MD, Rick Paicius, MD

Wednesday, July 12, 2023			
Time (EDT)	Location	Topic	Faculty
12:00-5:00P	Fleur de Lis	Relievant Private Lunch and Fellows Lab	Invitation Only
8:00A-12:00P	Sparkle Room	EXPO Set Up Early Check In for ASPN Lab attendees	
5:00P		Relievant Private Cocktail Reception	Invitation Only
12:00-5:00P	Sparkle Room	Exhibitor Set Up (Set Up Available Thursday as well)	
6:00-8:00P	Splash 9/10	Young Innovators Dinner <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	

Thursday, July 13, 2023			
Time (EDT)	Location	Topic	Faculty
8:00A-5:00P	Fontaine Ballroom	Fellow’s Demo Lab and Master’s Class	

7:00A	Luster Foyer	Registration and check in for Lab	
7:15-8:00A	Splash 9/10	Breakfast Symposium Sponsored by Platinum Sponsor Abbott <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	8:15
8:00A-5:00P	Sparkle Ballroom	Exhibitor Set up	
8:00A-5:00P		Lab <i>See lab agenda for rotation and session details</i>	Course Directors: Steven M. Falowski, MD and Jason E. Pope, MD
12:00-1:00P	Splash 11/12	Practicing Physicians Lunch Sponsored by Diamond Sponsor SPR Therapeutics <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	
12:00-1:00P	Splash 9/10	Fellows Lunch Sponsored By Diamond Sponsor SPR Therapeutics <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	
1:00-5:00P		Lab <i>See lab agenda for rotation and session details</i>	
5:00-6:00P	La Cote	Young Innovators Reception Sponsored by Diamond Sponsor Medtronic <i>*Not part of the CME program</i>	Welcome: Erika A. Petersen, MD
6:00-7:30P	Splash 17/18	P2P Program Presentations and Meet and Greet Sponsored by Surgicore <i>*Not part of the CME program</i>	



American Society of Pain and Neuroscience (ASPAN) Presents PAIN, 2023
 “Raising the Bar: Innovation and Collaboration to Treat Chronic Pain”
 Program Chairs:
 Timothy R. Deer, MD, Dawood Sayed, MD
 Fontainebleau, Miami Beach, Florida | July 13–July 16, 2023
Agenda

F r i d a y J u l y 1 4 2 0 2 3	Time (EDT)	Location	Topic	Speakers
	6:00-7:00A	Gym	ESSETRICS [®] Exercise Class	Alane B. Costanzo, MD
	7:00-7:45A	Luster Foyer	Registration Open	
	7:45A	Splash 9/10	Welcome to ASPAN PAIN 2023 “Raising the Bar: Innovation and Collaboration to Improve Patient Care.”	Timothy R. Deer, MD and Dawood Sayed, MD
	Main Session:			
	7:45-8:30A	Splash 9/10	Breakfast Symposium Sponsored by Gold Sponsor Nalu Medical <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	
	Day 1 Innovation in Spinal Therapeutics			
	Block 1: The Science Hour			
	8:30-9:20A	Fontaine/Fleur de Lis	Topics in Neuroscience: The Science Hour Biologics in the Treatment of CRPS	Moderators: Rick Paicius, MD, and Kathleen Meacham, MD, PhD Speakers: Jianguo Cheng, MD, PhD, Ru-Rong Ji, PhD, David W. Lee, MD
	9:20-9:25A	Fontaine/Fleur de Lis	Introduction of the Best Research and Abstracts of ASPAN 2023	Kasra Amirdelfan, MD
Block 2: Innovations in Minimally Invasive Spine				
Abstract Presenters Introduced by Session Moderators Pooja R. Chopra, MD and Ajay Antony, MD				
9:25-9:32A	Fontaine/Fleur de Lis	Abstract Presentation: 1	TBD	
9:33-9:40A	Fontaine/Fleur de Lis	Abstract Presentation: 2	TBD	

