



**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, Kasra Amirdelfan, MD, David W. Lee, MD, Jason E. Pope, MD, Erika A. Petersen, MD, Steven Falowski, MD, Mark N. Malinowski, DO

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	Luster Lobby	Early Check In for ASPN Lab attendees	
1:00-5:00P	Fontaine Ballroom	Private Abbott Industry Certification Training	Invitation Only
5:00P	Fleur de Lis	Relievant Private Cocktail Reception	Invitation Only
12:00-5:00P	Sparkle Room	Exhibitor Set Up (Set Up Available Thursday as well)	

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 Lobby	Registration and check in for Lab	

7:15-8:00A	Splash 9/10	Breakfast Symposium Sponsored by Platinum Sponsor Abbott <i>Dorsal Root Ganglion Therapy and Abbott's Distinct Difference</i> <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	Ajay Antony, MD, Johnathan Goree, MD, David W. Lee, MD, Timothy R. Lubenow, MD, Dawood Sayed, MD
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>SPRINT thru PNS: Exploring PNS Head to Toe</i> <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	Presented by: David Dickerson, MD, Christopher A. Gilmore, MD, Amitabh Gulati, MD, Samir J. Sheth, MD
12:00-1:00P	Splash 9/10	Fellows Lunch Sponsored By Diamond Sponsor SPR Therapeutics <i>SPRINT thru PNS: Exploring PNS Head to Toe</i> <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	Presented by Timothy Deer, MD, David Reece, DO, Sean Li, MD, Ali Valimahomed, MD, FAAPMR
1:00-5:00P		Lab <i>See lab agenda for rotation and session details</i>	



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5:00-6:00P	La Cote Lawn	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>	All attendees welcome

Friday, July 14, 2023

Time (EDT)	Location	Topic	Speakers
6:00-6:45A	Flicker - 4th floor	ESSETRICS® Exercise Class Sponsored By Mainstay Medical	Alane B. Costanzo, MD
7:00-7:45A	Luster Lobby	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>	
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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
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9:20-9:25A	Fontaine/ Fleur de Lis	Introduction of the Best Research and Abstracts of ASPN 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: PILD and Open Decompression for the Treatment of Lumbar Spinal Stenosis: a 2-year Medicare Claims Benchmark Study	Peter S. Staats, MD, MBA
9:33-9:40A	Fontaine/ Fleur de Lis	Abstract Presentation: First Clinical Evaluation of a Rechargeable Spinal Cord Stimulation Device	Paul Verrills, MD
9:40-9:55A	Fontaine/ Fleur 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/ Fleur 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 <i>*Not part of the CME program</i>	
Block 3: Regenerative Medicine: Research Becomes Reality Abstract Presenters Introduced by Session Moderators Daniel Denis, MD, MSc, FRCSC and Maged Guirguis, MD			
10:30-10:37A	Fontaine/ Fleur de Lis	Abstract Presentation: Modeling Energy Demands of a Reduced-Energy Derivative of DTM(TM) Stimulation on Rechargeable and Recharge-Free SCS Systems	Kasra Amirdelfan, MD

