



American Society of Pain and Neuroscience (ASPAN) Presents PAIN, 2022 “The Science Meeting: Pioneering the World”

**Loews Miami Beach Hotel, Miami Beach, Florida
July 14–July 17, 2022**

Planning Committee: Timothy Deer, MD, Dawood Sayed, MD, Jason E Pope, MD, Erika A. Petersen, MD, Harry P. Sukumaran, MD, Mark N. Malinowski, DO, FIPP, Kasra Amirdelfan, MD

Wednesday, July 13, 2022			
Time (EDT)	Location	Topic	Faculty
4:30-6:00P	Rotunda	Registration and check in for Hands-on Training Lab	
6:00-8:00P	Poinciana	Young Innovators Dinner Sponsored by Platinum Sponsor Abbott <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	Timothy R. Lubenow, MD, Jacqueline Weisbein, DO, Kiran V. Patel, MD, Johnathan Goree, MD

Thursday, July 14, 2022			
Time (EDT)	Location	Topic	Faculty
		HANDS-ON TRAINING LAB	
7:00A	Rotunda	Registration and check in for Hands-on Training Lab	
7:15-8:00A	Poinciana	Breakfast Symposium Sponsored by Platinum Sponsor Abbott DORSAL ROOT GANGLION (DRG) <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	Timothy Deer, MD, Steven M. Falowski, MD, Ajay Antony, MD, Youssef Josephson, DO
8:00A-5:00P	Americana 1,2	Hands-on Training 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	Poinciana	Luncheon Symposium Sponsored by SPR Therapeutics <i>Do More with Less with SPRINT PNS</i>	Amit Gulati, MD, Ali Valimahomed, MD, FAAPMR

		<i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	
1:25-5:00P	Americana 1,2	Hands-on Training Lab Final lab rotations See lab agenda for rotation and session details	
12-5PM	Americana 3&4	Conference Exhibit Set up	
5:00-6:00P	Preston's Terrace	Young Innovators Reception Sponsored by Diamond Sponsor Medtronic <i>*Not part of the CME program</i>	Welcome: Timothy Deer, MD, Dawood Sayed, MD, Jason Pope, MD and Erika A. Petersen, MD

Friday, July 15, 2022

Time (EDT)	Location	Topic	Speakers
6:00-7:00A	Americana Lawn	ESSETRICS® Exercise Class	Alane B. Costanzo, MD
7:00-8:00A	Rotunda	Registration: Must Sign-in to Claim CME Credit	

Main Session:

7:45A	Poinciana	Welcome to ASPAN PAIN 2022 "The Science Meeting: Pioneering the World"	Timothy Deer, MD, and Dawood Sayed, MD
7:45-8:30A	Poinciana	Breakfast Symposium Sponsored by Gold Sponsor Nalu Medical <i>Redefining PNS and SCS Applications with a Micro-IPG</i> <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	Presenters: Paul Lynch, MD, Mark N. Malinowski, DO, FIPP, Camilla Binks, MSN, FNP-C and Christopher A. Gilmore, MD

MIS and Biomechanics

Block 1: Topics in Neuroscience

8:30-9:20A	Americana 2	Topics in Neuroscience: The Science Hour	Moderators: Kathleen W. Meacham, MD, PhD, and Rick M. Paicius, MD Guest Speakers: Fernando Aleman, PhD, Gracesenia Verina Chahyadinata
9:20-9:25A	Americana 2	Introduction of the Best Research and Abstracts of ASPAN 2022	Kasra Amirdelfan, MD, VP of Clinical Affairs