F r i d a y	9:40-9:55A	Fontaine/F leur de Lis	Panel: Advancements in Spine Surgery: Robotics, Minimally Invasive Approaches, and Beyond	Moderated by Michael J. Dorsi, MD, and Soriaya Motivala, MD Panelists: Namath Hussain, MD, Jad Khalil, MD, Gurtej Singh, MD, John Stevenson, MD, Daniel Denis, MD, MSc, FRCSC
	9:55-10:10A	Fontaine/F leur de Lis	Panel: A Debate on Lumbar Fusion Techniques: Indications, Data, Patient Selection	Moderated by Steven M. Falowski, MD, and Dawood Sayed, MD Panelists: Chad Stephens, DO, Soriaya Motivala, MD, Youssef Josephson, DO, Namath S. Hussain, MD, MBA, George M Galvan, MD, FAANS, Angel Boev, MD, FACS
	10:10-10:30A	Sparkle Ballroom	Break with Exhibits and Abstract Poster Viewing Sponsorship Available <i>*Not part of the CME program</i>	
J u l y	Block 3: Regenerative Medicine: Research Becomes Reality			
	Abstract Presenters Introduced by Session Moderators Daniel Denis, MD, MSc, FRCSC and Maged Guirguis, MD			
1 4	10:30-10:37A	Fontaine/F leur de Lis	Abstract Presentation: 3	TBD
	10:38-10:45A	Fontaine/F leur de Lis	Abstract Presentation: 4	TBD
2 0 2 3	10:45-11:10A	Fontaine/F leur de Lis	Panel: The Evidence for Cellular Intradiscal Therapies	Moderated by Dawn A. Sparks, DO, and Myrdalis Diaz-Ramirez, MD Panelists: Douglas P. Beall, MD, Sudhir Diwan, MD, Pankaj Mehta, MD, E. Jeffrey Donner, MD, Jonathan Carlson, MD, Anjum Bux, MD, Annu Navani, MD
	11:10-11:35A	Fontaine/F leur de Lis	Panel: Beyond Stem Cells	Moderated by Kasra Amirdelfan, MD and Nagy Mekhail, MD, PhD Panelists: Alane B. Costanzo, MD, Pierce D. Nunley, MD, Nomen Azeem, MD, FAAPMR, Jonathan Carlson, MD, Aaron K. Calodney, MD, FASA, FIPP, ABIPP
	11:35A-12:00 P	Fontaine/F leur de Lis	Panel: Regenerative Medicine for the Peripheral Joints	Moderated by John S. Michels, MD, and Vinita Singh, MD Panelists: Corey W. Hunter, MD, FIPP, Kenneth Candido, MD, Ali Valimahomed, MD, FAAPMR, Sudhir Diwan, MD, Stanley Golovac, MD
	12:00-1:00P	Splash 13-16	Lunch Symposium Sponsored by Platinum Sponsor Relievant <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	



American Society of Pain and Neuroscience (ASPAN) Presents PAIN, 2023
 “Raising the Bar: Innovation and Collaboration to Treat Chronic Pain”

Program Chairs:

Timothy R. Deer, MD, Dawood Sayed, MD

Fontainebleau, Miami Beach, Florida | July 13–July 16, 2023

Agenda

F r i d a y J u l y 1 4 2 0 2 3	12:00-1:00P	Splash 9/10	Lunch Symposium Sponsored by Platinum Sponsor Biotronik <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	
	12:00-1:00P	Splash 11/12	Lunch Symposium Sponsored by Platinum Sponsor Abbott <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	
	1:10-1:40P	Luster Foyer	Executive Perspectives on the Field of Interventional Pain, Spine, and Neuroscience <i>*Not part of the CME program</i>	Moderated by Dawood Sayed, MD, and Timothy Deer, MD
	General Session Block 4: New Frontiers in SI Joint Treatment Room Name: Fontaine/Fleur de Lis Abstract Presenters Introduced by Session Moderators Robert Levy, MD, PhD, and Salim M. Hayek, MD, PhD			Complicated Cases and Challenging Indications Room Name: Splash 17/18
	1:40-1:47P	Abstract Presentation: 5		Agenda TBD
	1:48-1:55P	Abstract Presentation: 6		
	1:55-2:10P	Panel: Post Concussion Injury in Sports Moderators: Erika Petersen, MD, and Peter S. Staats, MD, MBA Panelists: John S. Michels, MD, Johnathan Goree, MD, Matthew Antonucci, DC		
	2:10-2:25P	Panel: How to Choose a Sacroiliac Fusion System: What Role Does Data Play? Moderated by Derron K. Wilson, MD, FIPP, and Rebecca Sanders, MD Panelists: Patrick Buchanan, MD, Denis G. Patterson, DO, Jeffrey S. Henn, MD, Youssef Josephson, DO, Jordan Lee Tate, MD, MPH, Chris Bovinet, DO, FAAPMR, E. Jeffrey Donner, MD		Challenging Cases in Pain and Neuroscience Moderated by Matt Rupert, MD, MS, FIPP Panelists: Adnan Al-Kaisy, MB ChB, MB ChB, FRCA, FPMRCA, FIPP, Paul Verrills, MD, Prof. Jean-Pierre Van Buyten, MD, PhD, George M Galvan, MD, FAANS, Jennifer Hah, MD

