

The 6th Annual Meeting of the American Society of Pain and Neuroscience: “Building Bridges to Better Healthcare”

Fontainebleau, Miami Beach, Florida

July 10-July 14, 2024

Scientific Planning Committee: Kathleen W. Meacham, MD, PhD (Chair), Christopher M. Lam, MD, Natalie H. Strand, MD

Wednesday, July 10, 2024			
Time (EDT)	Location	Topic	Faculty
12:00-5:00P	Luster Lobby	Early Check-In for ASPN Lab attendees	
12:00-7:00P	Fleur de Lis	Intracapt Certification Course	Invitation Only
1:00-5:00P	Fontaine Ballroom	INDUSTRY LAB	Invitation Only

Thursday, July 11, 2024			
Time (EDT)	Location	Topic	Faculty
8:00A-5:00P	Fontaine Ballroom	Fellow’s Lab	
7:00A	Luster Lobby	Registration and check-in for Lab	
7:15-8:00A	Splash 9-10	Breakfast Symposium <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	
8:00A-5:00P	Sparkle Ballroom	Exhibitor Set up	
8:00A-12:00P	Fontaine/Fl eur de Lis	Lab: Master’s Class (Practicing Physicians Only) Fellow’s Demo Lab <i>See lab agenda for rotation and session details</i>	Lab Introduction: Steven M. Falowski, MD, and Jason E. Pope, MD



American Society of Pain and Neuroscience (ASPAN) Presents PAIN, 2024
 Building Bridges to Better Healthcare
 Chairman and Co-Founder: Timothy R. Deer, MD
 Vice Chairman and Co-Founder: Dawood Sayed, MD
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11:00A-12:00P	Splash 9-10	Fellow's Lunch Symposium Diamond Sponsor SPR Therapeutics <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	
12:00-1:00P	Ocean Promenade East	Master's Class Lunch Symposium Platinum Sponsor Biotronik Neuro <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	
1:00-1:10P		Transition to Lab	
1:10-4:00P	Fontaine/ Fleur de Lis	Lab: Master's Class (Practicing Physicians Only) Round Tables (Open to all clinicians) Ultrasound Lab (Open to all clinicians) <i>See lab agenda for rotation and session details</i>	

1:10-4:00P	Splash 11-12	<p>Marketing and Growing Your Practice Break Out Session Paul Lynch, MD - Course Director</p> <ul style="list-style-type: none"> ● 1:10-1:40P Successful Marketing of your Practice in 2024: B2B, B2C and B2P Approaches Presented by Paul Lynch, MD ● 1:40-2:10P Venture Capital Investment into the Future of Pain: The Good, the Bad, the Ugly Presented by Tory L. McJunkin, MD, Yeshvant A. Navalgund, MD ● 2:10-2:30P Practice Management, Personnel, Contracts and Vendor Relationships Presented by Jeffrey Peterson, Tina Rivenbark, and David D. Daggett, Esq. ● 2:30-3:00P ASC Development vs In Office Suites – Future Trends Presented by Jay M. Shah, MD, FAAPMR, Ryan Budwany, MD, MBA, MPH, Christopher Robinson, MD, PhD, Matt L. Leavitt, DO ● 3:00-3:30P Single Physician or Group Practices: Pros & Cons of Practice Design for Future Valuation Presented by John V. Prunskis, MD, FIPP,, Jason C. Rosenberg, MD, Ryan Budwany, MD, MBA, MPH ● 3:30-4:00P Incorporating Personal Injury in Your Practice Presented by Jack Diep, MD, Selaiman Noori, MD, Didier Demesmin, MD, MBA 	
4:00-5:00P	Splash 11-12	<p>Entrepreneur Panel **Non CME</p>	<p>Moderated by Krishnan Chakravarthy, MD, PhD and E. Jeffrey Donner, MD Panelists: Amol Soin, MD, Erich W. Wolf II, MD, PhD, Rishin Patel, MD, Matt L. Leavitt, DO, Ricardo Vallejo, MD, PhD, Anish S. Patel, MD, MBA, FASA, Anjum Bux, MD, Michael A. Fishman, MD, MBA</p>



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5:00-6:00P	Ocean Lawn <i>*Weather Back Up</i>	Young Innovators Reception Sponsored by Diamond Sponsor Medtronic. Welcome Address: Nasir Khatri, MD, and Ryan Budwany, MD, MBA, MPH <i>*Not part of the CME program</i>	
6:00-7:30P	Splash 9-10	Poster to Podium Program Presentations Meet & Greet <i>*Not part of the CME program</i>	Moderated by Erika Petersen, MD All Attendees Welcome

