

The 7th Annual Meeting of the American Society of Pain and Neuroscience: “Embracing Disruption, Driving Innovation.”

Fontainebleau, Miami Beach, Florida

July 16-20, 2025

Scientific Planning Committee:

Wednesday, July 16, 2025			
Time (EDT)	Location	Topic	Faculty
12:00-5:00P	Luster Lobby	Early Check-In for ASPN Lab attendees	
8:00-11:00A 1:00-4:00P	Fleur de Lis	Intracept 101 Fellows Course – Note: Demonstration only, not a certification	Invitation Only
4:00-7:00P	Fontaine Ballroom	Lab Setup	

Thursday, July 17, 2025			
Time (EDT)	Location	Thursday Programs	Faculty
7:00A	Luster Lobby	Registration and check-in for Lab	
7:00-7:45A	Glimmer 1-4 (4th Floor)	<p>Breakfast Sponsored by Ferring Pharmaceuticals</p> <p>7:15-7:50A - Presentation Sponsored by Ferring Pharmaceuticals <i>A Phase 3, Randomized, Double-Blind, Sham-Controlled Trial of SI-6603 (Condoliase) in Patients With Radicular Leg Pain Associated With Lumbar Disc Herniation</i> Presented by Timothy Deer, MD</p> <p><i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i></p>	
8:00A-5:00P	Sparkle Ballroom	Exhibitor Set up	
ASPN Labs Course Directors: Steven M. Falowski, MD, Jason E. Pope, MD, and Ashley Bailey-Classen, DO			



American Society of Pain and Neuroscience (ASPAN) Presents PAIN, 2025
 Embracing Disruption, Driving Innovation.
 Chairman and Co-Founder: Timothy R. Deer, MD
 Vice Chairman and Co-Founder: Dawood Sayed, MD
 Fontainebleau, Miami Beach, Florida | July 16-July 20, 2025

Agenda

8:00-11:50A	Multiple	Labs: <i>Master's Class (Practicing Physicians Only)</i> Room Name: Fontaine Ballroom <i>Fellow's Lab</i> Room Name: Flicker Ballroom (4th Floor) <i>See lab agenda for rotation and session details</i>	Lab Introduction: Steven M. Falowski, MD, Jason E. Pope, MD, and Ashley Bailey-Classen, DO **Separate Registration Required
12:00-1:00P	Glimmer 1-4 (4th Floor)	Lunch Sponsored by Diamond Sponsor SPR Therapeutics <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	
1:10-5:00P	Multiple	Labs: <i>Master's Class (Practicing Physicians Only)</i> Room Name: Fontaine Ballroom <i>Fellow's Lab</i> Room Name: Glimmer 1-4+Corridor (4th Floor) <i>Ultrasound Lab</i> Room Name: Flicker 1-3 <i>See lab agenda for rotation and session details</i>	**Separate Registration Required

ASPAN Presents Neurotech Horizons: Breakthrough into the Future
**Not part of the CME program*
Room Name: Fleur de Lis
 Welcome from the ASPAN Leadership: Vision and Goals - Erika A. Petersen, MD, David W. Lee, MD, Melissa Murphy, MD, MPH
 8:30 AM - 12:00 PM



American Society of Pain and Neuroscience (ASPN) Presents PAIN, 2025
 Embracing Disruption, Driving Innovation.
 Chairman and Co-Founder: Timothy R. Deer, MD
 Vice Chairman and Co-Founder: Dawood Sayed, MD
 Fontainebleau, Miami Beach, Florida | July 16-July 20, 2025

Agenda

<p>8:30-9:00A Go from an IP Disclosure to Creating a Device Moderated by Erika A. Petersen, MD, Melissa Murphy, MD, MPH Panelists: Phil Falkner (Medtronic), Aydin Babakhani (Nervonik), Michael Onuschek (Presidio), Tim Ganey, PhD (VIVEX Biologics), Jodi Dubuclet (Abbott)</p>		
<p>9:00-9:30A The Process of Getting FDA Approval Moderated by Erika A. Petersen, MD, Melissa Murphy, MD, MPH Panelists: Jason Hannon (Mainstay), Andrew Schmelting (Medtronic), Jeff Kramer (Nervonik), E. Jeffrey Donner, MD (SI-TECHNOLOGY), James Paiva (Pacira)</p>		
<p>9:30-10:00A Running a Start-up Company - Challenges and Tips Moderated by Amol Sooin, MD Panelists: Shanth Thiyagalingam (PainTEQ), Rob Binney (ShiraTronics), Bill Niland (ReGelTec), Maria Bennett (SPR), Bob Compton (CornerLoc), Greg Banker (Vensana)</p>		
<p>10:00-10:30A Creating Data, Identify Key players, and Gaining Traction Moderated by Erika A. Petersen, MD, Melissa Murphy, MD, MPH Panelists: Allen Burton, MD (Abbott), Todd Langevin (Biotronik NEURO), Neil Dougherty (Spinal Simplicity), Michael Onuschek (Presidio), Krishnan Chakravarthy, MD, PHD</p>		
<p>10:30-11:00A Industry Merger and Acquisition: How to Position Your Business for Acquisition and What Business to Acquire Moderated by Michael A. Fishman, MD, MBA Panelists: Justin Klein (Vensana), Kris Krustangel (Vertos/Stryker), Rob Binney (ShiraTronics), Dennis Mcloughlin, Anthony Williams (Nevro), Mike Mathias (Saluda)</p>		
<p>11:00-11:30A Strategic Sales in Industry - Market Access and Sales Tips Moderated by Erika A. Petersen, MD, Melissa Murphy, MD, MPH Panelists: Kat Hurd (Med Tech Collective), Sean Bryant (VIVEX Biologics), Jameil Pendleton (MTV), Krishnan Chakravarthy MD, PHD, Joe Martella (BSCI)</p>		
11:35A-12:00P	Fleur de Lis	Neurotech Networking and Mingling
<p>ASPN Presents Practice Management Pearls for 2025 and Beyond Room Name: Fleur de Lis Course Director: Paul Lynch, MD 1:10-4:10 P</p>		