F
r
i
d
a
y

 J
u
l
y

 1
4

 2
0
2
3

2:25-2:40P	Panel: Review of Data on Sacroiliac Joint Complex RFN: Which Techniques Are the Most Effective? Moderated by Reda M. Tolba, MD, and Chau M. Vu, MD Panelists: David W. Lee, MD, Michael Verdolin, MD, Stephanie Vanterpool, MD, MBA, Henry Vucetic, MD, Ashley Bailey-Classen, DO, George E. Girardi, MD	Neuromodulation for Head and Facial Pain Moderated by Prof. Jean-Pierre Van Buyten, MD, PhD Panelists: Adnan Al-Kaisy, MB ChB, MB ChB, FRCA, FPMRCA, FIPP, Konstantin Slavin, MD, FAANS, Paul Verrills, MD, Reda M. Tolba, MD, Whitney James, MD, MHS, Matt Rupert, MD, MS, FIPP
------------	--	--

2:40-3:00P	Sparkle Ballroom	Break with Exhibits and Abstract Poster Viewing: Sponsorship Available <i>*Not part of the CME program</i>
------------	------------------	--

Block 5: Vertebral Augmentation, Neuroablation, and Spinal Stenosis

Session Moderators Harold Cordner, MD, and Eric T. Lee, MD

3:00-3:15P	Fontaine/Fleur de Lis	Panel: Who is Driving the New CLBP Paradigm? Interdisciplinary Perspectives on Vertebrogenic Pain	Moderated by Ramana K. Naidu, MD, and Greg Moore, MD Panelists: Kiran V. Patel, MD, Anthony Giuffrida, MD, Josh Hirsch, MD, Morad Nasser, MD, Jad Khalil, MD, Aileen Padilla, MD, Melissa Murphy, MD, MPH, Brian Durkin, DO
3:15-3:30P	Fontaine/Fleur de Lis	Panel: Current State of the Evidence in Ablative and Augmentative Therapies	Moderated by Vinita Singh, MD, and Peter S. Staats, MD, MBA Panelists: Harry P. Sukumaran, MD, John S. Michels, MD, Edward S. Yoon, MD, Josh Hirsch, MD, Karina Gritsenko, MD, Brian Durkin, DO
3:30-3:45P	Fontaine/Fleur de Lis	Panel: Alternative RFA Techniques for Back Pain	Moderated by Jay S. Grider, DO, PhD, MBA, and Helen M. Blake, MD, MBA Panelists: Maged Guirguis, MD, Christopher K. Kim, MD, Christopher M. Lam, MD, Tory L. McLunkin, MD, Anne T. Christopher, MD, Maxim Eckmann, MD
3:45-4:00P	Fontaine/Fleur de Lis	Panel: Next Generation of Vertebral Augmentation	Moderated by Ryan D'Souza, MD, and Shravani Durbhakula, MD, MPH, MBA Panelists: Douglas P. Beall, MD, Daniel Nguyen, MD, Edward S. Yoon, MD, Greg Moore, MD, Matthew T. Ranson, MD, Rany T. Abdallah, MD, PhD, MBA
4:00-4:15P	Fontaine/Fleur de Lis	Panel: Axial Spine Pain: Vertebrogenic, Discogenic and Posterior Spine Pain: Making the Right Diagnosis and Preventing Failed Implants or Techniques?	Moderated by David Lee, MD, and Mark N. Malinowski, DO Panelists: Navdeep Jassal, MD; Ajay Antony, MD; Alexios Carayannopoulos, DO, MPH, David Dickerson, MD, Matthew T. Ranson, MD, Daniel Pak, MD, Michael J. Dorsi, MD



American Society of Pain and Neuroscience (ASPAN) Presents PAIN, 2023
 “Raising the Bar: Innovation and Collaboration to Treat Chronic Pain”

Program Chairs:

