



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

Fontainebleau, Miami Beach, Florida

July 13-July 16, 2023

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

Wednesday, July 12, 2023			
Time (EDT)	Location	Topic	Faculty
12:00-5:00P	Fleur de Lis	Relievable Private Lunch and Fellows Lab	Invitation Only
2:00P	Sparkle Room	Tentative Set up Time for Exhibitors Early Check In for ASPAN Lab attendees	
5:00P		Relievable Private Cocktail Reception	Invitation Only
6:00-8:00P		Young Innovators Dinner <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	

Thursday, July 13, 2023			
Time (EDT)	Location	Topic	Faculty
8:00A-5:00P	Fontaine Ballroom	Fellow’s Demo Lab and Master’s Class	
7:00A	Luster Foyer	Registration and check in for Lab	

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



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Friday, July 15, 2023			
Time (EDT)	Location	Topic	Speakers
6:00-7:00A	Gym	ESSETRICS® Exercise Class	Alane B. Costanzo, MD
7:00-7:45A	Luster Foyer	Registration Open	
7:45A	Splash 9/10	Welcome to ASPAN PAIN 2023 “Raising the Bar: Innovation and Collaboration to Treat Chronic Pain”	Timothy R. Deer, MD and Dawood Sayed, MD
Main Session:			
7:45-8:30A	Splash 9/10	Breakfast Symposium Sponsored by Gold Sponsor Nalu Medical <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME</i>	
Day 1 Minimally Invasive Spine			
Block 1: The Science Hour			
8:30-9:20A	Fontaine/ Fleur de Lis	Topics in Neuroscience: The Science Hour	Moderators: Rick Paicius, MD, and Kathleen Meacham, MD, PhD Speakers:
9:20-9:25A	Fontaine/ Fleur de Lis	Introduction of the Best Research and Abstracts of ASPAN 2023	Kasra Amirdelfan, MD
Block 2: Innovations in Minimally Invasive Spine			
Abstract Presenters Introduced by Session Moderators Pooja R. Chopra, MD and Ajay Antony, MD			

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9:25-9:32A	Fontaine/ Fleur de Lis	Abstract Presentation: 1	TBD
9:33-9:40A	Fontaine/ Fleur de Lis	Abstract Presentation: 2	TBD
9:40-9:55A	Fontaine/ Fleur de Lis	Panel: Advancements in Spine Surgery: Robotics, Minimally Invasive Approaches, and Beyond	Moderated by Michael J. Dorsi, MD, and Soriaya Motivala, MD Panelists: Namath Hussain, MD, Jad Khalil, MD, Gurtej Singh, MD, Whitney James, MD, MHS, John Stevenson, MD, Daniel Denis, MD, MSc,
9:55-10:10A	Fontaine/ Fleur de Lis	Panel: A debate on lumbar fusion techniques: indications, data, patient selection	Moderated by Steven M. Falowski, MD, and Whitney James, MD, MHS Panelists: Chad Stephens, DO, Jeffrey S. Henn, MD, Soriaya Motivala, MD, Youssef Josephson, DO, Namath S. Hussain, MD, MBA, George M Galvan, MD, FAANS, Angel Boev, MD, FACS
10:10-10:30A	Sparkle Ballroom	Break with Exhibits and Abstract Poster Viewing Sponsored by Silver Sponsor Pacira Bioscience <i>*Not part of the CME program</i>	
Block 3: Regenerative Medicine: Research Becomes Reality Abstract Presenters Introduced by Session Moderators Daniel Denis, MD, MSc, FRCS and Maged Guirguis, MD			
10:30-10:37A	Fontaine/ Fleur de Lis	Abstract Presentation: 3	TBD
10:38-10:45A	Fontaine/ Fleur de Lis	Abstract Presentation: 4	TBD
10:45-11:10A	Fontaine/ Fleur de Lis	Panel: The Evidence for Cellular Intradiscal Therapies	Moderated by Dawn A. Sparks, DO, and Myrdalis Diaz-Ramirez, MD Panelists: Douglas P. Beall, MD, Sudhir Diwan, MD, Pankaj Mehta, MD, E. Jeffrey Donner, MD, Jonathan Carlson, MD, Anjum Bux, MD, Annu Navani, MD