Agenda

<p>1:10-1:55P How to Grow Your Practice 1. Marketing - Presented by Paul Lynch, MD 2. Mergers and Acquisitions - Presented by Jessica Jameson, MD, FASA 3. Matching Capacity and Demand - Presented by Bea Salvanera, NP</p>		
<p>1:55-2:25P How to Negotiate with Payers in 2025 to Save Lives and Save Money Presented by Dawn A. Sparks, DO, and John V. Prunskis, MD</p>		
<p>2:25-2:55P How to Build a Smaller and Cheaper ASC in 2025 (With No Money Down!) Presented by Stanley Golovac, MD, Jordan Lee Tate, MD, MPH, and Mayank Gupta, MD</p>		
<p>2:55-3:25P Billing and Compliance Updates for 2025 Presented by Ellen Lin, MD, and Terin Champion</p>		
<p>3:25-3:55P Private Equity and Venture Capital: The Good, the Bad, and the Ugly Melissa Murphy, MD, MPH, Yeshvant A. Navalgund, MD, and Christopher Robinson, MD, PhD</p>		
<p>3:55-4:10P Incorporating Personal Injury into Your Practice Denis G. Patterson, DO, Selaiman Noori, MD, David D. Daggett, Esq., and Suzanne Manzi, MD</p>		
<p>Evening Events</p>		
<p>5:00-6:00P</p>	<p>Glimmer 5 and Terrace (4th Floor)</p>	<p>Young Innovators Reception Sponsored by Platinum Sponsor Medtronic Presentation of Young Innovator Award <i>*Not part of the CME program</i></p>
<p>6:00-7:30P</p>	<p>Fleur de Lis</p>	<p>Poster to Podium Program Presentations Meet & Greet <i>*Not part of the CME program</i></p>
		<p>Moderated by Erika Petersen, MD All Attendees Welcome Including Industry</p>



American Society of Pain and Neuroscience (ASPAN) Presents PAIN, 2025
 Embracing Disruption, Driving Innovation.
 Chairman and Co-Founder: Timothy R. Deer, MD
 Vice Chairman and Co-Founder: Dawood Sayed, MD
 Fontainebleau, Miami Beach, Florida | July 16-July 20, 2025
Agenda

Friday, July 18, 2025			
Time (EDT)	Location	Topic	Speakers
6:30-7:00A	Luster Lobby	ESSETRICS® Exercise Class Sponsored By Mainstay Medical	Alane B. Costanzo, MD
7:00A	Luster Lobby	Registration Open	
7:15-8:15A	Glimmer 1-4 (4th Floor)	Breakfast Symposium Sponsored by Gold Sponsor Nalu Medical Nalu PNS: Confidently treat more patients Join us for a discussion on PNS outcomes, economics, and our newest innovations <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	
General Session:			
Day 1 Embracing Disruption, Driving Innovation. Minimally Invasive Spine			
Block 1: Minimally Invasive Spine			
Session Moderators: Dawood Sayed, MD			
8:15-8:25A	Fontaine	Welcome to ASPAN PAIN 2025: Embracing Disruption, Driving Innovation.	Timothy R. Deer, MD, and Dawood Sayed, MD
8:25-8:45A	Fontaine	Lateral-Based Approaches to the Lumbar Spine and SI Joint: Clinical Utility and Practical Applications	Moderators: Douglas P. Beall, MD, and Ashley Bailey-Classen, DO Panelists: Larry T. Khoo, MD, Chad B. Stephens, DO, Justine Pearl, MD, and Jonathan Hyde, MD, John Stevenson, MD, Denis G. Patterson, MD

Agenda

8:45-9:00A	Fontaine	Surgical Approaches to Facet Disease	Moderated by Patrick Buchanan, MD, and Ashley Bailey-Classen, DO Panelists: Robert Tibbs, MD, Pankaj Mehta, MD, Behnam Myers, DO, Didier Demesmin, MD, MBA, Sara Nashi, MD, Angel Boev, MD, FACS, Daniel Denis, MD, MSc
9:00-9:15A	Fontaine	Posterior Approaches to Lumbar Spine and SI Joint	Moderators: Pierce D. Nunley, MD, and Jordan Lee Tate, MD, MPH Panelists: Patrick Buchanan, MD, Aileen Padilla, DO, Chris Bovinet, DO, Aaron K. Calodney, MD, Angel Boev, MD, Theresa Williamson, MD, Jeffrey S. Henn, MD
9:15-9:30A	Fontaine	Current and Emerging Evidence for Minimally Invasive Treatments of Spinal Stenosis	Moderators: David Dickerson, MD, and Rebecca Sanders, MD Panelists: Peter Pryzbylkowski, MD, Ajay Antony, MD, Soriaya Motivala, MD, Ramo K. Naidu, MD, Michael J. Dorsi, MD, Theresa Williamson, MD, Kenneth B. Chapman, MD, Chris Bovinet, DO
Block 2: Ablative Therapies			
Abstract Presenters Introduced by Session Moderators: Kasra Amirdelfan, MD, Kenneth B. Chapman, MD			
9:30A	Fontaine	Introduction of the Best Research and Abstracts of ASPN 2024	David W. Lee, MD
9:32-9:39A	Fontaine	ASPN Top Abstract: <i>The MOTION Study: 5-Year Results</i>	Timothy Deer, MD
9:40-9:47A	Fontaine	ASPN Top Abstract: <i>Assessment of Real-World, Prospective Outcomes in Patients Treated With Cervical Radiofrequency Ablation for Chronic Pain (RAPID)</i>	David Provenzano, MD
9:48-9:55A	Fontaine	ASPN Top Abstract: <i>Clinical Outcomes Using Fast-Acting Sub-perception Therapy: Two-year results from a Multicenter Real-World Study in the United States</i>	Maged N. Guirguis, MD