Timothy R. Deer, MD, Dawood Sayed, MD

Fontainebleau, Miami Beach, Florida | July 13–July 16, 2023

Agenda

F r i d a y J u l y 1 4 2 0 2 3	4:15-4:30P	Fontaine/Fleur de Lis	Panel: Advancements in Minimally Invasive Techniques for Spinal Stenosis	Moderated by Miles Day, MD, and Sudhir Diwan, MD Panelists: Peter G. Pryzbylkowski, MD, Kevin Cairns, MD, MPH, Harold Cordner, MD, Mark Coleman, MD, Denis G. Patterson, DO, Alexander Escobar, MD, Myrdalis Diaz-Ramirez, MD, Aileen Padilla, DO, Robert Levy, MD, PhD
	4:30-4:45P		Panel: Therapeutic Approaches to Cancer Pain	Moderated by Rudy Malayil, MD, and Vinay Puttanniah, MD Panelists: Amitabh Gulati, MD, Monika Y. Patel, MD, Edward Podgorski, MD, Hemant Kalia, MD, MPH, Kris Ferguson, MD, Sandy Christiansen, MD
	4:45-5:00P	Fontaine/Fleur de Lis	Closing Remarks: RACE PROMO - Guest Speaker TBD <i>*Not part of the CME program</i>	Timothy Deer, MD
	5:00-6:00P	Sea Green Lawn	ASPAN Annual 5k Walk and Run for Charity Beneficiaries: Challenged Athletes, IronAID <i>Team Competition and Individual Awards for Men and Women's divisions.</i> Race Shirts sponsored by Kelly Castleberry of Morgan Stanley/Graystone <i>*Not part of the CME program</i>	
	6:00-6:30P	Sea Green Lawn	Post-Race Reception Sponsored by Platinum Sponsor Basic Home Infusion, <i>*Not part of the CME program</i>	
	7:00-8:30P	Glimmer 5&6	Faculty Dinner and Awards Symposium Sponsored by Platinum Sponsor Abbott ASPAN AWARD PRESENTATIONS Welcome - Timothy R. Deer, MD, Dawood Sayed, MD, Jason E. Pope, MD and Erika A. Petersen, MD *Not part of the CME program Join us after dinner on the terrace for reception sponsored by AIS Healthcare	



American Society of Pain and Neuroscience (ASPAN) Presents PAIN, 2023
 “Raising the Bar: Innovation and Collaboration to Treat Chronic Pain”

Program Chairs:

Timothy R. Deer, MD, Dawood Sayed, MD

Fontainebleau, Miami Beach, Florida | July 13–July 16, 2023

Agenda

S a t u r d a y	Time (EDT)	Location		
		6:15-7:15A	Location: Gym	ESSETRICS [®] Exercise Class
	7:15-7:45A	Registration Open in Luster Foyer		
	Time (EDT)	General Session: Room Name: Fontaine Ballroom Day Theme: Neuromodulation	APP Break Out Course	
J u l y	7:00-7:45A	Breakfast sponsored by Gold Sponsor - Averitas Pharma Room: Splash 9/10 <i>*Not part of the CME program</i>	Breakfast Sponsored by Platinum Sponsor Relievant Room Name: Splash 1-2 <i>“The Intracept[®] Procedure: Patient Identification Best Practices and Care Pathway Positioning”</i> Presented by Brittney Misercola, MSN, FNP-C, and Kristin Klein, AGNP-C <i>*Not part of the CME program</i>	
1 5				
2 0	7:45-8:00A	Welcome to Day 2 - Presidential Address in Fontaine Ballroom Presented by: Jason E. Pope, MD and Erika A. Petersen, MD	Course Director Welcome	
2 3		Block 6: Neuromodulation - Spinal Cord Stimulation Moderated by Jason Pope, MD, and Erika Petersen, MD Abstract Presenters Introduced by Session Moderators Michael F. Esposito, MD, and Jonathan M. Hagedorn, MD	APP Break Out Course Room Name: Fleur de Lis Course Directors: Ashley Comer, FNP, Zohra Hussani, FNP and Brittney Misercola, MSN, FNP-C	
	8:00-8:15A	Panel: Closed Loop Stimulation: Physiological Outcomes and Different Strategies Moderated by Jason E. Pope, MD, and Erika Petersen, MD	Identification and Management of Vertebral Compression Fractures Presented by Nasir Khatri, MD	



American Society of Pain and Neuroscience (ASPAN) Presents PAIN, 2023
 “Raising the Bar: Innovation and Collaboration to Treat Chronic Pain”

Program Chairs:

Timothy R. Deer, MD, Dawood Sayed, MD

Fontainebleau, Miami Beach, Florida | July 13–July 16, 2023

Agenda

S a t u r d a y J u l y 1 5 2 0 2 3		Panelists: Sean Li, MD, Melissa Murphy, MD, MPH, Michael A. Fishman, MD, MBA, Paul Verrills, MD, Harold Nijuis, MD	
	8:15-8:30A	Panel: A Plethora of Choices: How to Choose the Right Spinal Cord Stimulator for Your Patient Moderated by Stephanie Vanterpool, MD, MBA, and Jennifer Hah, MD Panelists: Jacqueline Weisbein, DO, Jordan Lee Tate, MD, MPH, Jennifer Marie Lee, MD, Anne T. Christopher, MD, Pooja R. Chopra, MD, Whitney James, MD, MHS	
	8:30-8:45A	An Update on DRG: Durability, Outcomes, and Upper Spinal Targets Moderated by Timothy Deer, MD, and Jacqueline Weisbein, DO Panelists: Timothy R. Lubenow, MD, Kenneth B. Chapman, MD, David Dickerson, MD, Corey W. Hunter, MD, FIPP, Iden Cowan, MD, Whitney James, MD, MHS	
	8:45-8:52A	Abstract 7	Facial & HA Pain – Presented by Miles Day, MD, Kevin Vorenkamp, MD
	8:53-9:00A	Abstract 8	
9:01-9:08A	Abstract 9		



