# 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	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	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)	Breakfast Sponsored by Gold Sponsor Ferring Pharmaceutic 7:15-7:50A - Presentation Sponsored by Ferring Pharmaceutic A Phase 3, Randomized, Double-Blind, Sham-Controlled Trial of Leg Pain Associated With Lumbar Disc Herniation Presented by Timothy R. Deer, MD  Sponsored symposia will NOT be part of the CME program, nor eligible for CME	uticals of SI-6603 (Condoliase) in Patients With Radicular			
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



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8:00-11:50A	Multiple	Labs:  Master's Class (Practicing Physicians Only) Room Name: Fontaine Ballroom  Fellow's Lab Room Name: Flicker Ballroom (4th Floor)  See lab agendas for rotation and session details	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  Game On!  Presented by Dr. David Dickerson, Dr. Denise Lester, Dr. Sean Li  Sponsored symposia will NOT be part of the CME program, nor eligible for CME cree	
1:10-5:00P	Multiple	Labs:  Master's Class (Practicing Physicians Only) Room Name: Fontaine Ballroom  Fellow's Lab Room Name: Glimmer 1-4+Corridor (4th Floor)  Ultrasound Lab Room Name: Flicker 1-3  See lab agendas for rotation and session details	**Separate Registration Required



Agenda

## ASPN Presents Neurotech Horizons: Breakthrough into the Future

\*Not part of the CME program

Room Name: Fleur de Lis

Welcome from the ASPN Leadership: Vision and Goals - Erika A. Petersen, MD, David W. Lee, MD, Melissa Murphy, MD

8:30 AM - 12:00 PM

8:30-9:00A

Go from an IP Disclosure to Creating a Device

Moderated by Erika A. Petersen, MD, Krishnan Chakravarthy, MD, PhD

Panelists: Phil Falkner (Medtronic), Aydin Babakhani (Nervonik), Michael Onuschek (Presidio), Tim Ganey, PhD (VIVEX Biologics), Jodi Dubuclet (Abbott)

9:00-9:30A

The Process of Getting FDA Approval

Moderated by Erika A. Petersen, MD, Melissa Murphy, MD

Panelists: Jason Hannon (Mainstay), Andrew Schmeling (Medtronic), Jeff Kramer (Nervonik), E. Jeffrey Donner, MD (SI-TECHNOLOGY), James Paiva (Pacira)

9:30-10:00A

Running a Start-up Company - Challenges and Tips

Moderated by Amol Soin, MD

Panelists: Shanth Thiyagalingam (PainTEQ), Rob Binney (ShiraTronics), Bill Niland (ReGelTec), Maria Bennett (SPR), Bob Compton (CornerLoc), Greg Banker (Vensana)

10:00-10:30A

Creating Data, Identifying Key players, and Gaining Traction

Moderated by Erika A. Petersen, MD, and Melissa Murphy, MD

Panelists: Allen Burton, MD (Abbott), Todd Langevin (Biotronik NEURO), Neil Dougherty (Spinal Simplicity), Michael Onuschek (Presidio), Krishnan Chakravarthy, MD, PHD

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)

11:00-11:30A

Strategic Sales in Industry - Market Access and Sales Tips

Moderated by Erika A. Petersen, MD, Melissa Murphy, MD

Panelists: Kat Hurd (Med Tech Collective), Sean Bryant (VIVEX Biologics), Jameil Pendleton (MTV), Bronson Lazarus (Medtronic), Joe Martella (BSCI)

11:35A-12:00P

Fleur de Lis

**Neurotech Networking and Mingling** 



ASPN Presents Practice Management Pearls for 2025 and Beyond

Room Name: Fleur de Lis

Course Director: Paul Lynch, MD

1:10-4:10 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
- 3. **Matching Capacity and Demand** Presented by Bea Salvanera, NP