Agenda

9:56-10:15A	Fontaine	Radiographic Selection for Emerging MIS Therapies <ul style="list-style-type: none"> • Basivertebral Nerve Ablation • Spinal Stenosis • Multifidus Dysfunction • Intradiscal Therapies 	Moderators: Kasra Amirdelfan, MD, and Douglas P. Beall, MD Panelists: Dan T. D. Nguyen, MD, Nomen Azeem, MD, Erika A. Petersen, MD, Jad Khalil, MD, John S. Michels, MD, Josh Hirsch, MD, Brian Durkin, DO, Kevin Foley, MD
10:15-10:30A	Fontaine	Diagnosis and Treatment of Discogenic vs. Vertebrogenic Pain: Evidence and Clinical Experience	Moderated by Timothy T. Davis, MD, and Sudhir Diwan, MD Panelists: Yashar Eshraghi, MD, Jennifer Marie Lee, MD, Mark N. Malinowski, DO, David W. Lee, MD, Dan T. D. Nguyen, MD, Jeffrey S. Henn, MD
10:25-10:45A	Sparkle Ballroom	Break with Exhibits and Abstract Poster Viewing - Sponsored by Platinum Sponsor Medtronic <i>Kyphon™ Balloon Kyphoplasty: Recent studies combat misconceptions</i> Presented By Joshua Hirsch, MD Product Theater Room Name Ocean Promenade West - Sponsored By Aurora Spine and Pain <i>*Not part of the CME program</i>	
General Session Room Name: Fontaine Ballroom Block 3: OrthoBiologics & Pharmacologics Abstract Presenters Introduced by Session Moderators: Derron K. Wilson, MD, FIPP, and Nasir Khatri, MD		APP Break Out Course Room Name: Fleur de Lis Course Directors: Ashley G. Comer, APRN, NP-C, Zohra Hussaini MSN, FNP-BC, MBA, Brittney Misercola, MSN, FNP-C, Casey Grillo, FNP-C, and Morteza Rabii, DNP, APRN, AGPCNP-BCC	
10:45-10:52A ASPN Top Abstract: <i>A Prospective Multicenter Pilot Study Evaluating the Safety and Efficacy of Intradiscal Nucleus Pulposus Allograft Supplementation for Symptomatic Discogenic Low Back Pain</i> Presented by Douglas P. Beall, MD		10:45-11:20A What's New in Neuromodulation and Choosing the right Therapy Moderated by Casey Grillo, FNP-C Panelists: Kristen Durkin, RN, AGNP-C, Patrick McGinn, PA, Ashley G. Comer, APRN, NP-C, Melissa Murphy, MD, MPH	

<p>10:53-11:00A ASPN Top Abstract: <i>Efficacy and Safety of Allogeneic Mesenchymal Precursor Cells With and Without Hyaluronic Acid for Treatment of Chronic Low Back Pain: A Prospective, Randomized, Double Blind, Concurrent-Controlled 36-Month Study</i></p> <p>Presented by Matthew Shonnard, MD</p>	
<p>11:00-11:15A Latest Evidence in Biologic Intradiscal Therapy Moderated by Jordan Lee Tate, MD, MPH, and Kasra Amirdelfan, MD Panelists: Sudhir Diwan, MD, Alane B. Costanzo, MD, Mehul J. Desai, MD, MPH, Corey W. Hunter, MD, Greg Moore, MD, Jay S. Grider, DO, PhD, MBA</p>	
<p>11:15-11:30A Non-Biologic Therapeutic Options for Discogenic Pain Moderated by Douglas P. Beall, MD, and Nomen Azeem, MD Panelists: Aaron K. Calodney, MD, Jonathan Carlson, MD, Corey W. Hunter, MD, Alane B. Costanzo, MD, Yeshvant A. Navalgund, MD, Derron K. Wilson, MD</p>	<p>11:20A-12:00P What's on the Horizon for Minimally Invasive Spine: Decision-Making for Spine Patients Moderated by Brittney Misercola, MSN, FNP-C Panelists: Morteza Rabii, DNP, APRN, AGPCNP-BCC, Soriaya Motivala, MD, Larry T. Khoo, MD, Daniel Kloster, MD</p> <p>Stick around in Fleur de Lis for the APP Lunch Symposium Sponsored by Spinal Simplicity!</p>
<p>11:30-11:50A Emerging Non-Opioid Pharmacological Treatments: Psychedelics, Cannabis, Ketamine and more Moderated by Krishnan Chakravarthy, MD, PhD, and Yeshvant A. Navalgund, MD Panelists: Shravani Durbhakula, MD, MPH, MBA, Alexander Escobar, MD, Timothy T. Davis, MD, Iden Cowan, MD, Myrdalis Diaz-Ramirez, MD, Michael F. Esposito, MD</p>	
<p>11:50A-12:00P</p>	<p>Transition to Lunch</p>



American Society of Pain and Neuroscience (ASPAN) Presents PAIN, 2025
 Embracing Disruption, Driving Innovation.
 Chairman and Co-Founder: Timothy R. Deer, MD
 Vice Chairman and Co-Founder: Dawood Sayed, MD
 Fontainebleau, Miami Beach, Florida | July 16-July 20, 2025

Agenda

<p>12:00-1:00P</p>	<p>APP Lunch Symposium Sponsored by Spinal Simplicity Room Name: Fleur de Lis</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>Lunch Symposium Sponsored by Palladium Sponsor Abbott Room Name: Glimmer 1-4 (4th Floor)</p> <p><i>INNOVATION AND IMPACT: EXPLORE OUR THERAPY ADVANCEMENTS, DIGITAL INNOVATIONS, AND PATIENTS LONG-TERM OUTCOMES</i> Presented by Timothy Deer, MD, David Dickerson, MD, Steven Falowski, MD, Kiran V. Patel, MD, Derron Wilson, 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>Lunch Symposium Sponsored by Palladium Sponsor Boston Scientific Room Name: Glimmer 5-7 (4th Floor)</p> <p><i>The Boston Scientific Difference: Intracept™ Procedure and FAST™ SCS Therapy</i> <i>Unlocking Patient Growth & Impact with Proven Technologies</i> Presented by Louis J. Raso, MD, Ramana K. Naidu, MD, Brian Durkin, DO, Soriaya Motivala, MD, Michael Esposito, 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>Lunch Symposium Sponsored by Platinum Sponsor Stryker Room Name: Flicker (4th Floor)</p> <p><i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i></p>
<p>1:00-1:10P</p>	<p>Transition to Session</p>
<p>General Session Room Name: Fontaine Ballroom Block 4: Masters of Industry</p>	<p>APP Break Out Course</p>