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11:10-11:35A	Fontaine/ Fleur de Lis	Panel: Beyond Stem Cells	Moderated by Kasra Amirdelfan, MD and Nagy Mekhail, MD, PhD Panelists: George C. Chang Chien, DO; Alane B. Costanzo, MD, Pierce D. Nunley, MD, Nomen Azeem, MD, FAAPMR, Jonathan Carlson, MD, Aaron K. Calodney, MD, FASA, FIPP, ABIPP
11:35A-12:00 P	Fontaine/ Fleur de Lis	Panel: Regenerative Medicine for the Peripheral Joints	Moderated by John S. Michels, MD, and Vinita Singh, MD Panelists: George C. Chang Chien, DO, Corey W. Hunter, MD, FIPP, Kenneth Candido, MD, Ali Valimahomed, MD, FAAPMR
12:00-1:00P	Splash 13-16	Lunch Symposium Sponsored by Platinum Sponsor Relieva <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	
12:00-1:00P	Splash 9/10	Lunch Symposium Sponsored by Platinum Sponsor Biotronik <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	
12:00-1:00P	Splash 11/12	Lunch Symposium Sponsored by Platinum Sponsor Abbott <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	
1:10-1:40P	Luster Foyer	Executive Perspectives on the Field of Interventional Pain, Spine, and Neuroscience <i>*Not part of the CME program</i>	Moderated by Dawood Sayed, MD, and Timothy Deer, MD Panelists: Lisa Earnhardt (Abbott), Maria Bennett (SPR Therapeutics), Niamh Pellegrini (Nevro), Nnamdi Njoku (Medtronic), Tyler Binney (Relieva), Eric Wichems (Vertos), Todd Langevin (Biotronik), Maulik Nanavaty (Boston Scientific)
General Session Block 4: New Frontiers in SI Joint Treatment Room Name: Fontaine/Fleur de Lis Abstract Presenters Introduced by Session Moderators Robert Levy, MD, PhD, and Salim M. Hayek, MD, PhD			Translational Science Break Out Session Room Name: Splash 17/18 Course Director: Rick Paicius, MD, and Kathleen Meacham, MD, PhD
1:40-1:47P	Abstract Presentation: 5		Agenda TBD
1:48-1:55P	Abstract Presentation: 6		



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1:55-2:10P	Panel: Post Concussion Injury in Sports Moderators: Erika Petersen, MD, and Peter S. Staats, MD, MBA Panelists: John S. Michels, MD, Johnathan Goree, MD, Matthew Antonucci, DC	
2:10-2:25P	Panel: How to choose a sacroiliac fusion system: what role does data play? Moderated by Derron K. Wilson, MD, FIPP, and Rebecca Sanders, MD Panelists: Patrick Buchanan, MD, Denis G. Patterson, DO, Jeffrey S. Henn, MD, Youssef Josephson, DO, Jordan Lee Tate, MD, MPH, Chris Bovinet, DO, FAAPMR, E. Jeffrey Donner, MD	
2:25-2:40P	Panel: Review of data on sacroiliac joint complex RFN: Which techniques are the most effective? Moderated by Reda M. Tolba, MD, and Chau M. Vu, MD Panelists: Stephen Cohen, MD, David W. Lee, MD, Michael Verdolin, MD, Stephanie Vanterpool, MD, MBA, Henry Vucetic, MD, Ashley Bailey-Classen, DO	
2:40-3:00P	Sparkle Ballroom	Break with Exhibits and Abstract Poster Viewing: Sponsorship Available <i>*Not part of the CME program</i>

Block 5: Vertebral Augmentation, Neuroablation, and Spinal Stenosis

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

3:00-3:15P	Fontaine/ Fleur de Lis	Panel: Who is driving the New CLBP Paradigm? Interdisciplinary Perspectives on Vertebrogenic Pain	Moderated by Ramana K. Naidu, MD, and Greg Moore, MD Panelists: Kiran V. Patel, MD, Anthony Giuffrida, MD, Josh Hirsch, MD, Morad Nasser, MD, Jad Khalil, MD, Aileen Padilla, MD, Melissa Murphy, MD,
3:15-3:30P	Fontaine/ Fleur de Lis	Panel: Current State of the Evidence in Ablative and Augmentative Therapies	Moderated by Vinita Singh, MD, and Peter S. Staats, MD, MBA Panelists: Amol Soin, MD, Harry P. Sukumaran, MD, John S. Michels, MD, Edward S. Yoon, MD, Josh Hirsch, MD, Karina Gritsenko, MD