### 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

#### 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, and Mayank Gupta, MD

### 2:55-3:25P

## **Billing and Compliance Updates for 2025**

Presented by Ellen Lin, MD, and Terin Champion

#### 3:25-3:55P

## Private Equity and Venture Capital: The Good, the Bad, and the Ugly

Melissa Murphy, MD, Yeshvant A. Navalgund, MD, and Christopher Robinson, MD, PhD

#### 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

## **Evening Events**

5:00-6:00P	Glimmer 5 and	Young Innovators Reception Sponsored by Platinum Sponsor Medtronic
	Terrace	Presentation of Young Innovator Award
	(4th Floor)	
		*Not part of the CME program



6:00-7:30P	Fleur de Lis	Poster to Podium Program Presentations	Moderated by Erika A. Petersen, MD
		Meet & Greet	
			All Attendees Welcome, Including
		*Not part of the CME program	<mark>Industry</mark>

Friday, July 18	8, 2025					
Time (EDT)	Location	Topic	Speakers			
6:30-7:00A	Luster Lobby	ESSENTRICS ® Exercise Class Sponsored By Mainstay Medical	Alane B. Costanzo, MD			
7:00A	Luster Lobby	Registration Open	egistration 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  Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit				
General Sessi Day 1 Embrac		on, Driving Innovation. Minimally Invas	ive Spine			
Block 1: Minin		<u> </u>				
8:15-8:25A	Fontaine	Welcome to ASPN 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 D. Pearl, MD, Jonathan Hyde, MD, Denis G. Patterson, DO, and Michael J. Dorsi, MD
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, 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 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: Ajay Antony, MD, Soriaya Motivala, MD, Ramana K. Naidu, MD, Michael J. Dorsi, MD, Theresa Williamson, MD, Kenneth B. Chapman, MD, Chris Bovinet, DO
Block 2: Abl	ative Therap	ies	
<b>Abstract Prese</b>	nters Introduce	d by Session Moderators: Kasra Amirdelfan, MD,	Kenneth B. Chapman, MD
9:30A	Fontaine	Introduction of the Best Research and Abstracts of ASPN 2025	David W. Lee, MD
9:32-9:39A	Fontaine	ASPN Top Abstract: The MOTION Study: 5-Year Results	Timothy R. Deer, MD
9:40-9:47A	Fontaine	ASPN Top Abstract: Assessment of Real-World, Prospective Outcomes in Patients Treated With Cervical Radiofrequency Ablation for Chronic Pain (RAPID)	Michael Danko, MD



9:48-9:55A	Fontaine	ASPN Top Abstract: Clinical Outcomes Using Fast-Acting Sub-perception Therapy: Two-year results from a Multicenter Real-World Study in the United States	Maged N. Guirguis, MD
9:56-10:15A	Fontaine	Radiographic Selection for Emerging MIS Therapies  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	Kyphon™ Balloon Kyphoplasty: Recent studies Presented By Josh Hirsch, MD	ade West - Sponsored By Aurora Spine and Pain

**General Session** 

**Room Name: Fontaine Ballroom** 

**Block 3: OrthoBiologics & Pharmacologics** 

Abstract Presenters Introduced by Session Moderators: Derron K. Wilson,

MD, 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:** A Prospective Multicenter Pilot Study Evaluating the Safety and Efficacy of Intradiscal Nucleus Pulposus Allograft Supplementation for Symptomatic Discogenic Low Back Pain

Presented by Douglas P. Beall, MD

10:53-11:00A

**ASPN Top Abstract:** 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

Presented by Timothy T. Davis, MD

11:00-11:15A

Latest Evidence in Biologic Intradiscal Therapy

 ${\bf Moderated\ by\ Jordan\ Lee\ Tate,\ MD,\ and\ Kasra\ Amirdelfan,\ MD}$ 

**Panelists:** Sudhir Diwan, MD, Alane B. Costanzo, MD, Mehul J. Desai, MD, Corey W. Hunter, MD, Greg Moore, MD, Jay S. Grider, DO, PhD, MBA

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



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

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, MBA, Alexander Escobar, MD, Timothy T. Davis, MD, Iden Cowan, MD, Michael F. Esposito, MD, Chau M. Vu, MD, Sanup Pathak, MD

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

Stick around in Fleur de Lis for the APP Lunch Symposium Sponsored by Spinal Simplicity!