<p>1:10-1:30P The Next Wave of Pain Technologies: Pioneering Solutions and Strategic Roadmaps</p> <p><i>Join industry disruptors as they unveil the latest advancements in pain management, focusing on neuromodulation, regenerative medicine, and innovative therapeutic approaches. Learn how these emerging leaders are navigating regulatory pathways, advancing clinical data, and differentiating their platforms in a competitive market.</i></p> <p>Moderated by Timothy R. Deer, MD, and Dawood Sayed, MD Featuring: Saluda, Aure Bruneau (Curonix), Josh Boggs (SPR), John McCallum (VIVEX Biologics) <i>*Not part of the CME program</i></p>	<p>1:10-1:30P Pelvic Pain Presented by Sarah Gill, NP</p>
<p>1:30-1:50P Shaping the Future of Pain Management: Industry Giants Discuss Strategic Pathways</p> <p><i>Industry leaders share their strategic outlook on advancing pain management, exploring key areas like AI integration, adaptive therapies, and global market expansion. This panel will provide insights into emerging technologies, regulatory challenges, and strategic initiatives shaping the next generation of pain treatment solutions.</i></p> <p>Moderated by Timothy R. Deer, MD, and Dawood Sayed, MD Featuring: Rebecca Wilkins Abbott, Paolo Di Vincenzo (Medtronic), Brian D. Betts (Boston Scientific), John Collier (BIOTRONIK Neuro) <i>*Not part of the CME program</i></p>	<p>1:30-1:50P Treating Chronic Pain in Patients with Rheumatologic Conditions Presented by Marie Zambelli, MSN, APRN, FNP-C</p>

<p>1:50-2:20P</p>	<p>Sparkle Ballroom</p>	<p>Break with Exhibits and Abstract Poster Viewing: Sponsored by Diamond Sponsor Saluda Medical Room Name Sparkle Ballroom</p> <p>Product Theater - Sponsored by Pacira Pharmaceuticals, Inc Room Name: Ocean Promenade West</p> <p><i>*Not part of the CME program</i></p>	
<p>Block 5: Latest Advancements in Spine Surgery Room Name: Fontaine Ballroom Session Moderator: Eric T. Lee, MD</p>		<p>APP Break Out Course Room Name: Fleur de Lis</p>	
<p>2:20-2:40P The Evidence for Endoscopic Spine Moderated by Gurtej Singh, MD, and Dawn A. Sparks, DO Panelists: Soriaya Motivala, MD, Manish Raj, MD, Steven M. Falowski, MD, Ali Valimahomed, MD, Sanjeev Kumar, MD, Nandan Lad, MD, PhD</p>	<p>2:25-3:00P Updates in IPM: Policy for 2025 and Documentation Recommendations Presented by Hemant Kalia, MD, MPH</p>		
<p>2:40-3:00P Motion Sparing vs. Fusion of the Spine: To Fuse or Not to Fuse Moderated by Erika Petersen, MD, and Paul Verrills, MD Panelists: Pierce D. Nunley, MD, Ajay Antony, MD, Harry P. Sukumaran, MD, Michael J. Dorsi, MD, Soriaya Motivala, MD, Jad Khalil, MD, Kevin Foley, MD</p>	<p>3:00-3:25P Flash Talks:</p> <ul style="list-style-type: none"> - Medication Management - New for 2025 <p>Presented by Zohra Hussaini, MSN, FNP-BC, MBA, and Morteza Rabii, DNP, APRN, AGPCNP-BCC</p>		
<p>3:00-3:20P Adjacent Segment Disease: What Comes Next After Fusion? Moderated by John S. Michels, MD, and Neel Mehta, MD Panelists: Pankaj Mehta, MD, Ali Nairizi, MD, Behnam Myers, DO, Kiran V. Patel, MD, Sanup Pathak, MD, George M. Galvan, MD</p>			

Agenda

<p>3:20-3:40P Advancements in Endoscopic Spine Panel Moderated by Alaa Abd-Elseyed, MD, MPH, and Stephanie Vanterpool, MD, MBA Panelists: Gurtej Singh, MD, Didier Demesmin, MD, MBA, Manish Raj, MD, Nameer Haider MD, Steven Hochschuler, MD, Mayank Gupta, MD</p>	<p>3:30-3:50P APP Award Presentations</p>
<p>3:40-4:00P The Global Spine Initiative: Spine Surgeon and Interventionist Case Study Moderated by Anthony Giuffrida, MD, and Reginald Davis, MD Panelists: Douglas P. Beall, MD, Nomen Azeem, MD, Stephen Hochschuler, MD, Robert Eastlack, MD, Ashley Bailey-Classen, DO, Gurtej Singh, MD, Pierce D. Nunley, MD</p>	<p>3:50-4:00P Surveys and End</p>
<p>4:00-4:20P Interventional Pain Physicians in Orthopedics Practices: How to Maximize Collaboration with Orthopedic Surgeons and Advance Orthopedic Pain Moderated by Melissa Murphy, MD, MPH, and Scott Kreiner, MD Panelists: Larry T. Khoo, MD, Kenneth Candido, MD, Alexios Carayannopoulos, DO, MPH, Jennifer Marie Lee, MD, Eric T. Lee, MD, Jad Khalil, MD, John Stevenson, MD</p>	
<p>4:20-4:40P The Quandary & Future of Medical Education in Spine and Pain Moderator: Scott G. Pritzlaff, MD, Sayed Emal Wahezi, MD Panelists: Yashar Eshraghi, MD, Vinny Francio, MD, Johnathan Goree, MD, Shravani Durbhakula, MD, MPH, MBA, Christopher Robinson, MD, PhD, Latrice Akuamoah, MD, MPH</p>	
<p>4:40-4:50P Closing Remarks: RACE PROMO: ASPN 5K Charity Race</p> <p><i>*Not part of the CME program</i> Awards, Surveys and End</p>	
<p>4:50-5:00P</p>	<p>Change for Race and Transition to Ocean Lawn</p>



American Society of Pain and Neuroscience (ASPAN) Presents PAIN, 2025
 Embracing Disruption, Driving Innovation.
 Chairman and Co-Founder: Timothy R. Deer, MD
 Vice Chairman and Co-Founder: Dawood Sayed, MD
 Fontainebleau, Miami Beach, Florida | July 16-July 20, 2025