Friday, July 12, 2024			
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	
7:30-8:15A	Splash 9/10	Breakfast Symposium Sponsored by Gold Sponsor: Nalu Medical <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	
Day 1 Theme Building Bridges in Minimally Invasive Spine			
Block 1: The Multidisciplinary Approach to Minimally Invasive Spine			
Session Moderators: Jonathan Carlson, MD, and Michael J. Dorsi, MD			
8:15-8:30A	Fontaine	Welcome to ASPN PAIN 2024: Building Bridges to Better Healthcare	Timothy R. Deer, MD and Dawood Sayed, MD



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8:30-8:55A	Fontaine	The Journey from Concept to Market: The Road to Medical Device Approval and the Role of the FDA: Introduction to the Total Life Cycle Advisory Program (TAP)	Moderated by Dawood Sayed, MD, and Timothy R. Deer, MD Panelists: April Marrone, PhD, Erika A. Petersen, MD, Kasra Amirdelfan, MD, Leonardo Kapural, MD, PhD, Pierce D. Nunley, MD, Kevin Foley, MD, Christopher J. Gilligan, MD
8:55-9:20A	Fontaine	Interspinous Decompression and Fusion Implants: Poised for Failure or Success in the Spine Care Algorithm?	Moderated by Pankaj Mehta, MD, and Michael J. Dorsi, MD Panelists: Angel Boev, MD, FACS, Youssef Josephson, DO, Larry T. Khoo, MD, Ajay Antony, MD, John Stevenson, MD, Louis J. Raso, MD, Soriaya Motivala, MD
9:20-9:35A	Fontaine	Decompression of the Lumbar Spine: Open, Endoscopic, and Percutaneous Approaches.	Moderated by Kasra Amirdelfan, MD, and Jay M. Shah, MD, FAAPMR Panelists: Gurtej Singh, MD, Michael J. Dorsi, MD, Soriaya Motivala, MD, Didier Demesmin, MD, MBA, Jad Khalil, MD, Jeffrey S. Henn, MD, Jacqueline Weisbein, DO
9:35-9:40A	Fontaine	Introduction of the Best Research and Abstracts of ASPN 2024	Kasra Amirdelfan, MD

Block 2: Regenerative Therapeutics: The New Frontier.

Abstract Presenters Introduced by Session Moderators: Sara Nashi, MD, and Harry P. Sukumaran, MD

9:40-9:47A	Fontaine	ASPN Top Abstract Presentation 1:	
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9:48-9:55A	Fontaine	ASPAN Top Abstract Presentation 2:	
9:55-10:10A	Fontaine	The Current and Future State of Intradiscal Therapies for Lumbar Degenerative Disease: Biologic, Non-Biologic and Molecular Options.	Moderated by Timothy Deer, MD, and Dawood Sayed, MD Panelists: Annu Navani, MD, Paul Verrills, MD, Corey W. Hunter, MD, FIPP, Douglas P. Beall, MD, Sudhir Diwan, MD, Nomen Azeem, MD, FAAPMR, Jonathan Carlson, MD
10:10-10:25A	Fontaine	The Current and Future State of Musculoskeletal Regenerative Therapeutics: PRP and Beyond	Moderated by Corey W. Hunter, MD, FIPP, and Jessica Jameson MD, FASA Panelists: Timothy T. Davis, MD, Sudhir Diwan, MD, Alane B. Costanzo, MD, Navdeep S. Jassal, MD, Nomen Azeem, MD, FAAPMR, Dawn A. Sparks, DO
10:25-10:45A	Sparkle Ballroom	Break with Exhibits and Abstract Poster Viewing Sponsored By Diamond Sponsor Scilex Holding Company served at Booth #157 Product Theatre Sponsored by Aurora Spine <i>*Not part of the CME program</i>	
Block 3: New Frontiers in SI Joint Treatment Abstract Presenters Introduced by Session Moderators: David W. Lee, MD, and Kiran V. Patel, MD			
10:45-10:52A	Fontaine	ASPAN Top Abstract Presentation 3:	



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10:53-11:00A	Fontaine	ASPN Top Abstract Presentation 4:	
11:00-11:15A	Fontaine	Developing the Treatment Algorithm for SI Joint Disease	Moderated by Johnathan Goree, MD, and Chau M. Vu, MD Panelists: Denis G. Patterson, DO, Jeffrey S. Henn, MD, Chris Bovinet, DO, FAAPMR, Peter G. Pryzbylkowski, MD, Helen M. Blake, MD, MBA, Ashley Bailey-Classen, DO
11:15-11:30A	Fontaine	A Debate on the Site of Service for SI Fusion: Hospital vs ASC vs Office.	Moderated by Jacqueline Weisbein, DO, and Shravani Durbhakula, MD, MPH, MBA Panelists: Chris Bovinet, DO, FAAPMR, Pankaj Mehta, MD, Brian K. Rich, MD, Nomen Azeem, MD, FAAPMR, Angel Boev, MD, FACS, Louis J. Raso, MD
11:30-11:50A	Fontaine	Multiple Approaches and Devices for SI Joint Fusion: Which Surgical Techniques and Implants Does the Evidence Support?	Moderated by Robert D. Heros, MD, and Tammy Dann, DO, MPH Panelists: Peter G. Pryzbylkowski, MD, Jad Khalil, MD, Aaron K. Calodney, MD, FASA, FIPP, ABIPP, Christopher K. Kim, MD, Iden Cowan, MD, Denis G. Patterson, DO, David W. Lee, MD
11:50A-12:00P	Transition to Lunch		