Block 2: Regenerative Science

Abstract Presenters Introduced by Dawn A. Sparks, DO, and Derron K. Wilson, MD, FIPP			
9:25-9:32A	Americana 2	Abstract Presentation: Posterior Fixation of the Sacroiliac Joint Removes Less Bone and Increases Surface Area: A Computer Model Analysis	Steven M. Falowski, MD
9:32-9:39A	Americana 2	Abstract Presentation: Disc Progenitor Cell Therapy Produces Clinically Meaningful Improvements in Pain, Disability, and Quality of Life for Patients with Lumbar Disc Degeneration with Durability of Results at 78 Weeks	Timothy T. Davis, MD
9:39-9:46A	Americana 2	Abstract Presentation: Viable Disc Allograft Supplementation in Patients With Chronic Low Back Pain (VAST Trial): Interim 36-month Results of an Open-label Extension Study	Douglas P. Beall, MD
9:46-10:00A	Americana 2	Panel: Breaking Down the current data for Intradiscal Cell Therapies	Moderators: Annu Navani, MD, and Timothy T. Davis, MD Panlists: Corey W. Hunter, MD, FIPP, George C. Chang Chien, DO, Jonathan Carlson, MD, Kasra Amirdelfan, MD, Dawn A. Sparks, DO, Dan Bates (BSc.(HONS), B.Med, FACSEP)
10:00-10:30A	Americana 3&4	Break with Exhibits and Abstract Poster Viewing Sponsored by Silver Sponsor: Mainstay Medical <i>*Not part of the CME program</i>	
Block 3: Spine: Diagnostics and Biomechanics			
Abstract Presenters Introduced by Priyanka Ghosh and John S. Michels, MD			
10:30-10:37A	Americana 2	Abstract Presentation: RAPID: An International, Prospective, Multicenter Study of Radiofrequency Ablation Outcomes in Chronic Pain Patients	Louis J. Raso, MD, PA
10:37-10:44A	Americana 2	Abstract Presentation: Quantifying the Long-Term Impact of a Motion-Sparing Interspinous Spacer on Sagittal Alignment in Patients with Lumbar Spinal Stenosis	Peter Whang, MD
10:44-10:51	Americana 2	Abstract Presentation: Observational study of the effect of differential target multiplexed SCS on intractable upper extremity pain	Ricardo Vallejo, MD, PhD
10:51-11:10A	Americana 2	Panel: The Imaging of Pain: What Is Abnormal?	Moderators: Sayed Emal Wahezi, MD, and Timothy R. Lubenow, MD Panelists: John S. Michels, MD, Douglas P. Beall, MD, Ajay Antony, MD,

			Denis G. Patterson, DO, Whitney James, MD, MHS, Peter G. Pryzbylkowski, MD
11:10-11:30A	Americana 2	Panel: The Mechanics of Pain in the Facet and Sacroiliac Joints	Moderators: Dawood Sayed, MD, and Pankaj Mehta, MD Panelists: George E. Girardi, MD, Maged Guirguis, MD, Christopher K. Kim, MD, Peter G. Pryzbylkowski, MD, Jennifer Marie Lee, MD, Dan Bates (BSc.(HONS), B.Med, FACSEP)
11:30-11:50A	Americana 2	Panel: Mechanisms of Spinal Disease: Spinal Stenosis, Spondylolisthesis, Degenerative Disc Disease	Moderators: Michael J. Dorsi, MD, and Jason E. Pope, MD Panelists: Steven M. Falowski, MD, Jacqueline Weisbein, DO, Mark Coleman, MD, Harold Cordner, MD, Denis G. Patterson, DO, Ahmed Raslan, MD, Louis J. Raso, MD, PA
11:50-12:00P	Americana 2	Q&A	All Faculty
12:00-1:00P	Poinciana 1&2	Lunch Symposium Sponsored by Platinum Sponsor: Relievant <i>New! Review of the ASPAN Treatment Guidelines on Basivertebral Nerve Ablation for Vertebrogenic Pain</i> <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	Moderated by Dawood Sayed, MD Panel: Brian Durkin, DO, Anthony Giuffrida, MD, Kiran V. Patel, MD, and Ramana Naidu, MD
12:00-1:00P	Poinciana 3&4	Lunch Symposium Sponsored by Diamond Sponsor: Medtronic <i>Advancing SCS: Learn about new advancements in DTMTM SCS therapy options, diabetic peripheral neuropathy, and ECAPs research</i> <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	Krishnan Chakravarthy, MD, PhD, Tammy Dann, DO, Michael A. Fishman, MD, MBA, Ricardo Vallejo, MD, PhD
Block 4: Minimally Invasive Spine Treatments			
Abstract Presenters Introduced by Rehan Waheed, DO, JD, and Karina Gritsenko, MD			
1:00-1:07P	Americana 2	Abstract Presentation: Utilizing intraoperative neuromonitoring to compare myotomal coverage and EMG recruitment for single and multi- area	Steven M. Falowski, MD