Agenda

5:00-5:30P	Ocean Lawn	<p>ASPAN Annual 5k Walk and Run for Charity <i>"ASPAN Innovation Speedway 5K"</i></p> <p>Beneficiaries: Ironman Foundation</p> <p>Race Shirts sponsored by Kelly Castleberry of Morgan Stanley/Graystone <i>*Not part of the CME program</i></p>
5:30-6:00P	Ocean Lawn	<p>Post-Race Reception Sponsored by Diamond Sponsor Basic Home Infusion</p> <p><i>*Not part of the CME program</i></p>
6:30-7:30P	Glimmer 5-7 (4th Floor)	<p>Faculty Reception and Awards Symposium Sponsored by Palladium Sponsor Abbott Welcome - Timothy R. Deer, MD, Dawood Sayed, MD, Erika A. Petersen, MD, Krishnan Chakravarthy, MD, PhD 6:30-6:45P Check In 6:45-7:00P Sponsored Presentation: <i>ADVANCEMENTS IN NEUROMODULATION: THERAPY DIFFERENTIATION AND DIGITAL DEVELOPMENT</i> Presented by Timothy Deer, MD, Steven Falowski, MD, Dawood Sayed, MD 7:00-7:30 ASPAN AWARD PRESENTATIONS <i>*Not part of the CME program</i></p>

Saturday, July 19, 2025			
Time (EDT)	Location		
6:00-6:30A	Luster Lobby	ESSETRICS [®] Exercise Class Sponsored By Mainstay Medical	Alane B. Costanzo, MD
7:00A	Registration Open in Luster Lobby		
Time (EDT)	General Session: Room Name: Fontaine Ballroom Day Two: Embracing Disruption, Driving Innovation. Neuromodulation		

7:00-7:45A	Breakfast - Sponsored by Platinum Sponsor Stryker Room Name: Glimmer 1-4 (4th Floor) <i>*Not part of the CME program</i>	
7:45-8:00A	Welcome to Day 2 - Presidential Address in Fontaine Ballroom	Presented by: Erika A. Petersen, MD and Krishnan Chakravarthy, MD, PhD
Block 6: Spinal Cord Stimulation: Where Are We Now? Room Name: Fontaine Ballroom Abstract Presenters Introduced by Session Moderators: TBD		
8:00-8:15A	The Emerging Understanding of MOA and its Role in Shaping the Future of SCS?	Moderated by Krishnan Chakravarthy, MD, PhD, and Erika A. Petersen, MD Panelists: Nandan Lad, MD, PhD, Leonardo Kapural, MD, PhD, Nick Knezevic, MD, PhD, Kathleen W. Meacham, MD, PhD, Salim M. Hayek, MD, PhD, Nestor D. Tomycz, MD
8:15-8:30A	Technological Advancements in SCS (Remote Programming, MRI Compatibility, Sensing Capabilities): What Does this Mean for Patients? And Providers?	Moderated by Helen M. Blake, MD, MBA, and Eric G. Cornidez, MD, MBA Panelist: Alexander Escobar, MD, Christopher J. Gilligan, MD, Jennifer Marie Lee, MD, Krishnan Chakravarthy, MD, PhD, Ramana Naidu, MD, Steven M. Falowski, MD, Chau M. Vu, MD
8:30-8:45A	New Indications in Neuromodulation: Sleep Apnea, Bladder Dysfunction, PLP, Pelvic Pain, Ischemic Limb	Moderated by Mark N. Malinowski, DO, and Kiran V. Patel, MD Panelists: Jordan Lee Tate, MD, MPH, Johnathan Goree, MD, Maged Guirguis, MD, Jennifer Hah, MD, Amitabh Gulati, MD, Mayank Gupta, MD, Salim M. Hayek, MD, PhD
8:45-8:52A	ASPN Top Abstract: <i>Long-term Optimization of Spinal Cord Stimulation Through Proactive Remote Monitoring: 12-Month Results From a Real-World Cohort</i>	Jason E. Pope, MD
8:53-9:00A	ASPN Top Abstract: <i>The Distinct Study: 24-Month SCS Data for Nonsurgical Low Back Pain</i>	Timothy Deer, MD

9:01-9:08A	ASPN Top Abstract: <i>Patient Reported Outcomes of Closed Loop Multi-Waveform Spinal Cord Stimulation</i>	Ashish Gulve, MD
9:09-9:25A	Biomarkers in Pain Management: Science of SciFi? Neuromonitoring vs. Closed Loop	Moderated by Timothy R. Lubenow, MD, and Jason E. Pope, MD Panelist: Chau M. Vu, MD, Jay S. Grider, DO, PhD, MBA, Louis J. Raso, MD, Paul Verrills, MD, Nestor D. Tomycz, MD
9:25-9:40A	Neuromodulation Complication Management: Case Series Review	Moderator: Michael J. Dorsi, MD, and Jennifer Hah, MD Panelist: David W. Lee, MD, Sean Li, MD, Michael S. Leong, MD, Greg Moore, MD, Helen M. Blake, MD, MBA, Stephanie Vanterpool, MD, MBA
9:40-10:00A	<p>Break with Exhibits and Abstract Poster Viewing - Sponsored by Platinum Sponsor Medtronic Room Name: Sparkle Ballroom</p> <p><i>Advancing Spinal Cord Stimulation: Painful diabetic peripheral neuropathy (DPN) and the case for closed-loop innovation</i> Presented By Tariq AlFarra, DO</p> <p>Product Theater Room Name: Ocean Promenade West - Sponsored by Savas Medical Room Name: Ocean Promenade East</p> <p><i>Purpose-Built Disruption: An Introduction to the EMR Platform Transforming Pain Clinics</i> Presented By Tim Leier MD, PhD and Harrier Cagatay MHS, PA-C <i>*Not part of the CME program</i></p>	
<p>Block 7: ASPN Executive Collaboration Committee: Building Bridges to the Future Room Name: Fontaine Ballroom</p>		
10:00-10:05A	ASPN Collaboration Panel Introduction and Format, and Presentation of Lifetime Achievement Award Lifetime Achievement Award Recipient: Robert Levy, MD, PhD	Dawood Sayed, MD, and Timothy R. Deer, MD