American Society of Pain and Neuroscience (ASPAN) Presents PAIN, 2023
 “Raising the Bar: Innovation and Collaboration to Treat Chronic Pain”

Program Chairs:

Timothy R. Deer, MD, Dawood Sayed, MD

Fontainebleau, Miami Beach, Florida | July 13–July 16, 2023

Agenda

S a t u r d a y J u l y 1 5 2 0 2 3	9:09-9:25A	Panel: Personalized SCS: AI, Closed Loop, Machine Learning, Personalized Waveforms Moderated by Kathleen W. Meacham, MD, PhD, and Anjum Bux, MD Panelists: Usman Latif, MD, MBA, Peter S. Staats, MD, MBA; Derron K. Wilson, MD, FIPP; Jonathan M. Hagedorn, MD; Michael F. Esposito, MD, Ahmed Raslan, MD		
	9:25-9:40A	Panel: New Indications in Spinal Cord Stimulation; Non-Surgical Low Back Pain, Diabetic Neuropathy, Cervical Disease and Beyond Moderated by Kasra Amirdelfan, MD, and Johnathan Goree, MD Panelists: Chau M. Vu, MD, Mansoor M. Aman, MD, Alexander Escobar, MD, Michael Danko, MD, Shachi Patel, MD, Kenneth B. Chapman, MD, Henry Vucetic, MD, Leonardo Kapural, MD, PhD		
	9:40-10:00A	Break with Exhibits and Abstract Poster Viewing Sponsorship Available <i>*Not part of the CME program</i>		
	Block 7: ASPAN Executive Collaboration Committee (ECC) Town Hall Moderated By Timothy Deer, MD, Kasra Amirdelfan, MD, and Dawood Sayed, MD ECC Panelists: Douglas P. Beall, MD, Erika A. Petersen, MD, Steven M. Falowski, MD, Louis J. Raso, MD, Kiran V. Patel, MD, Soriaya Motivala, MD, Jad Khalil, MD, Ahmed Raslan, MD		Cracking the 'Case' : Challenging and Unique Chronic Pain Cases	
10:00-10:05 A	ASPAN Town Hall Collaboration Panel Introduction	Station 1 Fleur de Lis	Regenerative Pain Trx Presented by Ali Valimahomed, MD, FAAPMR	
10:05-10:12 A	Abstract Presentation: 9			
10:12-10:15 A	Q&A			
10:15-10:22 A	Abstract Presentation: 10 Q&A			



American Society of Pain and Neuroscience (ASPAN) Presents PAIN, 2023
 “Raising the Bar: Innovation and Collaboration to Treat Chronic Pain”

Program Chairs:

Timothy R. Deer, MD, Dawood Sayed, MD

Fontainebleau, Miami Beach, Florida | July 13–July 16, 2023

Agenda

S a t u r d a y J u l y 1 5 2 0 2 3	10:22-10:25 A			
	10:25-10:32 A	Abstract Presentation: 11		
	10:32-10:35 A	Q&A		
	10:35-10:42 A	Abstract Presentation: 12	Station 2 Fleur de Lis	Identification and Management of Chronic Abdominal/Pelvic Pain Syndromes Presented by Nasir Khatri, MD, and Brittney Misercola, MSN, FNP-C
	10:42-10:45 A	Q&A		
	10:45-10:52 A	Late Breaking Abstract Presentation:		
	10:52-10:55 A	Q&A		
	10:55-11:00 A	ISPN: Update Presented by Reda M. Tolba, MD	Station 3 Conference Suite 582	Recognizing and Assessing Thoracic Outlet/Brachial Plexopathy Presented by David W. Lee, MD
	Block 8: Peripheral Nerve Stimulation Abstract Presenters Introduced by Session Moderators Eric G. Cornidez, MD, MBA, and Alane B. Costanzo, MD			
	11:05-11:07A	Abstract Presentation: 13		
11:08-11:25 A	Panel: Disease Modifying Therapies in Pain Medicine - The Future of Our Field? Moderated by Christopher J. Gilligan, MD, and Kiran V. Patel, MD Panelists: Josh Hirsch, MD, Meredith Langhorst, MD, Anthony Giuffrida, MD, Nomen Azeem, MD, FAAPMR			
11:25-11:40 A	Panel: Peripheral Nerve Stimulation: Technology Evolution and Expert Insights Moderated by Natalie H. Strand MD, and Alaa Abd-Elseyed, MD, MPH	Station 4 Conference Suite 585	Low Dose Naltrexone in Central Pain Syndromes Zohra Hussani, FNP	