10:38-10:45A	Fontaine/ Fleur de Lis	Abstract Presentation: Safety and Efficacy of Magnetic Peripheral Nerve Stimulation, Axon Therapy (SEAT) for treatment of post-surgical or post-traumatic neuropathic pain	Leonardo Kapural, MD, PhD
10:45-11:10A	Fontaine/ Fleur de Lis	Panel: The Evidence for Cellular Intradiscal Therapies	Moderated by Natalie H. Strand, MD, and Myrdalis Diaz-Ramirez, MD Panelists: Douglas P. Beall, MD, Sudhir Diwan, MD, Pankaj Mehta, MD, Jonathan Carlson, MD, Anjum Bux, MD, Annu Navani, MD
11:10-11:35A	Fontaine/ Fleur 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-12:00P	Fontaine/ Fleur de Lis	Panel: Regenerative Medicine for the Peripheral Joints	Moderated by John S. Michels, MD, and Natalie H. Strand, 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>Physician Experience Panel: Advancing the Treatment of Vertebrogenic Pain with Basivertebral Nerve Ablation and the Next-Generation Intracept Procedure</i> <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	Moderator: Dawood Sayed, MD Panelists: Greg Moore, MD; Brian Durkin, DO; Pratik Gandhi, MD; Anthony Giuffrida, MD and Pankaj Mehta, MD
12:00-1:00P	Splash 9/10	Lunch Symposium Sponsored by Platinum Sponsor Biotronik PROACTIVE CARE: IT'S ABOUT TIME <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	Presented by: Kasra Amirdelfan, MD, Robert Levy, MD, PhD, Ramana Naidu, MD, Erika Petersen, MD
12:00-1:00P	Splash 11/12	Lunch Symposium Sponsored by Platinum Sponsor Abbott	Presented by: Timothy R. Deer, MD, Denis G. Patterson, DO, Jason E. Pope, MD, Jacqueline Weisbein, DO, Derron K. Wilson, MD, FIPP



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		<p>Discover the Right Fit: Abbott’s Comprehensive Chronic Pain Portfolio</p> <p><i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i></p>	
1:10-1:40P	Luster Foyer	<p>Executive Perspectives on the Field of Interventional Pain, Spine, and Neuroscience</p> <p><i>*Not part of the CME program</i></p>	<p>Moderated by Dawood Sayed, MD, and Timothy Deer, MD Panelists: Tyler Binney, Michael Enxing, Todd Langevin, Pedro Malha, Maulik Nanavaty, Maria Bennett, Eric Wichems, Kevin Thornal, Hiten Chawla, Jim Schuermann</p>
<p>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 Youssef Josephson, DO</p>		<p>Complicated Cases and Challenging Indications Room Name: Splash 17/18 Course Director: Krishnan Chakravarthy, MD, PhD</p> <p><i>*Not part of the CME program</i></p>	
1:40-1:47P	<p>Abstract Presentation: Comparing SCS and Conventional Medical Management in Patients with No Prior Back Surgery (SOLIS RCT) Presented by James North, MD</p>	<p>Novel Neuromodulation Technologies In A Saturated Market...Future Indications Moderated by Krishnan Chakravarthy, MD, PhD Erich W. Wolf II, MD, PhD, Amol Soin, MD, Nagy Mekhail, MD, PhD, Shivanand P. Lad, MD, PhD, Ali Nairizi, MD, Harold Nijhuis, MD</p>	
1:48-1:55P	<p>Abstract Presentation: 24 Month Durability of Pain Relief, Function, Quality of Life and Safety Outcomes for Non-Surgical Refractory Back Pain Patients with 10 kHz Spinal Cord Stimulation Presented by Leonardo Kapural, MD, PhD</p>		
1:55-2:10P	<p>Panel: Concussion Injury in Elite and Pro Athletes Moderators: Erika Petersen, MD, and Peter S. Staats, MD, MBA Panelists: John S. Michels, MD, Johnathan Goree, MD, Matthew Antonucci, DC, Chad B. Stephens, DO</p>	<p>Industry Perspectives on Overcoming the Challenging Payor Environment Moderated by Krishnan Chakravarthy, MD, PhD Erich W. Wolf II, MD, PhD, Amol Soin, MD, E. Jeffrey Donner, MD, Michael A. Fishman, MD, MBA</p>	
2:10-2:25P	<p>Panel: How to Choose a Sacroiliac Fusion System: What Role Does Data Play?</p>	<p>Challenging Cases in Pain and Neuroscience Moderated by Matt Rupert, MD, MS, FIPP</p>	

	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	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
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, 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: Aurora Spine Product Theatre Presented by: Steven M. Falowski, MD, and Pankaj Mehta, MD <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, 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