<p>10:05-10:12A</p>	<p>ASPN Top Abstract: <i>Instrumented Posterior Arthrodesis of the Lumbar Spine: Prospective Study Evaluating Fusion Outcomes</i></p> <p>Presented By Matthew Skoblar, DO</p>	<p>Q&A: Moderated by Timothy Deer, MD, Dawood Sayed, MD, and Kasra Amirdelfan, MD Panelists: Robert Levy, MD, PhD, Steven M. Falowski, MD, Steven Hochschuler, MD, Erika A. Petersen, MD, Marshall Bedder, MD, Shravani Durbhakula, MD, MPH, MBA</p>
<p>10:17-10:24A</p>	<p>ASPN Top Abstract: <i>Treatment of Painful Lumbar Degenerative Disc Disease: 2-Year Data Review</i></p> <p>Presented By Kasra Amirdelfan, MD</p>	<p>Q&A: Moderated by Timothy Deer, MD, Dawood Sayed, MD, and Kasra Amirdelfan, MD Panelists: Robert Levy, MD, PhD, Steven M. Falowski, MD, Steven Hochschuler, MD, Erika A. Petersen, MD, Marshall Bedder, MD, Shravani Durbhakula, MD, MPH, MBA</p>
<p>10:29-10:36A</p>	<p>ASPN Top Abstract: <i>Ultra Low Frequency Neuromodulation Effectively Treats Nociceptive Chronic Low Back Pain</i></p> <p>Presented By Paul Verrills, MD</p>	<p>Q&A: Moderated by Timothy Deer, MD, Dawood Sayed, MD, and Kasra Amirdelfan, MD Panelists: Robert Levy, MD, PhD, Steven M. Falowski, MD, Steven Hochschuler, MD, Erika A. Petersen, MD, Marshall Bedder, MD, Shravani Durbhakula, MD, MPH, MBA</p>
<p>10:40-10:55A</p>	<p>Delayed Gratification: Can Suffering Make You Better?</p>	<p>Timothy R. Deer, MD</p>
<p>10:55-11:00A</p>	<p>ISPN: Update Uniting the Kingdom of Pain London, UK</p>	<p>Presented by Adnan Al-Kaisy, MD</p>
<p>Block 8: Peripheral Nerve Stimulation: Pushing the Boundaries on Applications and Outcomes Room Name: Fontaine Ballroom Session Moderators: Mehul J. Desai, MD, MPH</p>		
<p>11:00-11:15A</p>	<p>Next Generation PNS: Innovations and Future Directions</p>	<p>Moderated by Amitabh Gulati, MD, and Iden Cowan, MD Panelists: David Reece, DO, Jay M. Shah, MD, Harry P. Sukumaran, MD, Chad B. Stephens, DO, Rebecca Sanders, MD</p>



American Society of Pain and Neuroscience (ASPN) Presents PAIN, 2025
 Embracing Disruption, Driving Innovation.
 Chairman and Co-Founder: Timothy R. Deer, MD
 Vice Chairman and Co-Founder: Dawood Sayed, MD
 Fontainebleau, Miami Beach, Florida | July 16-July 20, 2025

Agenda

<p>11:15-11:35A Precision in PNS: Finding the Right Patient, Device, and Target</p>	<p>Moderated by Meredith Langhorst, MD, and Tory L. McJunkin, MD Panelist: Jessica Jameson, MD, Usman Latif, MD, MBA, Hemant Kalia, MD, MPH, Youssef Josephson, DO, and Michael F. Esposito, MD, Robert Moghim, MD</p>
<p>11:35-11:50A Maximizing Outcomes for Multifidus Muscle Restoration: Core Strengthening for Pain Relief, the Evidence for Neuromodulation, PT and Exercise</p>	<p>Moderated by Timothy R. Lubenow, MD, and Justine D. Pearl, MD Panelists: Christopher Gilligan, MD; Alexios G. Carayannopoulos, DO, Vinny Francio, MD, Meredith Langhorst, MD, David Reece, DO, Morad Nasser, MD</p>
<p>11:50A-12:00P</p>	<p>Transition to Lunch</p>
<p>12:00-1:00P</p>	<p>Lunch Symposium Sponsored by Gold Sponsor INJX Room Name: Glimmer 1-4 (4th Floor) <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>Lunch Symposium Sponsored by Platinum Sponsor Medtronic Room Name: Glimmer 5-7 (4th Floor) <i>Advancing Patient-Centric Solutions with Inceptiv™ SCS and SyncroMed™ III TDD</i> Presented By Krishnan Chakravarthy, MD, PhD, Mehul Desai, MD, MPH, Melissa Murphy, MD, MPH <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i></p>
<p>1:00-1:10P</p>	<p>Transition Back to Sessions</p>
<p>General Session: Room Name: Fontaine Ballroom Block 9: The Science Hour</p>	<p>Business and Law in Medicine Break Out Session: Room Name: Fleur de Lis Course Director: Rehan Waheed, DO, JD, Anil K. Sharma, MD</p>

<p>1:10-2:00P Topics in Neuroscience: The Science Hour <i>The Science of Chronic Pain Management: Overlapping Keys to the Fountain of Youth?</i></p> <p>Moderated by Kate Meacham, MD, PhD Panelists: Nick Knezevic, MD, PhD, Kai McGreevy, MD, Rick M. Paicius, MD, Prasad Shirvalkar, MD, PhD, Vinny Francio, MD</p>	<p>1:10-1:35P How Do I Sell My Practice? Mergers & Acquisitions, Private Equity, and Beyond Moderated by Sanjay Bakshi, MD, MBA, and David Dickerson, MD Panelists: Rany T. Abdallah, MD, PhD, MBA, Jonathan Carlson, MD, Sean Li, MD, Jay M. Shah, MD, Tina Rivenbark</p>
<p>2:00-2:07P ASPN Top Abstract: <i>Percutaneous peripheral nerve stimulation relieves chronic postoperative pain and pain interference after total knee arthroplasty 12 months after treatment</i></p> <p>Presented By Jonathan Goree, MD</p>	<p>1:35-2:00P Practical Healthcare Compliance Necessities Moderated by Gladstone C. McDowell II, MD Panelist: David Kloth, MD, Jeffrey Peterson, William M. Tiano, Esq., Tina Rivenbark, Denis G. Patterson, DO</p>
<p>2:08-2:15P ASPN Top Abstract: <i>Functional Improvements with Peripheral Nerve Stimulation: Early Results from the COMFORT 2 Randomized Control Trial</i></p> <p>Presented By Mitchell Engle, MD, PhD</p>	<p>2:00-2:25P Fraud, Waste & Abuse: The Government's Initiatives Moderated by Rehan Waheed, DO, JD Panelist: Ronald Chapman II, JD, Harold Cordner, MD, Mark Coleman, MD, Kevin Cairns, MD, MPH</p>
<p>2:16-2:23P ASPN Top Abstract: <i>Functional Outcomes in Low Back Pain Subjects with a Novel Interspinous Fusion Device: REFINE Study 12 Month Results</i></p> <p>Presented By Steven Falowski, MD</p>	