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12:00-1:00P	<p>Lunch Symposium Platinum Sponsor Boston Scientific Room Name: Splash 9/10</p> <p>Transforming the Future of Interventional Pain <i>Broadening Your Treatment Algorithm</i></p> <p><i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i></p>
12:00-1:00P	<p>Lunch Symposium Platinum Sponsor Vertos Medical Room Name: Ocean Promenade East</p> <p>A New Era for IPM: elevate your practice & Your Community through <i>mild</i> Presented by David Dickerson, MD, Peter Pryzbylkowski, MD, Rebecca Sanders, MD, and Zohra Hussaini, MSN, FNP-BC, MBA</p> <p><i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i></p>
12:00-1:00P	<p>Lunch Symposium Platinum Sponsor Abbott Room Name: Splash 11/12</p> <p><i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i></p>
12:00-1:00P	<p>APP Lunch Sponsored by Silver Sponsor Mainstay Medical 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>
1:00-1:10P	<p>Transition to Session</p>
<p>General Session Room Name: Fontaine Ballroom Block 4: Masters of Industry</p>	<p>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, and Casey Grillo, FNP-C</p>

1:10-1:30P	<p>Masters of Industry: Improving Patient Access in Neuromodulation: The Industry Perspective Moderated by Timothy Deer, MD, and Dawood Sayed, MD Abbott, Biotronik Neuro, Medtronic, Nevro Corp, Saluda Medical</p> <p><i>*Not part of the CME program</i></p>		<p>Differentiating Spinal Pain: Anterior Column Generators & Posterior Column Generators</p> <p>Brittney Misercola, MSN, FNP-C Ashley G. Comer, APRN, NP-C</p>
1:30-1:50P	<p>Masters of Industry Explosive Innovation and Limited Patient Access in Minimally Invasive Spine: Fixing a Broken System Moderated by Timothy Deer, MD, and Dawood Sayed, MD Basic Home Infusion, Curonix, Relievant, Scilex Holding Company, Maria Bennett, President, CEO & Founder (SPR Therapeutics), Tom West, CEO (Nalu Medical), Eric Wichems, CEO (Vertos Medical)</p> <p><i>*Not part of the CME program</i></p>		<p>Continued..... Differentiating Spinal Pain: Anterior Column Generators & Posterior Column Generators</p> <p>Brittney Misercola, MSN, FNP-C Ashley G. Comer, APRN, NP-C</p>
1:50-2:20P	Sparkle Ballroom	<p>Break with Exhibits and Abstract Poster Viewing: Product Theater Sponsored by Silver Sponsor Mainstay Medical Product Theater Sponsored by Silver Sponsor Averitas Pharma APP Meet Up at the ASPN Membership Booth</p> <p><i>*Not part of the CME program</i></p>	
<p>Block 5: Improving Outcomes in Spine and Pain Treatment Room Name: Fontaine Session Moderators: Brian K. Rich, MD, and Alane B. Costanzo, MD</p>			<p>APP Break Out Course</p>
2:20-2:40P	<p>Basivertebral Nerve Ablation: Lessons Learned and How to Improve Outcomes. Moderated by Sandy Christiansen, MD, and Kasra Amirdelfan, MD Panelists: Brian Durkin, DO, Anthony Giuffrida, MD, Kiran V. Patel, MD, Ramana Naidu, MD, Douglas P. Beall, MD, Sara Nashi, MD</p>		<p>Other Back Pain Generators: Multifidus</p> <p>Kristen Klein, APRN Meredith Langhorst, MD</p>