Stability Made Simple

Presented by: Morteza Rabii, DNP, APRN, AGPCNP-BC

11:50A-12:00P	Transition to Lunch
12:00-1:00P	APP Lunch Symposium Sponsored by Spinal Simplicity Room Name: Fleur de Lis
	Stability Made Simple Presented by: Morteza Rabii, DNP, APRN, AGPCNP-BC  Sponsored symposia will NOT be part of the CME program, nor eliqible for CME credit
12:00-1:00P	Lunch Symposium Sponsored by Palladium Sponsor Abbott Room Name: Glimmer 1-4 (4th Floor)
	INNOVATION AND IMPACT: EXPLORE OUR THERAPY ADVANCEMENTS, DIGITAL INNOVATIONS, AND PATIENTS LONG-TERM OUTCOMES Presented by Timothy R. Deer, MD, David Dickerson, MD, Steven M. Falowski, MD, Kiran V. Patel, MD, Derron Wilson, MD
	Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit



12:00-1:00P	Lunch Symposium Sponsored by Palladium Sponsor Boston Scientific Room Name: Glimmer 5-7 (4th Floor)			
	The Boston Scientific Difference: Intracept™ Procedure and FAST™ SCS Therapy Unlocking Patient Growth & Impact with Proven Technologies			
	Presented by Louis J. Raso, MD, Ramana K. Naidu, MD, Brian Durkin, DO, Soriaya Motivala, MD, Michael Esposito, MD			
	Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit			
12:00-1:00P	Lunch Symposium Sponsored by Platinum Sponsor Stryker Room Name: Flicker (4th Floor)  BVNA: A cross-specialty solution for pain care Presented by Dr. Aaron Calodney, Dr. Dana Dunleavy, Dr. Jad Khalil  Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit			
1:00-1:10P	Transition to Session			
	e: Fontaine Ballroom sters of Industry			



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The Next Wave of Pain Technologies: Pioneering Solutions and Strategic Roadmaps

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.

Moderated by Timothy R. Deer, MD, and Dawood Sayed, MD
Featuring: Mike Mathias (Saluda), Aure Bruneau (Curonix), Josh Boggs (SPR), John McCallum (VIVEX Biologics)
\*Not part of the CME program

#### 1:30-1:50P

Shaping the Future of Pain Management: Industry Giants Discuss Strategic Pathways

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.

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), Anthony Williams (Nevro)

\*Not part of the CME program

1:10-1:30P

**Pelvic Pain** 

Presented by Sarah Gill, NP

1:30-1:50P

Treating Chronic Pain in Patients with Rheumatologic Conditions Presented by Marie Zambelli, MSN, APRN, FNP-C



1:50-2:20P	Sparkle Ballroom	Break with Exhibits and Abstract Poster Viewing: Sponsored by Diamond Sponsor Saluda Medical Room Name Sparkle Ballroom
		Product Theater - Sponsored by Pacira Pharmaceuticals, Inc Room Name: Ocean Promenade West Innovative Non-Opioid Pain Management: Leveraging Pacira's Product Portfolio in Interventional Pain Practice Presented by Dr. Karina Gritsenko  *Not part of the CME program

	*Not part of the CME program	
Block 5: Latest Advancements in Spine Surgery Room Name: Fontaine Ballroom Session Moderator: Eric T. Lee, MD		APP Break Out Course Room Name: Fleur de Lis
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		2:25-3:00P Updates in IPM: Policy for 2025 and Documentation Recommendations Presented by Hemant Kalia, MD
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		
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, Soriaya Motivala, MD		3:00-3:25P Flash Talks:  - Medication Management  - New for 2025 Presented by Zohra Hussaini, MSN, FNP-BC, MBA, and Morteza Rabii, DNP, APRN, AGPCNP-BCC