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3:30-3:45P	Fontaine/ Fleur de Lis	Panel: Alternative RFA techniques for back pain	Moderated by Jay S. Grider, DO, PhD, MBA, and Helen M. Blake, MD, MBA Panelists: Mark Russo, MD, Maged Guirguis, MD, Christopher K. Kim, MD, Christopher M. Lam, MD, Tory L. McJunkin, MD, Anne T. Christopher, MD, Maxim Eckmann, MD
3:45-4:00P	Fontaine/ Fleur de Lis	Panel: Next Generation of Vertebral Augmentation	Moderated by Ryan D’Souza, MD, and Shravani Durbhakula, MD, MPH, MBA Panelists: Douglas P. Beall, MD, Daniel Nguyen, MD, Edward S. Yoon, MD, Greg Moore, MD, John R. Orphanos, MD, FAANS, Matthew T. Ranson, MD, Rany T. Abdallah, MD, PhD, MBA
4:00-4:15P	Fontaine/ Fleur de Lis	Panel: Axial Spine Pain: Vertebrogenic, Discogenic and Posterior Spine Pain: Making the Right Diagnosis and Prevent Failed Implants or Techniques?	Moderated by David Lee, MD, and Mark N. Malinowski, DO Panelists: Robert D. Heros, MD, Navdeep Jassal, MD; Ajay Antony, MD; Alexios Carayannopoulos, DO, MPH, Christy Hunt, DO, MS, David Dickerson, MD
4:15-4:30P	Fontaine/ Fleur de Lis	Panel: Advancements in Minimally Invasive Techniques for Spinal Stenosis	Moderated by Miles Day, MD, and Sudhir Diwan, MD Panelists: Peter G. Pryzbylkowski, MD, Kevin Cairns, MD, MPH, Harold Cordner, MD, Mark Coleman, MD, Denis G. Patterson, DO, Alexander Escobar, MD, Myrdalis Diaz-Ramirez, MD, Aileen Padilla, DO, Robert Levy, MD, PhD
4:30-4:45P		Panel: Therapeutic Approaches to Cancer Pain	Moderated by Rudy Malayil, MD, and Vinay Puttanniah, MD Panelists: Amitabh Gulati, MD, Stanley Golovac, MD, Monika Y. Patel, MD, Edward Podgorski, MD, Hemant Kalia, MD, MPH
4:45-5:00P	Fontaine/ Fleur de Lis	Closing Remarks: RACE PROMO - Guest Speaker? <i>*Not part of the CME program</i>	Timothy Deer, MD



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5:00~6:00P	Sea Green Lawn	<p>ASPAN Annual 5k Walk and Run for Charity</p> <p>Beneficiaries: Challenged Athletes, IronAID <i>Team Competition and Individual Awards for Men and Women’s divisions.</i></p> <p>Race Shirts sponsored by Kelly Castleberry of Morgan Stanley/ Graystone <i>*Not part of the CME program</i></p>	
6:00-6:30P	Sea Green Lawn	<p>Post-Race Reception Sponsored by Platinum Sponsor Basic Home Infusion,</p> <p><i>*Not part of the CME program</i></p>	