<p>2:40-3:00P</p>	<p>The Next Generation Vertebral Augmentation Systems: Moving Beyond Balloons. Moderated by Gurtej Singh, MD, and Anthony Giuffrida, MD Panelists: Alexander Escobar, MD, Jacqueline Weisbein, DO, Sayed Emal Wahezi, MD, Derron K. Wilson, MD, FIPP, Melissa Murphy, MD, MPH, John R. Orphanos, MD, FAANS, Matthew T. Ranson, MD</p>	<p>Navigating Neuromodulation: SCS & PNS Moderator: Casey Grillo APRN Panel: David W. Lee, MD, Victoria Flower APRN</p>
<p>3:00-3:20P</p>	<p>Percutaneous Interlaminar Decompression: How Do We Improve the Procedure? Moderated by Annu Navani, MD, and David Reece, DO Panelists: Ali Nairizi, MD, Morad Nasserri, MD, Matthew T. Ranson, MD, Daniel Pak, MD, Navdeep S. Jassal, MD, Rany T. Abdallah, MD, PhD, MBA</p>	<p>Continued.... Navigating Neuromodulation: SCS & PNS Moderator: Casey Grillo APRN Panel: David W. Lee, MD, Victoria Flower, APRN</p>
<p>3:20-3:40P</p>	<p>Tools to Improve Accuracy in Minimally Invasive Spinal Procedures: CT Mapping, Navigation, and Augmented Reality. Moderated by John S. Michels, MD, and Rebecca Sanders, MD Panelists: Michael F. Esposito, MD, Steven M. Falowski, MD, George M Galvan, MD, FAANS, Ahmed Raslan, MD, John R. Orphanos, MD, FAANS, Dan T. D. Nguyen, MD, Chris Bovinet, DO, FAAPMR</p>	<p>Strategizing when to use Minimally Invasive Spinal Treatments</p> <p>Brittney Misercola, MSN, FNP-C Morteza Rabii, DNP, APRN, AGPCNP-BCC</p>
<p>3:40-4:00P</p>	<p>Advanced Modalities for Diagnosis Of Painful Lumbar Disease: MR Spectroscopy, Artificial Intelligence, and Chemical Biomarkers Moderated by John S. Michels, MD, and Melissa Murphy, MD, MPH Panelists: Douglas P. Beall, MD, Timothy T. Davis, MD, Dan T. D. Nguyen, MD, Soriaya Motivala, MD, Salim M. Hayek, MD, PhD, Pierce D. Nunley, MD</p>	

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4:00-4:20P	<p>The Process of Aging and Its Modern Remedies: Is There a Fountain of Youth? Moderated by Paul Verrills, MD, and Myrдалис Diaz-Ramirez, MD Panelists: Dawn A. Sparks, DO, Alane B. Costanzo, MD, Jason C. Rosenberg, MD, Mark N. Malinowski, DO, FIPP, Tolga Suvar, MD, Ramana Naidu, MD, Kathleen Meacham, MD, PhD</p>		<p>Intro to Scholarly Writing: Case studies, posters and abstract Morteza Rabii, DNP, APRN, AGPCNP-BCC</p>
4:20-4:40P	<p>Young Innovators Moderated by Ryan Budwany, MD, MBA, MPH, and Nasir Khatri, MD Panelists: Morad Nasserі, MD, Yussr Ibrahim, MD, Ammar Mahmoud, MD, Tyler Phillips, MD, Caitlin D. Tourjé, MD, Alexandra Moreira, MD, Evan Peskin, MD, MBA</p>		<p>From Clinical Expert to Influential Leader: Building your Professional Portfolio Moderated by: Zohra Hussaini MSN, FNP-BC, MBA Panel: Ashley G. Comer, APRN, NP-C, Brittney Misercola, MSN, FNP-C Casey Grillo, FNP-C</p>
4:40-4:50P	<p>Closing Remarks: The Art of Treating & Enduring Pain and Suffering RACE PROMO: ASPAN 5K Charity Race Erika Petersen, MD <i>*Not part of the CME program</i></p>		<p>Surveys and End</p>
4:50-5:00P Change for Race and Transition to Sea Green Lawn			
5:00-5:30P	Sea Green Lawn	<p>ASPAN Annual 5k Walk and Run for Charity Beneficiaries: Ironman Foundation. (IRONAID) St. Jude Nashville Race Shirts sponsored by Kelly Castleberry of Morgan Stanley/Graystone <i>*Not part of the CME program</i></p>	
5:30-6:00P	Sea Green Lawn	<p>Post-Race Reception Sponsored by Silver Sponsor Mainstay Medical and Diamond Sponsor Basic Home Infusion <i>*Not part of the CME program</i></p>	