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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 W. 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
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	Fontaine/ Fleur de Lis	Panel: Therapeutic Approaches to Cancer Pain	Moderated by Vinay Puttanniah, MD, and Sandy Christiansen, MD Panelists: Amitabh Gulati, MD, Monika Y. Patel, MD, Edward Podgorski, MD, Hemant Kalia, MD, MPH, Kris Ferguson, MD
4:45-5:00P	Fontaine/ Fleur de Lis	Closing Remarks: ASPN 5K Charity Race SUFFERING: The Winning Strategy for Life <i>*Not part of the CME program</i>	Timothy Deer, MD
5:00-6:00P	Sea Green Lawn	ASPN 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 and Mainstay Medical <i>*Not part of the CME program</i>	



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7:00-8:30P	Glimmer 5&6	<p>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</p> <p><i>*Not part of the CME program</i></p> <p>Faculty is invited to attend reception sponsored by AIS Healthcare on the terrace following dinner</p>
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Saturday, July 15, 2023		
Time (EDT)	Location	
6:00-6:45A	Flicker - 4th floor	<p>ESSEINTRICS® Exercise Class Sponsored By Mainstay Medical Alane B. Costanzo, MD</p>
7:00A	Registration Open in Luster Foyer	
Time (EDT)	General Session: Room Name: Fontaine Ballroom Day Theme: Neuromodulation	APP Break Out Course
7:00-7:45A	<p>Breakfast sponsored by Gold Sponsor - Averitas Pharma Room: Splash 9/10</p> <p><i>Spicing Up the Continuum of Care: Providing Ongoing Relief with a Minimally Invasive In-Office Procedure for Diabetic Peripheral Neuropathy of the Feet</i></p> <p>Presented by Mark H. Coleman, MD, and Yeshvant A. Navalgund, MD <i>*Not part of the CME program</i></p>	<p>Breakfast Sponsored by Platinum Sponsor Relievent Room Name: Splash 1-2</p> <p><i>“The Intracept® Procedure: Patient Identification Best Practices and Care Pathway Positioning”</i> Presented by Brittney Misercola, MSN, FNP-C, and Kristen Klein, AGNP-C <i>*Not part of the CME program</i></p>



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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
Block 6: Neuromodulation - Spinal Cord Stimulation Room Name: Fontaine Ballroom 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 Hussaini MSN, FNP-BC, MBA, Brittney Misercola, MSN, FNP-C, and Casey Grillo, 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 Panelists: Sean Li, MD, Melissa Murphy, MD, MPH, Michael A. Fishman, MD, MBA, Paul Verrills, MD, Harold Nijhuis, MD	Identification and Management of Vertebral Compression Fractures Presented by Nasir Khatri, 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	Panel: 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, Paul Verrills, MD	

8:45-8:52A	<p>Abstract Presentation: Passive recharge burst in a non-surgical back pain population: Results from a cross-over cohort Presented by Timothy Deer, MD</p>	
8:53-9:00A	<p>Abstract Presentation: Prospective Multicenter First-in-Human Study of an Implantable SCS System with Multiphase Stimulation and Remote Device Management: Interim 6-Month Outcomes Presented by Kasra Amirdelfan, MD on behalf of the Australian Investigators</p>	<p>Facial & HA Pain – Presented by Miles Day, MD, Kevin Vorenkamp, MD</p>
9:01-9:08A	<p>Abstract Presentation: 10 kHz SCS Provides Significant, Durable Pain Relief and Improved Lower Extremity Protective Sensation for Patients with Painful Diabetic Neuropathy Presented by Erika Petersen, MD</p>	
9:09-9:25A	<p>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</p>	
9:25-9:40A	<p>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</p>	