3:20-3:40P Advancements in Endoscopic Spine Panel Moderated by Alaa Abd-Elsayed, MD, and Stephanie Vanterpool, MD, MBA Panelists: Gurtej Singh, MD, Didier Demesmin, MD, MBA, Manish Raj, MD, Nameer Haider, MD, Stephen Hochschuler, MD, Mayank Gupta, MD	3:30-3:50P APP Award Presentations
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	3:50-4:00P Surveys and End

#### 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, and Scott Kreiner, MD

Panelists: Larry T. Khoo, MD, Alexios Carayannopoulos, DO, Jennifer Marie Lee, MD, Eric T. Lee, MD, Jad Khalil, MD, Peter S. Staats, MD, MBA

## 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, MBA, Christopher Robinson, MD, PhD, Latrice Akuamoah, MD

4:40-4:50P

**Closing Remarks:** 

**RACE PROMO: ASPN 5K Charity Race** 

\*Not part of the CME program

Awards, Surveys, and End

4:50-5:00P

**Change for Race and Transition to Ocean Lawn** 



5:00-5:30P	Ocean Lawn	ASPN Annual 5k Walk and Run for Charity "ASPN Innovation Speedway 5K"  Beneficiaries: Ironman Foundation. (IRONAID)  Race Shirts sponsored by Kelly Castleberry of Morgan Stanley/Graystone *Not part of the CME program	
5:30-6:00P	Ocean Lawn	Post-Race Reception Sponsored by Diamond Sponsor Basic Home Infusion  *Not part of the CME program	
6:30-7:30P	Glimmer 5-7 (4th Floor)	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: ADVANCEMENTS IN NEUROMODULATION: THERAPY DIFFERENTIATION AND DIGITAL DEVELOPMENT Presented by Timothy R. Deer, MD, Steven Falowski, MD, Dawood Sayed, MD 7:00-7:30 ASPN AWARD PRESENTATIONS *Not part of the CME program	

Saturday, July 19, 2025			
Time (EDT)	Location		
6:00-6:30A	Luster Lobby	ESSENTRICS ® 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)  mild® second-generation: expanding the minimally invasive LSS treatment options Presented by Sean Li, MD		
	*Not part of the CME program		
7:45-8:00A	Welcome to Day 2 - Presidential Address in Fontaine Ballroom  MD, PhD  Presented by: Erika A. Petersen, MD and Krishnan Chakra' MD, PhD		
Room Name	nal Cord Stimulation: Where Are We Now? : Fontaine Ballroom nters Introduced by Session Moderators: David W. Lee, MD		
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, 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: Long-term Optimization of Spinal Cord Stimulation Through Proactive Remote Monitoring: 12-Month Results From a Real-World Cohort	Jason E. Pope, MD	



8:53-9:00A	ASPN Top Abstract: The Distinct Study: 24-Month SCS Data for Nonsurgical Low Back Pain  Timothy R. Deer, MD		
9:01-9:08A	ASPN Top Abstract: Patient Reported Outcomes of Closed Loop Multi-Waveform Spinal Cord Stimulation	Ashish Gulve, MD	
9:09-9:25A	Biomarkers in Pain Management: Science or 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, Steven M. Falowski, 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	Break with Exhibits and Abstract Poster Viewing - Sponsored by Platinum Sponsor Medtronic Room Name: Sparkle Ballroom  Advancing Spinal Cord Stimulation: Painful diabetic peripheral neuropathy (DPN) and the case for closed-loop innovation Presented By Tariq AlFarra, DO  Product Theater Room Name: Ocean Promenade West - Sponsored by Savas Software  Purpose-Built Disruption: An Introduction to the EMR Platform Transforming Pain Clinics Presented By Tim Leier MD, PhD and Harrier Cagatay MHS, PA-C *Not part of the CME program		
	I Executive Collaboration Committee: Building Bridges to t Fontaine Ballroom	he Future	
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	