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6:30-7:30P		Faculty Reception and Awards Symposium Sponsored by Platinum Sponsor Abbott Welcome - Timothy R. Deer, MD, Dawood Sayed, MD, Jason E. Pope, MD and Erika A. Petersen, MD 6:30-6:45P Check In 6:45-7:00P Abbott Presentation 7:00-7:30 ASPAN AWARD PRESENTATIONS *Not part of the CME program
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Saturday, July 13, 2024		
Time (EDT)	Location	
6:00-6:30A	Luster Lobby	ESSEINTRICS® Exercise Class Sponsored By Mainstay Medical Alane B. Costanzo, MD
7:00A	Registration Open in Luster Foyer	
Time (EDT)	General Session: Room Name: Fontaine Ballroom Day Theme: Building Bridges in Neuromodulation	
7:15-8:00A	Breakfast Symposium Room: Splash 9/10 <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
Block 6: Neuromodulation - Spinal Cord Stimulation Room Name: Fontaine Ballroom Abstract Presenters Introduced by Session Moderators: Mark N. Malinowski, DO, FIPP and Gladstone C. McDowell II, MD		

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8:00-8:15A	The Ever-Evolving Paradigms in Neuromodulation: The Latest Evidence in Spinal Cord Stimulation	Moderated by Kasra Amirdelfan, MD, and Erika A. Petersen, MD Panelists: Adnan Al-Kaisy, MB ChB, FRCA, FPMRCA, FIPP, Vwaire Orhurhu, MD, MPH, Jennifer Marie Lee, MD, Alexander Escobar, MD, David Dickerson, MD, Mehul J. Desai, MD, MPH, Caitlin D. Tourjé, MD
8:15-8:30A	Neuromodulation Beyond the Dorsal Column: DRG, Multifidus, and the Brain - Real World Experience and Future Direction	Moderated by Jennifer Marie Lee, MD and Monika Y. Patel, MD Panelists: Nandan Lad, MD, PhD, Kenneth B. Chapman, MD, Eric G. Cornidez, MD, MBA, Ryan D'Souza, MD, Erika A. Petersen, MD, Robert Levy, MD, PhD
8:30-8:45A	Neuromodulation for Limb Ischemia and Vascular Disease: The Next Frontiers & Indications	Moderated by Jason E. Pope, MD, and Steven M. Falowski, MD Panelists: Kenneth B. Chapman, MD, David Dickerson, MD, Priyanka Ghosh, MD, Ashley Bailey-Classen, DO, Marshall Bedder, MD, FRCPC, Alexios Carayannopoulos, DO, MPH, DABPMR
8:45-8:52A	ASPAN Top Abstract Presentation 5:	
8:53-9:00A	ASPAN Top Abstract Presentation 6:	
9:01-9:08A	ASPAN Top Abstract Presentation 7:	
9:09-9:25A	Defining the Treatment Algorithm for the Patient with Diabetic Neuropathy: A Review of the SWEET Guidelines	Moderated by Dawood Sayed, MD, and Kasra Amirdelfan, MD Panelists: Leonardo Kapural, MD, PhD, Newaj Abdullah, MD, Ryan D'Souza, MD, Christopher M. Lam, MD, Adnan Al-Kaisy, MB ChB, FRCA, FPMRCA, FIPP, Christopher J. Gilligan, MD



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9:25-9:40A	<p>The Role of Neuromodulation in Spinal Cord Injury</p> <p>The Quest to Redefine Neuronal Injury Therapeutic Algorithms</p>	<p>Moderated by Erika A. Petersen, MD, and Alexios Carayannopoulos, DO, MPH, DABPMR</p> <p>Panelists: Ali Nairizi, MD, Ali Valimahomed, MD, FAAPMR, Konstantin Slavin, MD, FAANS, Jason C. Rosenberg, MD, Rebecca Sanders, MD, Ahmed Raslan, MD, Greg Moore, MD</p>
<p>9:40-10:00A</p> <p>Break with Exhibits and Abstract Poster Viewing Room Name: Sparkle Ballroom Product Theater Sponsored by AcuityMD Room Name: Ocean Promenade West <i>*Not part of the CME program</i></p>		
<p>Block 7: ASPAN Executive Collaboration Committee: Building Bridges to the Future Moderated by Timothy Deer, MD, Dawood Sayed, MD, and Kasra Amirdelfan, MD Room Name: Fontaine Ballroom</p>		
10:00-10:05A	<p>ASPAN Collaboration Panel Introduction and Format</p>	<p>Dawood Sayed, MD</p>
10:05-10:12A	<p>ASPAN Top Abstract Presentation 8:</p>	<p>Panelists: Peter S. Staats, MD, MBA, Helen M. Blake, MD, MBA, Sandy Christiansen, MD, Adnan Al-Kaisy, MB ChB, FRCA, FPMRCA, FIPP, Soriaya Motivala, MD</p>
10:15-10:22A	<p>ASPAN Top Abstract Presentation 9:</p>	<p>Panelists: Peter S. Staats, MD, MBA, Helen M. Blake, MD, MBA, Sandy Christiansen, MD, Adnan Al-Kaisy, MB ChB, FRCA, FPMRCA, FIPP, Soriaya Motivala, MD</p>
10:25-10:32A	<p>ASPAN Top Abstract Presentation 10:</p>	<p>Panelists: Peter S. Staats, MD, MBA, Helen M. Blake, MD, MBA, Sandy Christiansen, MD, Adnan Al-Kaisy, MB ChB, FRCA, FPMRCA, FIPP, Soriaya Motivala, MD</p>