American Society of Pain and Neuroscience (ASPN) Presents PAIN, 2023
 “Raising the Bar: Innovation and Collaboration to Treat Chronic Pain”

Program Chairs:

Timothy R. Deer, MD, Dawood Sayed, MD

Fontainebleau, Miami Beach, Florida | July 13–July 16, 2023

Agenda

		Panelists: Christopher A. Gilmore, MD, Amitabh Gulati, MD, Scott G. Pritzlaff, MD, CIPS, FIPP, Ryan D'Souza, MD, Jennifer Hah, MD, Brian K. Rich, MD, Aashish Jay Kumar, MD, D.ABA		
S a t u r d a y	11:40-11:55 A	Panel: Peripheral Nerve Stimulation - Emerging Indications Based on the Evidence Moderated by Konstantin Slavin, MD, FAANS, and Dawn A. Sparks, DO Panelists: Leonardo Kapural, MD, PhD, Morad Nasser, MD, Mehul J. Desai, MD, MPH, Samir J. Sheth, MD, Priyanka Ghosh, MD, Usman Latif, MD, MBA, Sandy Christiansen, MD		
	11:55A-12:00P	Abstract Awards Presented by Kasra Amirdelfan, MD, and Jason E. Pope, MD		
J u l y	12:00-1:00P	Luncheon Symposium sponsored by Diamond Sponsor - Medtronic Room: Splash 9/10 <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	APP Lunch Symposium Sponsored By Diamond Sponsor SPR Therapeutics Room Name: Splash 1-2 <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	Stick around after lunch for afternoon social with Spinal Simplicity!
	12:00-1:00P	Luncheon Symposium sponsored by Diamond Sponsor - Nevro Room: Splash 11/12 <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>		
	12:00-1:00P	Luncheon Symposium sponsored by Diamond Sponsor - Vertos Room: Splash 13-16 <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>		
15				
20				
22	Time (EDT)	General Session: Room Name: Fontaine Ballroom Day Theme: Neuromodulation	Business and Law in Medicine Break Out Session: Room Name: Splash 17/18 Course Director: Annu Navani, MD, Rehan Waheed, DO, JD, and Anil K. Sharma, MD 1:00-3:10P	
23	Block 9: Targeted Drug Delivery			



American Society of Pain and Neuroscience (ASPAN) Presents PAIN, 2023
 “Raising the Bar: Innovation and Collaboration to Treat Chronic Pain”

Program Chairs:

Timothy R. Deer, MD, Dawood Sayed, MD

Fontainebleau, Miami Beach, Florida | July 13–July 16, 2023

Agenda

Abstract Presenters Introduced by Session Moderators Neel Mehta, MD, and Yashar Eshraghi, MD			
S a t u r d a y J u l y 1 5 2 0 2 3	1:00-1:07P	Abstract Presentation: 15	1:00-1:15PM
	1:08-1:15P	Abstract Presentation: 16	The Other Side of Medicine: Current Business and Legal Matters to Navigate A Successful Practice Rehan Waheed, DO, JD
	1:15-1:25P	Late Breaking Abstract Presentation:	1:15-1:25PM Informed Consent for Spine Procedures: Best Practice Guidelines Ankur Patel, MD
	1:25-1:45P	Panel: Restoration of Efficacy with IDD Moderated by Stanley Golovac, MD, and Pankaj Mehta, MD Panelists: Salim M. Hayek, MD, PhD, Erik Shaw, DO, Michael Saulino, MD, PhD, Jay S. Grider, DO, PhD, MBA, Hemant Kalia, MD, MPH	1:25-1:35PM Private Equity - Mergers and Acquisitions Anil K. Sharma, MD
			1:35-1:45PM Investment Strategies in Med Tech Timothy T. Davis, MD, and Anil K. Sharma, MD
	1:45-2:00P	Panel: Intrathecal Drug Therapies and Barriers of Adoption Moderated by Meredith Langhorst, MD, and Neel Mehta, MD Panelists: Rany T Abdallah, MD PhD MBA, Alaa Abd-Elsayed, MD, Michael Saulino, MD, PhD, Gladstone C. McDowell II, MD, Mark N. Malinowski, DO, FIPP, Mayank Gupta, MD	1:45-2:00 PM Legal Implications Jeffrey Peterson, David D. Daggett, Esq.
	2:00-2:20P	Panel: Mitigating Complications in Implantable Technologies Moderated by Kevin Vorenkamp, MD, and Jay M. Shah, MD, FAAPMR Panelists: Sean Li, MD, Christopher Lam, MD, Jennifer Marie Lee, MD, David Reece, DO; Eric Cordinez, MD, James J. Yue, MD, Ioannis Skaribas, MD, DABA, FASA	2:00-2:10 PM The Role of AI and Software in Medicine Leon Anijar, MD, and Timothy T. Davis, MD
			2:10-2:20 PM 21st Century Essentials for Medical Practice: Scaling and Building Practice Success John V. Prunskis, MD, FIPP
	2:20-2:50P	Break with Exhibits and Abstract Poster Viewing	2:20-2:30 PM