**Next Generation PNS**: Innovations and Future Directions

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

Panelists: David Reece, DO, Jay M. Shah, MD, Harry P. Sukumaran,

MD, Chad B. Stephens, DO, Rebecca Sanders, MD

10:05-10:12A	ASPN Top Abstract: Instrumented Posterior Arthrodesis of the Lumbar Spine: Prospective Study Evaluating Fusion Outcomes  Presented By Matthew Skoblar, DO	Q&A: Moderated by Timothy R. Deer, MD, Dawood Sayed, MD, and Kasra Amirdelfan, MD Panelists: Robert Levy, MD, PhD, Steven M. Falowski, MD, Stephen Hochschuler, MD, Erika A. Petersen, MD, Marshall Bedder, MD, Shravani Durbhakula, MD, MPH, MBA
10:17-10:24A	ASPN Top Abstract: Treatment of Painful Lumbar Degenerative Disc Disease: 2-Year Data Review  Presented By Kasra Amirdelfan, MD	Q&A: Moderated by Timothy R. Deer, MD, Dawood Sayed, MD, and Kasra Amirdelfan, MD Panelists: Robert Levy, MD, PhD, Steven M. Falowski, MD, Stephen Hochschuler, MD, Erika A. Petersen, MD, Marshall Bedder, MD, Shravani Durbhakula, MD, MPH, MBA
10:29-10:36A	ASPN Top Abstract:  Ultra Low Frequency Neuromodulation Effectively Treats Nociceptive Chronic Low Back Pain  Presented By Paul Verrills, MD	Q&A: Moderated by Timothy R. Deer, MD, Dawood Sayed, MD, and Kasra Amirdelfan, MD Panelists: Robert Levy, MD, PhD, Steven M. Falowski, MD, Stephen Hochschuler, MD, Erika A. Petersen, MD, Marshall Bedder, MD, Shravani Durbhakula, MD, MPH, MBA
10:40-10:55A	Delayed Gratification: Can Suffering Make You Better?	Timothy R. Deer, MD
10:55-11:00A	ISPN: Update Uniting the Kingdom of Pain London, UK	Presented by Adnan Al-Kaisy, MD
Room Name:	oheral Nerve Stimulation: Pushing the Boundaries on Appli Fontaine Ballroom cors: Mehul J. Desai, MD, MPH	cations and Outcomes
11:00-11:15A	DNC Innovations and Future Directions	Moderated by Amitabh Gulati, MD, and Iden Cowan, MD



11:15-11:35A Precision in PNS:	Finding the Right Patient, Device, and Target	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	
11:35-11:50A  Maximizing Outcomes for Multifidus Muscle Restoration:  Core Strengthening for Pain Relief, the Evidence for Neuromodula Exercise		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 Nasseri, MD	
11:50A-12:00P	Transition to Lunch		
12:00-1:00P	Lunch Symposium Sponsored by Gold Sponsor INJX Room Name: Glimmer 1-4 (4th Floor)  INJX GPO: Power in Numbers! Save Money, Create Revenue Streams, and Invest in Your Future. Join us for the raffle drawing! Presented by: Dr. Chheany Ung, CEO of INJX GPO, Sam Vail, Coretech, Director of Sales; Chris Gaubatz, Director of Business Development for Tight Technologies; and Merrick Estes, Senior VP of Client Development for Mercer Advisors.  Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit		
12:00-1:00P	Lunch Symposium Sponsored by Platinum Sponsor Medtronic Room Name: Glimmer 5-7 (4th Floor)  Advancing Patient-Centric Solutions with Inceptiv™ SCS and SyncroMed™ III TDD  Presented By Krishnan Chakravarthy, MD, PhD, Mehul Desai, MD, MPH, Melissa Murphy, MD  Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit		
1:00-1:10P	Transition Back to Sessions		
General Session:		Business and Law in Medicine Breakout Session:	