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10:35-10:55A	<p>Challenges in Fellowship Training</p> <p>The Efforts & Endeavors to Identify and Fill the Educational Gaps in Our Space for Better Care</p>	<p>Moderated by Timothy R. Deer, MD, and Scott G. Pritzlaff, MD, CIPS, FIPP</p> <p>Panelists: Timothy R. Lubenow, MD, Harry P. Sukumaran, MD, Michael E. Schatman, PhD, Reda M. Tolba, MD, Stephanie Vanterpool, MD, MBA, Sayed Emal Wahezi, MD</p>
10:55-11:00A	<p>ISPN: Update</p>	<p>Presented by Reda M. Tolba, MD</p>

Block 8: Peripheral Nerve Stimulation
Room Name: Fontaine Ballroom
Session Moderators: Mayank Gupta, MD, and Patrick Buchanan, MD

11:00-11:05A	<p>Abstract Awards</p>	<p>Presented by Kasra Amirdelfan, MD, and Erika Petersen, MD</p>
11:05-11:20A	<p>Peripheral Nerve Stimulation: Exploring the Best Targets and Indications</p>	<p>Moderated by Ali Valimahomed, MD, FAAPMR, and Amitabh Gulati, MD</p> <p>Panelists: Mitchell Engle, MD, PhD, Christopher J. Winfree, MD, Konstantin Slavin, MD, FAANS, David Reece, DO, Rebecca Sanders, MD, Jennifer Hah, MD</p>
11:20-11:35A	<p>Taking Peripheral Nerve Stimulation to the Second Generation: Novel Designs, Technology, and Waveforms</p>	<p>Moderated by Johnathan Goree, MD, and Sean Li, MD</p> <p>Panelists: Mayank Gupta, MD, Maged Guirguis, MD, Karina Gritsenko, MD, Warren Lee Grace III, MD, Christopher A. Gilmore, MD, Priyanka Ghosh, MD, Alaa Abd-Elseyed, MD, MPH</p>
11:35-11:50A	<p>The Evidence for Peripheral Nerve Stimulation: Expert Recommendations to Address the Gaps</p> <p>A Look at the Existing Evidence and its Respective Gaps to Be Addressed in the Next 5 Years.</p>	<p>Moderated by Lisa R. Kroopf, MD, and Salim M. Hayek, MD, PhD</p> <p>Panelists: Mitchell Engle, MD, PhD, Hemant Kalia, MD, MPH, Meredith Langhorst, MD, John A. Hatheway, MD, Robert D. Heros, MD, Alaa Abd-Elseyed, MD, MPH, Scott G. Pritzlaff, MD, CIPS, FIPP</p>



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11:50A-12:00P	Transition to Lunch
12:00-1:00P	Lunch Symposium Platinum Sponsor Biotronik Neuro Room Name: Ocean Promenade East <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>
12:00-1:00P	Luncheon Symposium Diamond Sponsor Medtronic Room Name: Spash 9/10 <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>
12:00-1:00P	Luncheon Symposium Diamond Sponsor Scilex Holding Company Room Name: Splash 11/12 <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>
1:00-1:10P	Transition Back to Sessions

General Session:
Room Name: Fontaine Ballroom
Day Theme: Neuromodulation
Block 9: The Science Hour
 Moderated by Lawrence Poree, MD, MPD, PhD, and Kathleen Meacham, MD, PhD

Business and Law in Medicine Break Out Session:
Room Name: Fleur de Lis
Course Director: Annu Navani, MD, Rehan Waheed, DO, JD, and Anil K. Sharma, MD
1:10-5:00P