	Panelists: Chau M. Vu, MD, Mansoor M. Aman, MD, Alexander Escobar, MD, Michael Danko, MD, Kenneth B. Chapman, MD, Henry Vucetic, MD, Leonardo Kapural, MD, PhD		
9:40-10:00A	Break with Exhibits and Abstract Poster Viewing Sponsored by Scilex Holding Company <i>*Not part of the CME program</i>		
Block 7: ASPN Executive Collaboration Committee (ECC) Town Hall Room Name: Fontaine Ballroom 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 Attendees to split into 4 groups to rotate through each station. 30 minutes per station. Station locations indicated below.	
10:00-10:05A	ASPN Town Hall Collaboration Panel Introduction	Station 1 Fleur de Lis	Regenerative Pain Trx Presented by Ali Valimahomed, MD, FAAPMR
10:05-10:12A	Abstract Presentation: Pooled Intraosseous Basivertebral Nerve Ablation: 4-Year Effectiveness and Safety Results from Two Long-Term Follow-up Studies Presented by Jad Khalil, MD		
10:12-10:15A	Q&A		
10:15-10:22A	Abstract Presentation: Posterior Lateral Spinal Arthrodesis: A Safe and Effective Treatment Option for Lumbar Spinal Stenosis Presented by Anuj Shah, DO		
10:22-10:25A	Q&A		
10:25-10:32A	Abstract Presentation:		



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10:32-10:35A	Durability of Pain Relief. Interim Outcomes from SECURE: A Single Arm, Multicenter, Prospective, Clinical Study on a Minimally Invasive Posterior Sacroiliac Fusion Device Presented by Aaron K. Calodney, MD, FASA, FIPP, ABIPP Q&A		
10:35-10:42A	Abstract Presentation: US Real-World Patient Outcomes with ECAP-Controlled, Closed-Loop SCS: The ECAP IDE Study Interim Results Presented by Erika Petersen, MD Q&A	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
10:42-10:45A			
10:45-10:52A	Abstract Presentation: Four-Year Effectiveness of Restorative Neurostimulation in Patients with Chronic Mechanical Low Back Pain Presented by Christopher J. Gilligan, MD Q&A		
10:52-10:55A			
10:55-11:00A	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 Room Name: Fontaine Ballroom Abstract Presenters Introduced by Session Moderators Eric G. Cornidez, MD, MBA, and Alane B. Costanzo, MD			
11:00-11:07A	Abstract Presentation: A Report on the Interim Analysis of 6-Month Outcomes from the COMFORT PNS RCT Presented by Mitchell Engle, MD, PhD		

11:08-11:25A	<p>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, Greg Moore, MD, Rebecca Sanders, MD</p>		
11:25-11:40A	<p>Panel: Peripheral Nerve Stimulation: Technology Evolution and Expert Insights Moderated by Vinita Singh, MD, and Alaa Abd-Elseyed, MD, MPH 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</p>	Station 4 Conference Suite 585	Low Dose Naltrexone in Central Pain Syndromes Zohra Hussaini MSN, FNP-BC, MBA
11:40-11:55A	<p>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</p>		
11:55A-12:00 P	<p>Abstract Awards Presented by Kasra Amirdelfan, MD, and Jason E. Pope, MD</p>		

<p>12:00-1:00P</p>	<p>Luncheon Symposium sponsored by Diamond Sponsor - Medtronic Room: Splash 9/10</p> <p><i>Transformative innovation that matters: Treating more patients with painful DPN and the future of spinal cord stimulation sensing research</i></p> <p>Presented by: Nomen Azeem, MD, FAAPMR, Krishnan Chakravarthy, MD, PhD, and Melissa Murphy, MD, MPH</p> <p><i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i></p>	<p>APP Lunch Symposium Sponsored By Diamond Sponsor SPR Therapeutics Room Name: Splash 1-2</p> <p><i>SPRINT® PRIMER: How a 60-day PNS Treatment is Transforming Care</i> Presented by Kaycee Frederick, MSN, APRN, FNP-C</p> <p><i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i></p> <p>Stick around after lunch for afternoon social with Spinal Simplicity!</p>
<p>12:00-1:00P</p>	<p>Luncheon Symposium sponsored by Diamond Sponsor - Nevro Room: Splash 11/12</p> <p><i>Nevro HFX iQ™ Bringing AI to SCS</i></p> <p>Presented by Kasra Amirdelfan, MD; Alexander Escobar, MD; Usman Latif, MD; and Peter Pryzbylkowski, MD</p> <p><i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i></p>	
<p>12:00-1:00P</p>	<p>Luncheon Symposium sponsored by Diamond Sponsor - Vertos Room: Splash 13-16</p> <p><i>Optimizing Care by Working together: How the mild Procedure can be leveraged to increase collaboration & enhance patient care</i></p> <p>Presented by Ajay Antony, MD, Kelsey Kimball, PA-C, and John Stevenson, MD</p> <p><i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i></p>	
<p>Time (EDT)</p>	<p>General Session: Room Name: Fontaine Ballroom Day Theme: Neuromodulation</p>	<p>Business and Law in Medicine Break Out Session: Room Name: Splash 17/18</p>