American Society of Pain and Neuroscience (ASPN) Presents PAIN, 2023
 “Raising the Bar: Innovation and Collaboration to Treat Chronic Pain”

Program Chairs:

Timothy R. Deer, MD, Dawood Sayed, MD

Fontainebleau, Miami Beach, Florida | July 13–July 16, 2023

Agenda

	Sparkle Ballroom	Sponsorship Available <i>*Not part of the CME program</i>	The Balance Between Quality and Productivity: Secrets of Successful Pain Practice Louis J. Raso, MD, and Annu Navani, MD
			2:30-2:40 PM The Era of Corporate Medicine Anish S. Patel, MD, MBA, and Paul Lynch, MD
S a t u r d a y J u l y 1 5 2 0 2 3	Block 10: The Universe of Therapeutic Approaches to Pain		2:40-2:50 PM Building a Profitable Practice Vincent Galan, MD, MBA, and Paul Lynch, MD
	2:50-3:10P	Panel: The Role of Cannabinoids and Psychedelics Moderated by Jason E. Pope, MD, and Natalie H. Strand, MD Panelists: Michael Verdolin, MD, Yeshvant A. Navalgund, MD, Peter G. Pryzbylowski, MD, Timothy T. Davis, MD, Samir J. Sheth, MD, Michael E. Schatman, PhD	2:50-3:10 PM The Interplay Between Physicians and the Medical Industry Moderated by Peter S. Staats, MD, MBA, and Anish S. Patel, MD, MBA Panelists: Erich W. Wolf II, MD, PhD, Amol Soin, MD, Krishnan Chakravarthy, MD, PhD
	3:10-3:30P	Panel: A Comprehensive Algorithm for Painful Diabetic Neuropathy: A Review of Current Treatment Options Moderated by Ali Nairizi, MD, and Priyanka Ghosh, MD Panelists: Gurtej Singh, MD, Vwaire Orhurhu, MD, MPH, Ramana Naidu, MD, Michael A. Fishman, MD, MBA, Marshall Bedder, MD, FRCPC, Leonardo Kapural, MD, PhD	
	3:30-3:50P	Panel: The Multidisciplinary Approach to Functional Restoration Moderated by Annu Navani, MD, and Navdeep S. Jassal, MD Panelists: Ramoun Jones, MD, Hemant Kalia, MD, MPH, Eric T. Lee, MD, Michael E. Schatman, PhD, John Stevenson, MD, Keith W. Schmidt, MD	
	3:50-4:10P	Panel: Young Innovators Panel Moderated by Nasir Khatri, MD, and Ryan Budwany, MD Panelists: Vinny Francio, MD, Raj G. Patel, MD, Daniel Kanzer, MD, Shashank Vodapally, DO, Ryan D'Souza, MD, Chau M. Vu, MD, Ashley Bailey-Classen, DO	
	4:10-4:30P	Panel: Educational Pathways to Interventional Pain and Spine Excellence Moderated by Sayed Emal Wahezi, MD, and Alaa Abd-Elseyed, MD, MPH Panelists: Mehul J. Desai, MD, MPH, Scott G. Pritzlaff, MD, CIPS, FIPP, Michael S. Leong, MD, Timothy R. Lubenow, MD, Helen M. Blake, MD, MBA, Shravani Durbhakula, MD, MPH, MBA	
	4:30-4:50P	Panel: Mind and Body Dualism: The Psychological Road to Recovery	



American Society of Pain and Neuroscience (ASPAN) Presents PAIN, 2023
 “Raising the Bar: Innovation and Collaboration to Treat Chronic Pain”

Program Chairs:

Timothy R. Deer, MD, Dawood Sayed, MD

Fontainebleau, Miami Beach, Florida | July 13–July 16, 2023

Agenda

		Moderated by Michael E. Schatman, PhD, and Michael S. Leong, MD Panelists: Marshall Bedder, MD, FRCPC, Dawn A. Sparks, DO, Jason C. Rosenberg, MD, Matthew T. Ranson, MD, Mark N. Malinowski, DO, FIPP, Alane B. Costanzo, MD
S a t u r d a y J u l y 1 5 2 0 2 3	4:50-5:00P	Closing Remarks Presented by Jason E. Pope, MD, and Erika A. Petersen, MD
	5:00-6:00P	Cocktail Reception Sponsored by Diamond Sponsor Curonix Room Name: Luster Lobby <i>*Not part of the CME program</i>
	8:00-10:00P	ASPAN Miami HEAT - Charity Reception Sponsored by Gold Sponsor PainTEQ with DJ Doc Location: Luster Lobby <i>*Not part of the CME program</i>



American Society of Pain and Neuroscience (ASPN) Presents PAIN, 2023
 “Raising the Bar: Innovation and Collaboration to Treat Chronic Pain”

Program Chairs:

Timothy R. Deer, MD, Dawood Sayed, MD

Fontainebleau, Miami Beach, Florida | July 13–July 16, 2023

Agenda

S	Time (EDT)	Location	Topic	Speakers
u	6:30-7:30A	Gym	ESSETRICS [®] Exercise Class	Alane B. Costanzo, MD
	7:45-8:15A	Luster Lobby	Registration Open and Continental Breakfast	
	8:00A		Exhibitors Please Break Down Exhibits	
d	Theme for the Day			
	Ultrasound and Practice Building			
a	8:15A	Fontaine Ballroom	Welcome Day 3	Stanley Golovac, MD
	8:15-8:30A	Fontaine Ballroom	Advocacy	Stephanie Vanterpool, MD, MBA
	8:30-9:00A	Fontaine Ballroom	The Choice Between TDD and SCS; A New Predictive Formula	Nagy Mekhail, MD, PhD
	9:00-9:30A	Fontaine Ballroom	TBD	
J	9:30-12:00P	Fleur de Lis	Ultrasound Guidance for Pain	Course Director: Ali Valimahomed, MD, FAAPMR
	9:30-12:00P	Splash 17/18	Marketing and Growing Your Practice	Course Director: Paul Lynch, MD
u			<ul style="list-style-type: none"> • Lower extremity • Upper extremity • Torso • Spine 	Additional Faculty: Tolga Suvar, MD, Yashar Eshraghi, MD, Christopher A. Gilmore, MD, David Rosenblum, MD
			<ul style="list-style-type: none"> • Business to Consumer marketing (B2C) • Business to Patient marketing (B2P) • Business to Business marketing (B2B) 	Presenters include:
l				
y				
2				
0				
2				
3				
S				
u				
n				
d				
a				
y				



American Society of Pain and Neuroscience (ASPAN) Presents PAIN, 2023
 “Raising the Bar: Innovation and Collaboration to Treat Chronic Pain”

Program Chairs:

Timothy R. Deer, MD, Dawood Sayed, MD

Fontainebleau, Miami Beach, Florida | July 13–July 16, 2023

Agenda

J U L Y 1 6 2 0 2 3				John V. Prunskis, MD, FIPP, Tory L. McLunkin, MD, Christy Saia Owenby, Yeshvant Navalgund, MD, Kris Ferguson, MD, Vincent Galan, MD, MBA, Mayank Gupta, MD, Sanjay Bakshi, MD, MBA
	12:00P		Sessions Close	

Acknowledgements:

Thank you to the ASPAN Scientific Review Committee:

Chairs: Kasra Amirdelfan, MD, David W. Lee, MD, Christopher Lam, MD

Members: Patrick Buchanan, MD, Morad Nasser, MD, Jonathan Goree, MD, Jonathan Hagedorn, MD, Hemant Kalia, MD, Melissa Murphy, MD, Alane Costanzo, MD, Navdeep Jassal, MD, Karina Gritsenko, MD, Chau Vu, MD, Jacqueline Weisbein, DO, Timothy T. Davis, MD, Christopher A. Gilmore, MD, Brittany Grove, MD, Mansoor M. Aman, MD, Ryan D’Souza, MD, Jennifer Marie Lee, MD, Jordan Lee Tate, MD, MPH, David Reece, DO, Sandy Christiansen, MD

ASPAN Annual Planning Committee:

- Timothy R. Deer, MD
- Dawood Sayed, MD
- Jason E. Pope, MD
- Erika A. Petersen, MD



- Steven M. Falowski, MD
- Kasra Amirdelfan, MD
- Mark N. Malinowski, DO
- David W. Lee, MD

American Society of Pain and Neuroscience (ASPAN) Presents PAIN, 2023
“Raising the Bar: Innovation and Collaboration to Treat Chronic Pain”

Program Chairs:

Timothy R. Deer, MD, Dawood Sayed, MD
Fontainebleau, Miami Beach, Florida | July 13–July 16, 2023

Agenda