<p>1:10-2:00P</p>	<p>Topics in Neuroscience: The Science Hour</p> <p>Moderated by Lawrence Poree, MD, MPD, PhD, and Kathleen Meacham, MD, PhD Panelists: Nick Knezevic, MD, and Prasad Shirvalkar, MD, PhD</p> <p>The Science behind Biomarker-Driven, Closed-Loop Pain Interventions</p> <p>Recent advancements in neuromodulation research have identified clinically-actionable electrical biomarkers for both chronic pain and its improved treatment efficacy using closed-loop systems. Our Science Hour panel will present some of the key neuroscientific, technological, and clinical underpinnings of these advancements, providing a fundamental groundwork for applying them to additional and next-generation therapies for effective, durable management of multiple chronic pain conditions.</p>	<p>1:10-1:30P</p> <p>Mergers and Acquisitions: Private Equity Involvement in the Pain Space Moderated by Sanjay Bakshi, MD, MBA Panelists: Anil K. Sharma, MD, Annu Navani, MD, Paul Lynch, MD, Sean Li, MD, J. Kyle Brown, BS, MBA</p>
		<p>1:30-1:50P</p> <p>Supergroups and the Future of Healthcare in the Corporate World Moderated by Stanley Golovac, MD Panelists: John V. Prunskis, MD, FIPP, Paul Lynch, MD, Ramana Naidu, MD, Morad Nasser, MD, Sanjay Bakshi, MD, MBA, J. Kyle Brown, BS, MBA</p>
<p>2:00-2:07P</p>	<p>ASPN Top Abstract Presentation 11:</p>	<p>1:50-2:10P</p> <p>Medical Malpractice with the Emerging World of MIS Moderated by Rehan Waheed, DO, JD Panelists: David D. Daggett, Esq., Larry T. Khoo, MD, Christopher K. Kim, MD, Jonathan Hyde, MD, Ioannis Skaribas, MD, DABA, FASA, Chad B. Stephens, DO</p>
<p>2:08-2:15P</p>	<p>ASPN Top Abstract Presentation 12:</p>	<p>2:10-2:30P</p> <p>Informed Consent Best Practices Moderated by Usman Latif, MD, MBA Panelists: Lisa R. Kroopf, MD, Jonathan Hyde, MD, Kevin Cairns, MD, MPH, Brian Durkin, DO, Vincent Galan, MD, MBA, Ioannis Skaribas, MD, DABA, FASA</p>
<p>2:16-2:20P</p>	<p>Late Breaking Abstract Presentation</p>	

<p>2:20-2:50P Sparkle Ballroom</p>	<p>Break with Exhibits and Abstract Poster Viewing Product Theater</p> <p><i>*Not part of the CME program</i></p>	
<p>Block 10: Advocacy, Ethics and the Politics of Pain and Neuroscience Session Moderators: Eric T. Lee, MD, and Greg Moore, MD</p>		<p>2:30-2:50P Building Compliant Ancillary Services for a Successful Practice Moderated by Tory L. McJunkin, MD Panelists: Yeshvant A. Navalgund, MD, Lisa R. Kroopf, MD, Ramoun Jones, MD, Rany T. Abdallah, MD, PhD, MBA</p>
<p>2:50-3:10P</p>	<p>New Innovations in Targeted Drug Delivery Moderated by Jason E. Pope, MD, and Amitabh Gulati, MD Panelists: Monika Y. Patel, MD, Lawrence Poree, MD, MPD, PhD, Vinay Puttanniah, MD, Timothy R. Lubenow, MD, Neel Mehta, MD, Edward Podgorski, MD</p>	<p>2:50-3:10P Building a Successful ASC Moderated by Vincent Galan, MD, MBA Panelists: Kenneth Candido, MD, Michael Danko, MD, Didier Demesmin, MD, MBA, Kevin Foley, MD</p>
<p>3:10-3:15P</p>	<p>An Update on the Journal of Pain Research: ASPN Official Journal Presented by Michael E. Schatman, PhD, Editor in Chief of JPR</p>	<p>3:10-3:30P The Role of an Expert Witness in Interventional Pain and Spine Moderated by Jay S. Grider, DO, PhD, MBA Panelists: Paul Lynch, MD, Stanley Golovac, MD, David D. Daggett, Esq., Rehan Waheed, DO, JD, Timothy T. Davis, MD, Chris Bovinet, DO, FAAPMR</p>
<p>3:15-3:30P</p>	<p>The Ethical Issues Facing the Care of the Pain Patient Moderated by Michael E. Schatman, PhD, and Stephanie Vanterpool, MD, MBA Panelists: Derron K. Wilson, MD, FIPP, Ioannis Skaribas, MD, DABA, FASA, Kevin Cairns, MD, MPH, Kenneth Candido, MD, Yashar Eshraghi, MD, Nick Knezevic, MD</p>	