7:00-8:30P	7S Motorsports or Glimmer 5&6	<p>Faculty Dinner and Awards Symposium Sponsored by Platinum Sponsor Abbott</p> <p>ASPN AWARD PRESENTATIONS</p> <p>Welcome - Timothy R. Deer, MD, Dawood Sayed, MD, Jason E. Pope, MD and Erika A. Petersen, MD</p> <p><i>Lifetime Achievement Award</i> Presented by: Timothy R. Deer, MD Recipients: Timothy R. Lubenow, MD and Douglas P. Beall, MD</p> <p><i>Functional Neurosurgeon of the Year Award</i> Presented by: Konstantin V. Slavin, MD, FAANS Recipient: Ahmed Raslan, MD</p> <p><i>3rd Annual Lisa Stearns Legacy Diversity Award</i> Presented by: Michael F. Esposito, MD Recipient:</p> <p><i>Clinical Excellence Awards</i> Presented by: Jacqueline Weisbein, DO and Sean Li, MD Recipients:</p> <p><i>Educator of the Year Awards</i> Presented by: Scott G. Pritzlaff, MD, CIPS, FIPP, and Shravani Durbhakula, MD, MPH, MBA Recipients:</p> <p><i>Innovation and Patient Safety Award</i> Presented by: Christopher J. Gilligan, MD Recipient:</p> <p><i>Chairman’s Armed Forces Service Award</i> Presented by: David Reece, DO Recipients: Michael Verdolin, MD and Alane Costanzo, MD</p> <p><i>Young Innovators Awards</i> Presented by: Nasir Khatri, MD, and Ryan Budwany, MD Recipients: Ashley Bailey-Classen, DO and Chau Vu, MD</p> <p>*Not part of the CME program</p>
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6:15-7:15A	Location: Gym	ESSETRICS [®] Exercise Class	ESSETRICS [®] Exercise Class
7:15-7:45A	Registration Open in Luster Foyer		
Time (EDT)	General Session: Room Name: Fontaine Ballroom Day Theme: Neuromodulation	APP Break Out Course Room Name: Splash 17&18 Course Directors: Ashley Comer, FNP, Zohra Hussani, FNP and Brittney Misercola, MSN, FNP-C	
7:00-7:45A	Breakfast sponsored by Gold Sponsor - Averitas Pharma Room: Splash 9/10 <i>*Not part of the CME program</i>	Breakfast Sponsored by Platinum Sponsor Relievent Room Name: Splash 1-3 <i>*Not part of the CME program</i>	
7:45-8:00A	Welcome to Day 2 - Presidential Address in Fontaine Ballroom Presented by: Jason E. Pope, MD and Erika A. Petersen, MD	Welcome Course Directors	
Block 6: Neuromodulation - Spinal Cord Stim Moderated by Jason Pope, MD, and Erika Petersen, MD Abstract Presenters Introduced by Session Moderators Michael F. Esposito, MD, and Jonathan M. Hagedorn, MD			
8:00-8:15A	Panel: Closed Loop Stimulation: Physiological Outcomes and Different Strategies Moderated by Jason E. Pope, MD, and Erika Petersen, MD Panelists: Erich W. Wolf II, MD, PhD, Sean Li, MD, Melissa Murphy, MD, MPH, Michael A. Fishman, MD, MBA, Krishnan Chakravarthy, MD, PhD, Paul Verrills, MD	Identification and Management of Vertebral Compression Fractures Presented by Nasir Khatri, MD	



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8:15-8:30A	<p>Panel: A Plethora of Choices: How to Choose the Right Spinal Cord Stimulator for Your Patient Moderated by Stephanie Vanterpool, MD, MBA, and Jennifer Hah, MD Panelists: Jacqueline Weisbein, DO, Jordan Lee Tate, MD, MPH, Tammy Baker-Dann, DO, MPH, Jennifer Marie Lee, MD, Anne T. Christopher, MD, Pooja R. Chopra, MD</p>
8:30-8:45A	<p>An update on DRG: Durability, outcomes, and upper spinal targets Moderated by Timothy Deer, MD, and Jacqueline Weisbein, DO Panelists: Timothy R. Lubenow, MD, Kenneth B. Chapman, MD, Nestor D. Tomycz, MD, David Dickerson, MD, Corey W. Hunter, MD, FIPP, Iden Cowan, MD</p>
8:45-8:52A	Abstract 7
8:53-9:00A	Abstract 8
9:01-9:08A	Abstract 9