<p>2:25-2:55P</p>	<p>Break with Exhibits and Abstract Poster Viewing Room Name: Sparkle Ballroom</p> <p>Product Theater Room Name: Ocean Promenade West - Sponsored by Silver Sponsor Mainstay Medical *Not part of the CME program</p>	
<p>Block 10: Alternative Pain Management Session Moderators: Alane B. Costanzo, MD</p>		<p>Business and Law in Medicine Break Out Session: Room Name: Fleur de Lis Course Director: Rehan Waheed, DO, JD, Anil K. Sharma, MD</p>
<p>2:55-3:02P ASPAN Top Abstract: <i>Real-World Outcomes using Evoke® System with EVA- in Chronic Pain Management: Insights from the ULTRA Study</i></p>	<p>3:00-3:20P Building Your Brand: Review of ASPAN Social Media Guidance & More Moderated by Anthony Giuffrida, MD Panelists: Cyrus Yazdi, MD, Rany T. Abdallah, MD, PhD, MBA, Edward Podgorski, MD, Tolga Suvar, MD, Iden Cowan, MD</p>	
<p>3:02-3:17P Navigating Enabling Technologies with the FDA Moderated by Peter S. Staats, MD, MBA Panelists: Christopher J. Gilligan, MD, Nandan Lad, MD, PhD, Erika A. Petersen, MD, Krishnan Chakravarthy, MD, PhD, Leonardo Kapural, MD, PhD, Jason E. Pope, MD, Kai McGreevy, MD</p>		
<p>3:17-3:32P Cancer Pain Treatment: Beyond Intrathecal Pain Therapy Moderated by Hemant Kalia, MD, MPH, and Monika Y. Patel, MD Panelists: Reda M. Tolba, MD, Mansoor M. Aman, MD, Vinay Puttanniah, MD, Vinita Singh, MD, Christopher M. Lam, MD</p>		
<p>3:32-3:47P Controversies in Vertebral Augmentation Moderated by Sayed Emal Wahezi, MD, and Vinita Singh, MD Panelists: Peter G. Pryzbylkowski, MD, Matthew T. Ranson, MD, Louis J. Raso, MD, Josh Hirsch, MD</p>	<p>3:20-3:40P Medical Contract Negotiation and Review Moderated by Paul Lynch, MD Panelists: David Kloth, MD, Neel Mehta, MD, Samir J. Sheth, MD, William M. Tiano, Esq.</p>	

<p>3:47-4:02P Why Modern Intrathecal Pump Therapy is Different Than in the Past Moderated by Tammy Baker-Dann, DO, and Gladstone C. McDowell II, MD Panelists: Edward Podgorski, MD, Michael Danko, MD, Mansoor M. Aman, MD, George E. Girardi, MD, Jessica Jameson, MD, Christopher K. Kim, MD</p>	<p>3:40-4:00P Workers Compensation and Personal Injury in Spine & Pain Moderated by Morad Nasser, MD Panelists: Kunal Parikh, MD, Neville Campbell, MD, Nameer Haider MD, Harold Cordner, MD</p>
<p>4:02-4:17P Artificial Intelligence in the Treatment of Chronic Pain Panel Moderated by Ryan Budwany, MD, MBA, and Sandy Christiansen, MD Panelists: Keith-Austin Scarfo, DO, Michael S. Leong, MD, Vwaire Orhurhu, MD, Usman Latif, MD, MBA, Christopher A. Gilmore, MD, John V. Prunskis, MD</p>	<p>4:00-4:20P Consideration in Partnering or Building out an Ambulatory Surgery Center Moderated by Stanley Golovac, MD Panelists: Richard Paicius, MD, Timothy T. Davis, MD, Yeshvant Navalgund, MD, Ali Nairizi, MD, and Matt Rupert, MD</p>
<p>4:17-4:32P Best Psychological Practices to Optimize Outcomes in Implantable Technologies Moderators: Sandy Christiansen, MD, and Rohit Aiyer, MD Panelists: Scott G. Pritzlaff, MD, Jason C. Rosenberg, MD, Christopher A. Gilmore, MD, Aashish Jay Kumar, MD, Octavia Kincaid, MD</p>	<p>4:20-4:40P Investing Beyond Medicine: How to Diversify Your Portfolio to Prepare for Retirement Moderated by Anil K. Sharma, MD Panelists: Cyrus Yazdi, MD, Tory L. McLunkin, MD, Peter S. Staats, MD, MBA, Mark Coleman, MD, Kevin Cairns, MD, MPH, Stanley Golovac, MD</p>
<p>4:32-4:47P New Advancements in Non-Invasive Neuromodulation Moderated by Shachi Patel, MD, and Kai McGreevy, MD Panelists: Kenneth Candido, MD, Rohit Aiyer, MD, Prasad Shirvalkar, MD, PhD, Morad Nasser, MD, Marshall Bedder, MD, Adnan Al-Kaisy, MD</p>	
<p>4:47-5:02P Creating a Pain Management Center of Excellence Moderated by Maged Guirguis, MD, and Robert Levy, MD, PhD Panelist: Christopher K. Kim, MD, Stanley Golovac, MD, Monika Y. Patel, MD, Jason E. Pope, MD</p>	<p>4:40-4:45P Closing Remarks Rehan Waheed, DO, JD, and Anil K. Sharma, MD</p>



American Society of Pain and Neuroscience (ASPAN) Presents PAIN, 2025
 Embracing Disruption, Driving Innovation.
 Chairman and Co-Founder: Timothy R. Deer, MD
 Vice Chairman and Co-Founder: Dawood Sayed, MD
 Fontainebleau, Miami Beach, Florida | July 16-July 20, 2025

Agenda

5:02-5:05P	Closing Remarks and Abstract Awards Erika Petersen, MD, and Krishnan Chakravarthy, MD, PhD	
5:00-6:00P	Cocktail Reception Sponsored by Gold Sponsor Curonix Room Name: Glimmer 5 (4th floor) <i>Driving Full-Body PNS Forward through Innovation, Evidence and Accessibility</i> <i>*Not part of the CME program</i>	
6:30-8:00P	ASPAN Charity Reception Sponsored by Aurora Spine and Pain Location: Flicker (4th Floor) Beneficiaries: IRONMAN Foundation and Return to Duty <i>*Not part of the CME program</i>	Hosted by: Timothy R. Deer, MD, and Dawood Sayed, MD All Attendees Invited - \$50 Donation Recommended Attire:

Sunday, July 20, 2025			
Time (EDT)	Location	Topic	Speakers
8:00A	Sparkle Ballroom	Exhibitors Please Break Down Exhibits	
8:00-8:10A	Fontaine Ballroom	Welcome Day 3: Future Leaders of Spine & Pain	Melissa Murphy, MD, MPH

8:10-8:35A	Fontaine Ballroom	<p>8:12-8:19A ASPN Poster to Podium Top Abstract: <i>The Effectiveness of Ultrasound-Guided Lateral Femoral Cutaneous Nerve Block for Meralgia Paresthetica</i> - Presented By Michael Appeadu, MD</p> <p>8:20-8:27A ASPN Poster to Podium Top Abstract: <i>Real-World Outcomes of a Closed-Loop Spinal Cord Stimulation System</i> - Presented By Benjamin Gill, DO, MBA</p> <p>8:28-8:35A ASPN Poster to Podium Top Abstract: <i>Disparity in Teaching Diagnostic and Therapeutic Lumbar Intra-Discal Steroid Injections in Pain Medicine Fellowships</i> - Presented By Roshan Chhatlani, DO</p>	Introduced by Melissa Murphy, MD, MPH
8:35-8:55A	Fontaine Ballroom	Young Innovators' Panel: Building Success in the First 5 Years of Clinical Practice	<p>Moderators: Vinny Francio, MD and Anuj Shah, DO</p> <p>Panelists: Tariq Alfarra, DO, Benjamin Gill, DO, Pooja Chopra, MD, Tolga Suvar, MD, Aileen Padilla, DO, Lucas Bracero, MD, MBA, Yussr Ibrahim, MD, Nasir Khatri, MD</p>
8:55-9:15A	Fontaine Ballroom	Physician Wellness: How to Avoid Physician Burnout	<p>Moderators: Alane B. Costanzo, MD, Krishnan Chakravarthy, MD, PhD</p> <p>Panelists: Dawn Sparks, DO, Paul Verrills, MD, Myrdalis Diaz-Ramirez, MD, Vwaire Orhurhu, MD, MPH, Samir J. Sheth, MD</p>
9:15-9:22A	Fontaine Ballroom	ASPN Top Abstract: <i>Treatment of Painful Diabetic Neuropathy: 10 kHz SCS Provides Durable Pain Relief and Sensory Function Improvements</i>	Douglas Beall, MD

Agenda

9:23-9:30A	Fontaine Ballroom	ASPN Top Abstract: <i>Physician-Run Double-Blinded Prospective Randomized Multi-Area Passive Recharge Burst Spinal Cord Stimulator Trial Study</i>	Steven M. Falowski, MD
9:31-9:38A	Fontaine Ballroom	ASPN Top Abstract: <i>Early Outcomes of the Discure System for the Treatment of Lumbar Degenerative Disc Disease: A Prospective Multicenter Feasibility Study</i>	Douglas P. Beall, MD
9:40-10:00A	Fontaine Ballroom	Craniofacial Pain	Moderated by Alaa Abd-Elsayed, MD, and Leonardo Kapural, MD, PhD Panelists: Matt Rupert, MD, Jason C. Rosenberg, MD, Reda M. Tolba, MD, Prasad Shirvalkar, MD, PhD, Octavia Kincaid, MD
10:00-10:05A	Fontaine Ballroom	Encroachment, Erosion, and Empowerment: A Blueprint for Physician Unity in an Uncertain Future	Rudy Malayil, MD
10:05-10:10A	Fontaine Ballroom	Encroachment, Erosion, and Empowerment: A Blueprint for Physician Unity in an Uncertain Future- A Panel Discussion	Moderated by: Rudy Malayil, MD Panelists: Alane B. Costanzo, MD, Hemant Kalia, MD, MPH, Dawn Sparks, DO
10:11-10:18	Fontaine Ballroom	ASPN Top Abstract: <i>Impact of SCS and DRG Implants on Long-Term Opioid Use: Insights from Medicare Data</i>	Nandan Lad, MD, PhD
10:20-10:40A	Fontaine Ballroom	ASPN Leadership Lecture Series: Topic The Dilemma of Axial Low Back Pain	Nagy Mekhail, MD, PhD
10:40-11:10A	Fontaine Ballroom	Diversity Panel	Moderated by Latrice Akuamoah, MD, and Michael F. Esposito, MD Panelists: Pooja R. Chopra, MD, Eric G. Cornidez, MD, MBA, Tammy Dann, DO, MPH, Wwaire Orhurhu, MD, MPH



American Society of Pain and Neuroscience (ASPAN) Presents PAIN, 2025
 Embracing Disruption, Driving Innovation.
 Chairman and Co-Founder: Timothy R. Deer, MD
 Vice Chairman and Co-Founder: Dawood Sayed, MD
 Fontainebleau, Miami Beach, Florida | July 16-July 20, 2025

Agenda

11:10-11:17A	Fontaine Ballroom	ASPAN Top Abstract: <i>Lateral Transiliac MIS SI Joint Fusion: Primary Endpoint Results from the Prospective Multicenter STACI Trial</i>	Douglas P. Beall, MD
11:18-11:25A	Fontaine Ballroom	ASPAN Top Abstract: <i>Optogenetic Neuromodulation of the Spine for Chronic Pain Therapy</i>	Jeffrey Arle, MD, PhD
11:26-11:33A	Fontaine Ballroom	ASPAN Top Abstract: <i>Prospective Research Study of Cervical Radiofrequency Ablation for Axial Neck Pain with Cervicogenic Headache Treated with Nimbus at the Third Occipital Nerve and C4 Medial Branch</i>	Mayank Gupta, MD
11:34-11:41A	Fontaine Ballroom	ASPAN Top Abstract: <i>Largest, Company Agnostic, Non- Device Industry Funded or Managed, Multicenter, Real-World Registry for the Treatment Response of Spinal Cord Stimulation as defined by the PROMIS 29v2.1</i>	Rosa Garcia, MD
11:45A	Fontaine Ballroom	Closing Remarks	Melissa Murphy, MD, MPH
11:45A Sessions Close			

Thank you to the ASPAN Executive Board for the Support of the Annual Meeting