Agenda

<p>3:30-3:50P</p>	<p>Is Our Space Ready for the Emerging AI Technologies? Moderated by Usman Latif, MD, MBA, and Nandan Lad, MD, PhD Panelists: Eric T. Lee, MD, Robert Levy, MD, PhD, Sean Li, MD, Pooja R. Chopra, MD, Latrice Akuamoah, MD, MPH, Mark N. Malinowski, DO, FIPP, Lawrence Poree, MD, MPD, PhD</p>	<p>3:30-3:50P Building a Successful Intrathecal Pump Practice Moderated by Jason E. Pope, MD Panelists: Edward Podgorski, MD, Michael Danko, MD, Jacqueline Weisbein, DO, Tammy Dann, DO, MPH</p>
<p>3:50-4:10P</p>	<p>The New Era: How Can Pain Doctors & Surgeons Increase Mutual Collaboration to Benefit Patients & Healthcare Moderated by Patrick Buchanan, MD, and Michael J. Dorsi, MD Panelists: Aaron K. Calodney, MD, FASA, FIPP, ABIPP, Shravani Durbhakula, MD, MPH, MBA, Mehul J. Desai, MD, MPH, Myrdalis Diaz-Ramirez, MD, Yashar Eshraghi, MD, Michael F. Esposito, MD</p>	<p>3:50-4:10P The Role of Interventional Pain and Spine in Large Healthcare Systems: Pros and Cons Moderated by Jay S. Grider, DO, PhD, MBA Panelists: George M Galvan, MD, FAANS, Neel Mehta, MD, Christopher M. Lam, MD, John Stevenson, MD, Tolga Suvar, MD, George E. Girardi, MD</p>
<p>4:10-4:30P</p>	<p>The Political Convergence of Specialties of Our Space: Is It Time for a Physician Union? Moderated by Anthony Giuffrida, MD, and Jessica Jameson MD, FASA Panelists: Christopher A. Gilmore, MD, Jay S. Grider, DO, PhD, MBA, Maged Guirguis, MD, Christopher J. Winfree, MD, Youssef Josephson, DO, Hemant Kalia, MD, MPH</p>	<p>4:10-4:30P Q&A and Closing Remarks Moderated by Annu Navani, MD, Rehan Waheed, DO, JD, and Anil K. Sharma, MD</p>
<p>4:30-4:50P</p>	<p>Multifaceted Diversity in Medicine: Gender, Race and Beyond Moderated by Pooja R. Chopra, MD, and Vwaire Orhurhu, MD, MPH Panelists: Ramoun Jones, MD, Gladstone C. McDowell II, MD, Neel Mehta, MD, Latrice Akuamoah, MD, MPH, Tammy Dann, DO, MPH, Ajay Antony, MD</p>	



American Society of Pain and Neuroscience (ASPAN) Presents PAIN, 2024
 Building Bridges to Better Healthcare
 Chairman and Co-Founder: Timothy R. Deer, MD
 Vice Chairman and Co-Founder: Dawood Sayed, MD
 Fontainebleau, Miami Beach, Florida | July 10–July 14, 2023

Agenda

4:50-5:00P	Closing Remarks Erika Petersen, MD, and Krishnan Chakravarthy, MD, PhD	
5:00-6:00P	Cocktail Reception Sponsored by Diamond Sponsor Curonix Room Name: Luster Lobby <i>*Not part of the CME program</i>	
8:00-10:00P	ASPAN Miami HEAT - Charity Reception Location: Luster Lobby <i>*Not part of the CME program</i>	Hosted by: Timothy R. Deer, MD, and Dawood Sayed, MD All Attendees Invited - \$50 Donation Recommended

Sunday, July 14, 2024

Time (EDT)	Location	Topic	Speakers
8:00A	Luster Lobby	Registration Open and Continental Breakfast	
8:00A	Sparkle Ballroom	Exhibitors Please Break Down Exhibits	
Theme for the Day: Ultrasound and Practice Building Abstracts Introduced by Session Moderators: Vinita Singh, MD, and David Rosenblum, MD			
8:00A	Fontaine Ballroom	Welcome Day 3	Stanley Golovac, MD
8:00-8:30A	Fontaine Ballroom	Closed Loop SCS Long-term Benefits: Facts of Fiction	Nagy Mekhail, MD, PhD



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8:30-9:00A	Fontaine Ballroom	Young Innovators: The Formula for Success During Your First Few Years of Practice	Moderated by Ryan Budwany, MD, MBA, MPH, and Nasir Khatri, MD Panelists: Christopher Robinson, MD, PhD, Evan Peskin, MD, MBA, Iden Cowan, MD, Raj G. Patel, MD, Ammar Mahmoud, MD, Yussr Ibrahim, MD, Melissa Murphy, MD, MPH, Vwaire Orhurhu, MD, MPH
9:00-9:07A	Fontaine Ballroom	ASPAN Top Abstract Presentation 13:	
9:08-9:15A	Fontaine Ballroom	ASPAN Top Abstract Presentation 14:	
9:24-9:31A	Fontaine Ballroom	ASPAN Top Abstract Presentation 15:	
9:32-9:45A	Fontaine Ballroom	Closing Remarks	Stanley Golovac, MD
10:00A		Sessions Close	

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

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