Facial & HA Pain – Presented by Miles Day, MD, Kevin Vorenkamp, MD



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<p>9:09-9:25A</p>	<p>Panel: Personalized SCS: AI, closed loop, machine learning, personalized waveforms Moderated by Kathleen W. Meacham, MD, PhD, and Anjum Bux, MD Panelists: Usman Latif, MD, MBA, Nandan Lad, MD, PhD; Peter S. Staats, MD, MBA; Derron K. Wilson, MD, FIPP; Jonathan M. Hagedorn, MD; Michael F. Esposito, MD, Ahmed Raslan, MD</p>		
<p>9:25-9:40A</p>	<p>Panel: New Indications in Spinal Cord Stimulation; non-surgical low back pain, diabetic neuropathy, cervical disease and beyond Moderated by Kasra Amirdelfan, MD, and Johnathan Goree, MD Panelists: Chau M. Vu, MD, Mansoor M. Aman, MD, Alexander Escobar, MD, Michael Danko, MD, Shachi Patel, MD, Kenneth B. Chapman, MD, Henry Vucetic, MD, Leonardo Kapural, MD, PhD</p>		
<p>9:40-10:00A</p>	<p>Break with Exhibits and Abstract Poster Viewing Sponsorship Available</p> <p><i>*Not part of the CME program</i></p>		
<p>Block 6: ASPAN Executive Collaboration Committee (ECC) Town Hall Moderated By Timothy Deer, MD, Kasra Amirdelfan, MD, and Dawood Sayed, MD ECC Panelists: Douglas P. Beall, MD, Erika A. Petersen, MD, Steven M. Falowski, MD, Louis J. Raso, MD, Kiran V. Patel, MD, Whitney James, MD, MHS, Soriaya Motivala, MD, Jad Khalil, MD, Ahmed Raslan, MD</p>		<p>Cracking the 'Case' : Challenging and Unique Chronic Pain Cases</p>	
<p>10:00-10:05A</p>	<p>ASPAN Town Hall Collaboration Panel Introduction</p>	<p>Station 1</p>	<p>Regenerative Pain Trx Presented by Ali Valimahomed, MD, FAAPMR</p>
<p>10:05-10:12A 10:12-10:15A</p>	<p>Abstract Presentation: 9 Q&A</p>		
<p>10:15-10:22A 10:22-10:25A</p>	<p>Abstract Presentation: 10 Q&A</p>		



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10:25-10:32A 10:32-10:35A	Abstract Presentation: 11 Q&A		
10:35-10:42A 10:42-10:45A	Abstract Presentation: 12 Q&A	Station 2	Identification and management of Chronic Abdominal/ Pelvic Pain syndromes Presented by Nasir Khatri, MD, and Brittney Misercola, MSN, FNP-C
10:45-10:52A 10:52-10:55A	Late Breaking Abstract Presentation: Q&A		
10:55-11:00A	ISPN: Update Presented by Reda M. Tolba, MD	Station 3	Recognizing and Assessing Thoracic Outlet/Brachial plexopathy Presented by David W. Lee, MD
Block 8: Peripheral Nerve Stim Abstract Presenters Introduced by Session Moderators Eric G. Cornidez, MD, MBA, and Alane B. Costanzo, MD			
11:05-11:07A	Abstract Presentation: 13		
11:08-11:25A	Panel: Disease Modifying Therapies in Pain Medicine - The Future of Our Field? Moderated by Christopher J. Gilligan, MD, and Kiran V. Patel, MD Panelists: Josh Hirsch, MD, Meredith Langhorst, MD, Anthony Giuffrida, MD, Krishnan Chakravarthy, MD, PhD, Nomen Azeem, MD, FAAPMR		
11:25-11:40A	Panel: Peripheral Nerve Stimulation: Technology Evolution and Expert Insights Moderated by Natalie H. Strand MD, and Alaa Abd-Elseyed, MD, MPH Panelists: Christopher A. Gilmore, MD, Amitabh Gulati, MD, Scott G. Pritzlaff, MD, CIPS, FIPP, Ryan D'Souza, MD, Jennifer Hah, MD, Brian K. Rich, MD, Aashish Jay Kumar, MD, D.ABA	Station 4	Low Dose Naltrexone in Central Pain Syndromes Zohra Hussani, FNP