Block 9: Targeted Drug Delivery		Course Director: Annu Navani, MD, Rehan Waheed, DO, JD, and Anil K. Sharma, MD	
Abstract Presenters Introduced by Session Moderators Neel Mehta, MD, and Yashar Eshraghi, MD		1:00-3:10P *Not part of the CME Program	
1:00-1:07P	Abstract Presentation: Retrospective Review of Real-World Outcomes Across Multiple Health-Related Domains Following 60-Day Peripheral Nerve Stimulation Used for Shoulder Pain Presented by Ali Valimahomed, MD, FAAPMR	1:00-1:15PM The Other Side of Medicine: Current Business and Legal Matters to Navigate A Successful Practice Rehan Waheed, DO, JD, Kelly Castleberry	
1:08-1:15P	Abstract Presentation: Health-Related Quality of Life Phenotypes Among chronic Pain Patients Receiving Spinal Cord Stimulation Presented by Shivanand P. Lad, MD, PhD		
1:16-1:23P	Abstract Presentation: Utilizing intraoperative EMG and post-operative paresthesia thresholds to quantify post-synaptic excitability and patient clinical outcomes following multi-area burst SCS Presented by Steven M. Falowski, MD	1:15-1:25PM Informed Consent for Spine Procedures: Best Practice Guidelines Ankur Patel, MD	
1:24-1:45P	Panel: Restoration of Efficacy with IDD Moderated by Stanley Golovac, MD, and Pankaj Mehta, MD Panelists: Erik Shaw, DO, Michael Saulino, MD, PhD, Jay S. Grider, DO, PhD, MBA, Hemant Kalia, MD, MPH, Anjum Bux, MD	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, Kelly Castleberry, 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	1:45-2:00 PM Legal Implications Jeffrey Peterson, David D. Daggett, Esq.	

	Panelists: Rany T Abdallah, MD PhD MBA, Alaa Abd-Elseyed, MD, Michael Saulino, MD, PhD, Gladstone C. McDowell II, MD, Mark N. Malinowski, DO, FIPP, Mayank Gupta, MD	
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 G. Cornidez, MD, MBA, 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 Sparkle Ballroom	Break with Exhibits and Abstract Poster Viewing Aurora Spine Product Theatre Presented by: Jason E. Pope, MD APP Meet Up at the ASPN Membership Booth <i>*Not part of the CME program</i>	2:20-2:30 PM The Balance Between Quality and Productivity: Secrets of Successful Pain Practice Louis J. Raso, MD, and Annu Navani, MD
		2:30-2:50 PM Building a Successful Practice in the Era of Corporate Medicine Anish S. Patel, MD, MBA, FASA, Vincent Galan, MD, MBA, and Paul Lynch, MD
Block 10: The Universe of Therapeutic Approaches to Pain Session Moderators: Annu Navani, MD, and Dawn A. Sparks, DO		
2:50-3:10P	Panel: The Role of Cannabinoids and Psychedelics Moderated by Jason E. Pope, MD, and Dawn A. Sparks, DO Panelists: Yeshvant A. Navalgund, MD, Peter G. Pryzbylkowski, 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, FASA 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, 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	



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Timothy R. Deer, MD, Dawood Sayed, MD