Room Name: Fontaine Ballroom

**Block 9: The Science Hour** 

Room Name: Fleur de Lis

Course Director: Rehan Waheed, DO, JD, Anil K. Sharma, MD



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1:10-2:00P Topics in Neuroscience: The Science Hour The Science of Chronic Pain Management: Overlapping Keys to the Fountain of Youth?  Moderated by Kate Meacham, MD, PhD	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	
Panelists: Nick Knezevic, MD, PhD, Kai McGreevy, MD, Rick M. Paicius, MD, Prasad Shirvalkar, MD, PhD, Vinny Francio, MD	1:35-2:00P Practical Healthcare Compliance Necessities Moderated by Gladstone C. McDowell II, MD Panelist: David Kloth, MD, Jeffrey Peterson, Tina Rivenbark, Denis G. Patterson, DO, Yeshvant A. Navalgund, MD	
2:00-2:07P  ASPN Top Abstract: Percutaneous peripheral nerve stimulation relieves chronic postoperative pain and pain interference after total knee arthroplasty 12 months after treatment  Presented By Johnathan Goree, MD		
2:08-2:15P  ASPN Top Abstract: Functional Improvements with Peripheral Nerve Stimulation: Early Results from the COMFORT 2 Randomized Control Trial  Presented By Mitchell Engle, MD, PhD	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, Kev Cairns, MD	
2:16-2:23P  ASPN Top Abstract: Functional Outcomes in Low Back Pain Subjects with a Novel Interspinous Fusion Device: REFINE Study 12-Month Results  Presented By Steven Falowski, MD	a	



2:25-2:55P

**Break with Exhibits and Abstract Poster Viewing** 

Room Name: Sparkle Ballroom

Product Theater Room Name: Ocean Promenade West - Sponsored by Silver Sponsor Mainstay Medical

The Muscle Behind the Pain.

Presented by Kiran V. Patel, MD, and Christopher Gilligan, MD

\*Not part of the CME program

Block 10: Alternative Pain Management Session Moderators: Alane B. Costanzo, MD	Business and Law in Medicine Breakout Session: Room Name: Fleur de Lis Course Director: Rehan Waheed, DO, JD, Anil K. Sharma, MD
2:55-3:02P	
ASPN Top Abstract: Real-World Outcomes using Evoke® System with EVA-	
in Chronic Pain Management: Insights from the ULTRA Study	3:00-3:20P
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Presented by Marcin Karcz, MD, PhD	Building Your Brand: Review of ASPN Social Media Guidance & More
3:02-3:17P	Moderated by Anthony Giuffrida, MD
Navigating Enabling Technologies with the FDA	Panelists: Cyrus Yazdi, MD, Rany T. Abdallah, MD, PhD, MBA, Edward Podgorski,
Moderated by Peter S. Staats, MD, MBA	MD, Tolga Suvar, MD, Iden Cowan, MD, Nasir Khatri, MD
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	



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, Amitabh Gulati, MD	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, David Dickerson, MD, Kunal Parikh, MD	
3:32-3:47P Controversies in Vertebral Augmentation Moderated by Sayed Emal Wahezi, MD, and Vinita Singh, MD Panelists: Matthew T. Ranson, MD, Louis J. Raso, MD, Josh Hirsch, MD, Hemant Kalia, MD, MPH, Douglas P. Beall, MD, Dan T. D. Nguyen, MD		
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	3:40-4:00P Workers Compensation and Personal Injury in Spine & Pain Moderated by Morad Nasseri, MD Panelists: Kunal Parikh, MD, Neville Campbell, MD, Nameer Haider MD, Harold Cordner, MD, Paul Lynch, MD	
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	4:00-4:20P Consideration in Partnering or Building out an Ambulatory Surgery Center Moderated by Stanley Golovac, MD Panelists: Rick M. Paicius, MD, Timothy T. Davis, MD, Yeshvant Navalgund, MD, Ali Nairizi, MD, and Matt Rupert, MD, Paul Lynch, MD	