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11:40-11:55A	Panel: PNS - Emerging Indications Based on the Evidence Moderated by Konstantin Slavin, MD, FAANS, and Dawn A. Sparks, DO Panelists: Leonardo Kapural, MD, PhD, Morad Nasser, MD, Mehul J. Desai, MD, MPH, Samir J. Sheth, MD, Priyanka Ghosh, MD		
11:55A-12:00 P	Abstract Awards Presented by Kasra Amirdelfan, MD, and Jason E. Pope, MD		
12:00-1:00P	Luncheon Symposium sponsored by Diamond Sponsor - Medtronic Room: Splash 9/10 <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	APP Lunch Symposium Sponsored By Diamond Sponsor SPR Therapeutics Room Name: Splash 1-3 <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i> Stick around after lunch for afternoon social with Spinal Simplicity!	
12:00-1:00P	Luncheon Symposium sponsored by Diamond Sponsor - Nevro Room: Splash 11/12 <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>		
12:00-1:00P	Luncheon Symposium sponsored by Diamond Sponsor - Vertos Room: Splash 13-16 <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>		
Time (EDT)	General Session: Room Name: Fontaine/Fleur de Lis Day Theme: Neuromodulation	Business and Law in Medicine Break Out Session: Room Name: Splash 17/18 Course Director: Annu Navani, MD, Rehan Waheed, DO, JD, and Anil K. Sharma, MD 1:00-2:50P	
Block 9: Targeted Drug Delivery and Complications Abstract Presenters Introduced by Session Moderators Neel Mehta, MD, and Yashar Eshraghi, MD		1:00-1:15PM Rehan Waheed, DO, JD	
1:00-1:07P	Abstract Presentation: 15		



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1:08-1:15P	Abstract Presentation: 16	
1:15-1:25P	Late Breaking Abstract Presentation:	1:15-1:25PM Informed Consent for Spine Procedures: Best Practice Guidelines Ankur Patel, MD
1:25-1:45P	Panel: Restoration of Efficacy with IDD Moderated by Stanley Golovac, MD, and Pankaj Mehta, MD Panelists: Salim M. Hayek, MD, PhD, Tammy Dann, DO, MPH, Erik Shaw, DO, Michael Saulino, MD, PhD, Jay S. Grider, DO, PhD, MBA, Hemant Kalia, MD, MPH	1:25-1:35PM Private Equity - Mergers and Acquisitions Anil K. Sharma, MD
		1:35-1:45PM Investment Strategies in Med Tech Timothy T. Davis, MD, and Anil K. Sharma, MD
1:45-2:00P	Panel: Intrathecal Drug Therapies and Barriers of Adoption Moderated by Jillian Maloney, MD, and Neel Mehta, MD Panelists: Rany T Abdallah, MD PhD MBA, Alaa Abd-Elsayed, MD, Michael Saulino, MD, PhD, Gladstone C. McDowell II, MD, Mark N. Malinowski, DO, FIPP, Mayank Gupta, MD	1:45-2:00 PM Legal Implications Jeffrey Peterson, David D. Daggett, Esq. and Bill Tiano, Esq.
2:00-2:20P	Panel: Mitigating Complications in Implantable Technologies Moderated by Kevin Vorenkamp, MD, and Jay M. Shah, MD, FAAPMR Panelists: Sean Li, MD, Christopher Lam, MD, Jennifer Marie Lee, MD, David Reece, DO; Eric Cordinez, MD, James J. Yue, MD, Ioannis Skaribas, MD, DABA, FASA	2:00-2:10 PM The Role of AI and Software in Medicine Leon Anijar, MD, and Timothy T. Davis, MD
		2:10-2:20 PM 21 st Century Essentials for Medical Practice: Diversity and Scalability John V. Prunskis, MD, FIPP
2:20-2:50P Sparkle Ballroom	Break with Exhibits and Abstract Poster Viewing Sponsorship Available <i>*Not part of the CME program</i>	2:20-2:30 PM The Balance between quality and productivity: Secrets of successful pain practice Louis J. Raso, MD, and Annu Navani, MD
		2:30-2:40 PM The Era of Corporate Medicine Anish S. Patel, MD, MBA