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

Agenda

	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 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	
4:50-5:05P	Afternoon Symposium Sponsored by Medtronic Medtronic: Pioneering the future of Neuroscience Presented by: Brett Wall, Executive VP & President Neuroscience Portfolio, Medtronic <i>*Not part of the CME program</i>	
5:00-6:00P	Cocktail Reception Sponsored by Diamond Sponsor Curonix Room Name: Luster Lobby “The Curonix Difference” presented by Aure Bruneau <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>	Hosted by: Timothy R. Deer, MD, Dawood Sayed, MD, and Jackie Weisbein, DO all attendees invited - \$50 donation requested



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Sunday, July 16, 2023

Time (EDT)	Location	Topic	Speakers
6:30-7:30A	Flicker - 4th floor	ESSETRICS® Exercise Class Sponsored By Mainstay Medical	Alane B. Costanzo, MD
7:45-8:15A	Luster Lobby	Registration Open and Continental Breakfast	
8:00A	Sparkle Ballroom	Exhibitors Please Break Down Exhibits	

Theme for the Day

Ultrasound and Practice Building

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
9:00-9:07A	Fontaine Ballroom	Abstract Presentation: A Prospective Open-label Multi-center Study of Nucleus Pulposus Allograft Supplementation in Patients with Lumbar Discogenic Pain: A 35-patient Pilot Study	Douglas P. Beall, MD
9:08-9:15A	Fontaine Ballroom	Abstract Presentation: 1 Year European Real-World Outcomes with ECAP-Controlled, Closed-Loop SCS: The DR Study Results	Harold Nijhuis, MD
9:16-9:23A	Fontaine Ballroom	Highest Scoring Poster to Podium Abstract, Introduced by Erika Petersen, MD Abstract Presentation: Poster to Podium: Comparative Analysis of Healthcare Economics of Posterior versus Lateral Sacroiliac Joint Fusion	Thomas Del Guercio, MD



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9:24-9:31A	Fontaine Ballroom	Abstract Presentation: Improvement in Gait Abnormality following Minimally Invasive, Posterior Approach Sacroiliac Joint Fusion: A Prospective, Single-arm Longitudinal, Multicenter Study	Nomen Azeem, MD, FAAPMR
9:32-9:39A	Fontaine Ballroom	Late Breaking Abstract Presentation Effect of Differential Target Multiplexed SCS on Non-Surgical Refractory Back Pain: 12-Month Results of a US-Based Randomized Control Trial	Michael A. Fishman, MD, MBA
9:45-12:00P	Fleur de Lis	Ultrasound Guidance for Pain <ul style="list-style-type: none"> • Lower extremity • Upper extremity • Torso • Spine 	Course Director: Ali Valimahomed, MD, FAAPMR Additional Faculty: Tolga Suvar, MD, Yashar Eshraghi, MD, David Rosenblum, MD, Helen M. Blake, MD, MBA, Jennifer Hah, MD, Neal Rakesh, MD, MSE
9:45-12:00P	Fontaine Ballroom	Marketing and Growing Your Practice <ul style="list-style-type: none"> • Business to Consumer marketing (B2C) • Business to Patient marketing (B2P) • Business to Business marketing (B2B) 	Course Director: Paul Lynch, MD Presenters include: John V. Prunskis, MD, FIPP, Tory L. McJunkin, 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: Ashley Bailey-Classen, DO, Patrick Buchanan, MD, Morad Nasser, MD, Jonathan Goree, MD, Jonathan Hagedorn, MD, Hemant Kalia, MD, Melissa Murphy, MD, Alane Costanzo, MD, Navdeep Jassal, MD, Jack Diep, MD, Karina Gritsenko, MD, Chau Vu, MD, Mark N. Malinowski, DO, FIPP, Jacqueline Weisbein, DO, Timothy T. Davis,



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ASPAN Annual Planning Committee:

- Timothy R. Deer, MD
- Dawood Sayed, MD
- Kasra Amirdelfan, MD
- David W. Lee, MD
- Jason E. Pope, MD
- Erika A. Petersen, MD
- Steven M. Falowski, MD
- Mark N. Malinowski, DO