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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  4:32-4:47P New Advancements in Non-Invasive Neuromodulation Moderated by Shachi Patel, MD, and Kai McGreevy, MD Panelists: Rohit Aiyer, MD, Prasad Shirvalkar, MD, PhD, Morad Nasseri, MD, Marshall Bedder, MD, Adnan Al-Kaisy, MD, Gurtej Singh, MD		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. McJunkin, MD, Peter S. Staats, MD, MBA, Mark Coleman, MD, Kevin Cairns, MD, MPH, Stanley Golovac, MD	
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, David Kloth, MD, David Dickerson, MD		4:40-4:45P Closing Remarks Rehan Waheed, DO, JD, and Anil K. Sharma, MD	
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)  Driving Full-Body PNS Forward through Innovation, Evidence and Accessibility  *Not part of the CME program		
6:30-8:00P	ASPN Charity Reception Sponsored by Aurora Spine a "Fusion Lounge: An Underground Innovation Gala" Location: Flicker (4th Floor) Beneficiaries: IRONMAN Foundation and Return to Du *Not part of the CME program		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	
8:10-8:35A	Fontaine Ballroom	8:12-8:19A ASPN Poster to Podium Top Abstract: The Effectiveness of Ultrasound-Guided Lateral Femoral Cutaneous Nerve Block for Meralgia Paresthetica - Presented By Michael Appeadu, MD  8:20-8:27A ASPN Poster to Podium Top Abstract: Real-World Outcomes of a Closed-Loop Spinal Cord Stimulation System - Presented By Benjamin Gill, DO, MBA  8:28-8:35A ASPN Poster to Podium Top Abstract: Disparity in Teaching Diagnostic and Therapeutic Lumbar Intra-Discal Steroid Injections in Pain Medicine Fellowships - Presented By Roshan Chhatlani, DO	Introduced by Melissa Murphy, MD	
8:35-8:55A	Fontaine Ballroom	<b>Young Innovators' Panel:</b> Building Success in the First 5 Years of Clinical Practice	Moderators: Vinny Francio, MD, and Anuj Shah, DO 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	



8:55-9:15A	Fontaine Ballroom	Physician Wellness: How to Avoid Physician Burnout	Moderators: Alane B. Costanzo, MD, Krishnan Chakravarthy, MD, PhD Panelists: Dawn Sparks, DO, Paul Verrills, MD, Myrdalis Diaz-Ramirez, MD, Vwaire Orhurhu, MD, MPH, Samir J. Sheth, MD
9:15-9:22A	Fontaine Ballroom	ASPN Top Abstract: Treatment of Painful Diabetic Neuropathy: 10 kHz SCS Provides Durable Pain Relief and Sensory Function Improvements	Douglas Beall, MD
9:23-9:30A	Fontaine Ballroom	ASPN Top Abstract: Physician-Run Double-Blinded Prospective Randomized Multi-Area Passive Recharge Burst Spinal Cord Stimulator Trial Study	Steven M. Falowski, MD
9:31-9:38A	Fontaine Ballroom	<b>ASPN Top Abstract:</b> Early Outcomes of the Discure System for the Treatment of Lumbar Degenerative Disc Disease: A Prospective Multicenter Feasibility Study	Douglas P. Beall, MD
9:40-10:00A	Fontaine Ballroom	Craniofacial Pain	Moderated by Rudy Malayil, MD Panelists: Matt Rupert, MD, Jason C. Rosenberg, 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: Impact of SCS and DRG Implants on Long-Term Opioid Use: Insights from Medicare Data	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



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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, Vwaire Orhurhu, MD, MPH
Fontaine Ballroom	<b>ASPN Top Abstract:</b> Lateral Transiliac MIS SI Joint Fusion: Primary Endpoint Results from the Prospective Multicenter STACI Trial	Douglas P. Beall, MD
Fontaine Ballroom	<b>ASPN Top Abstract:</b> Optogenetic Neuromodulation of the Spine for Chronic Pain Therapy	Jeffrey Arle, MD, PhD
Fontaine Ballroom	ASPN Top Abstract: 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	Mayank Gupta, MD
Fontaine Ballroom	ASPN Top Abstract: 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	Rosa Garcia, MD
Fontaine Ballroom	Closing Remarks	Melissa Murphy, MD
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Thank you to the ASPN Executive Board for the Support of the Annual Meeting