Agenda

Block 10: The Universe of Therapeutic Approaches to Pain		2:40-2:50 PM Building a Profitable Practice Vincent Galan, MD, MBA
2:50-3:10P	Panel: The Role of Cannabinoids and Psychedelics Moderated by Jason E. Pope, MD, and Natalie H. Strand, MD Panelists: Michael Verdolin, MD, Amol Soin, MD, Yeshvant A. Navalgund, MD, Peter G. Pryzbylkowski, MD, Timothy T. Davis, MD	2:50-3:10 PM Break with Exhibits and Abstract Poster Viewing Sparkle Ballroom *Not part of the CME program
3:10-3:30P	Panel: A comprehensive algorithm for painful diabetic neuropathy: A review of current treatment options Moderated by Ali Nairizi, MD, and Samer N. Narouze, MD, PhD Panelists: Gurtej Singh, MD, Vwaire Orhurhu, MD, MPH, Ramana Naidu, MD, Michael A. Fishman, MD, MBA, Marshall Bedder, MD, FRCPC	
3:30-3:50P	Panel: The multidisciplinary approach to functional restoration Moderated by Annu Navani, MD, and Navdeep S. Jassa, MD Panelists: Ramoun Jones, MD, Hemant Kalia, MD, MPH, Eric T. Lee, MD, Michael E. Schatman, PhD, John Stevenson, MD, Keith W. Schmidt, MD	
3:50-4:10P	Panel: Young Innovators Panel Moderated by Nasir Khatri, MD, and Ryan Budwany, MD Panelists: Vinny Francio, MD, Raj G. Patel, MD, Daniel Kanzer, MD, Shashank Vodapally, DO, Ryan D'Souza, MD, Chau M. Vu, MD, Ashley Bailey-Classen, DO	
4:10-4:30P	Panel: Educational Pathways to Interventional Pain and Spine Excellence Moderated by Sayed Emal Wahezi, MD, and Alaa Abd-Elseyed, MD, MPH Panelists: Mehul J. Desai, MD, MPH, Scott G. Pritzlaff, MD, CIPS, FIPP, Michael S. Leong, MD, Timothy R. Lubenow, MD, Helen M. Blake, MD, MBA, Shravani Durbhakula, MD, MPH, MBA	
4:30-4:50P	Panel: Mind and Body Dualism: The Psychological Road to Recovery Moderated by Michael E. Schatman, PhD, and Michael S. Leong, MD Panelists: Marshall Bedder, MD, FRCPC, Dawn A. Sparks, DO, Jason C. Rosenberg, MD, Matthew T. Ranson, MD, Mark N. Malinowski, DO, FIPP	
4:50-5:00P	Closing Remarks Presented by Jason E. Pope, MD, and Erika A. Petersen, MD	
5:00-6:00P	Cocktail Reception Room Name: Luster Lobby <i>*Not part of the CME program</i>	



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 “Raising the Bar: Innovation and Collaboration to Treat Chronic Pain”
 Course Directors:
 Timothy R. Deer, MD, Dawood Sayed, MD,
 Jason E. Pope, MD, and Erika A. Petersen, MD
 Fontainebleau, Miami Beach, Florida | July 13–July 16, 2023

Agenda

8:00-9:30P	ASPAN Miami HEAT - White Tie Charity Reception Sponsored by PainTEQ with DJ Doc Location: Luster Lobby <i>*Not part of the CME program</i>	Hosted by: Timothy R. Deer, MD, Dawood Sayed, MD, Natalie Strand, MD, and Jackie Weisbein, DO all attendees invited - \$50 donation requested
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Sunday, July 16, 2023			
Time (EDT)	Location	Topic	Speakers
6:30-7:30A	Gym	ESSETRICS ® Exercise Class	Alane B. Costanzo, MD
7:45-8:15A	Luster Lobby	Registration Open and Continental Breakfast	
Theme for the Day			
Ultrasound and Practice Building			
8:15A		Welcome Day 3	Stanley Golovac, MD
8:15-8:30A		Education and Qualification in Neuromodulation	Vivek Mehta, MD, Kavita Poply, MD
8:30-8:40A		Advocacy	Stephanie Vanterpool, MD, MBA
8:40-9:00A		TBD	
9:00-9:30A		TBD	
9:30-12:00P		Ultrasound Guidance for Pain <ul style="list-style-type: none"> ● Lower extremity ● Upper extremity ● Torso ● Spine 	Ali Valimahomed, MD, FAAPMR, Tolga Suvar, MD, Yashar Eshraghi, MD, Christopher A. Gilmore, MD



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9:30-12:00P		Marketing and Growing Your Practice	John V. Prunskis, MD, FIPP, Tory L. McClunkin, MD, Christy Saia Owenby, Yeshvant Navalgund, MD, Kris Ferguson, MD, Vincent Galan, MD, MBA, Mayank Gupta, MD, Sanjay Bakshi, MD, MBA
10:00A		Exhibitors Please Break Down Exhibits	
12:00P		Sessions Close	

Acknowledgements:

Thank you to the ASPAN Scientific Review Committee:

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

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

ASPAN Annual Planning Committee:

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