		burst spinal cord stimulation for treatment of chronic pain	
1:07-1:14P	Americana 2	Abstract Presentation: Assessing Benefit of Spinal Cord Stimulation Utilizing Sensor-based Motion Analytics	Gladstone C McDowell II, MD
1:14-1:21P	Americana 2	Abstract Presentation: Applying Dermatomal Somatosensory Evoked Potential as a Safety Measure during Procedure of Dorsal Root Ganglion Stimulator Placement	Lei Lu, MD, PhD
1:21-1:40P	Americana 2	Panel: Interventional Approaches to Degenerative Axial Back Pain	Moderated by: Dawood Sayed, MD, and Jordan Lee Tate, MD, MPH Panelists: Ramana Naidu, MD, Kasra Amirdelfan, MD, Kiran V. Patel, MD, Timothy T. Davis, MD, Michael F. Esposito, MD, Christopher K. Kim, MD, Eric T. Lee, MD
1:40-2:00P	Americana 2	Interventional Approaches to Spinal Stenosis: MIST 2.0	Moderated By: Timothy Deer, MD, and Jay S. Grider, DO, PhD, MBA Panelists: Jason E. Pope, MD, Michael J. Dorsi, MD, Nomen Azeem, MD, FAAPMR, Ajay Antony, MD, Robert Levy, MD, PhD, Karina Gritsenko, MD, Neel Mehta, MD
2:00-2:20P	Americana 2	Panel: Treatment of Spondylolisthesis and Instability: Percutaneous and Open Approaches	Moderators: Erika A. Petersen, MD, and Krishnan Chakravarthy, MD, PhD Panelists: Ankur Khosla, MD, Steven M. Falowski, MD, John R. Orphanos, MD, FAANS, Jeffrey S. Henn, MD, Douglas P. Beall, MD, Ashley Bailey-Classen, DO, Michael F. Esposito, MD, Michael J. Dorsi, MD
2:20-2:40P	Americana 2	Panel: Minimally Invasive Options for Sacroiliac Disorders	Moderated By: Kasra Amirdelfan, MD, and Steven M. Falowski, MD Panelists: Jeffrey S. Henn, MD, John R. Orphanos, MD, FAANS, Pankaj Mehta, MD, Chau M. Vu, MD, Patrick Buchanan, MD, James S. Harman, DO, Alexander Escobar, MD, Annu Navani, MD

Abstract Presenters Introduced by Helen M. Blake, MD, MBA, and Nagy Mekhail, MD, PhD			
2:40-2:47P	Americana 2	Abstract Presentation: Disparities in Interventional Pain Management of Lumbar Radiculopathy	Robert Louis, MD, BA
2:47-2:54P	Americana 2	Late Breaking Research	
2:54-3:01	Americana 2	Abstract Presentation: Holistic clinical endpoints for SCS in a chronic, non-surgical, axial low back pain population: application in the DISTINCT RCT	Timothy Deer, MD
3:01-3:16P	Americana 2	Panel: Complication Management of Interventional and Surgical Procedures	Moderators: Timothy Deer, MD, and Natalie H. Strand, MD Panelists: Helen M. Blake, MD, MBA, Alane B. Costanzo, MD, Matthew T. Ranson, MD, William M. Tiano, Esq., Soriaya Motivala, MD, Matt Rupert, MD, MS, FIPP
3:16-3:30P	Americana 2	Meta analysis of Interventional Treatments for Low Back Pain	Nagy Mekhail, MD, PhD
3:30-3:50P	Americana 2	Panel: Advancing Technology in the Treatment of Vertebral Fractures	Moderators: Alexander Escobar, MD, and Whitney James, MD, MHS Panelists: Gurtej Singh, MD, Harry P. Sukumaran, MD, Douglas P. Beall, MD, Soriaya Motivala, MD, Ali Valimahomed, MD, FAAPMR, Daniel Denis, MD, MSc, FRCSC
3:50-4:20P	Americana 3&4	Break with Exhibits and Abstract Poster Viewing: Sponsored by Silver Sponsor Mainstay Medical <i>Loss of Neuromuscular Control: The Problem No One is Addressing</i> <i>*Not part of the CME program</i>	Jason E. Pope, MD, Dawood Sayed, MD Presenting on behalf of Mainstay Medical at Booth #407
4:20-4:45P	Americana 2	Executive Perspectives on the Field of Interventional Pain, Spine, and Neuroscience <i>*Not part of the CME program</i>	Moderated By: Timothy Deer, MD and Dawood Sayed, MD Panelists: Maulik Nanavaty, D. Keith Grossman, Pedro Malha, Maria Bennet, Jason Hannon, Tyler Binney, Michael Enxing, Bob Compton, Nnamdi Njoku

4:45-5:00P	Americana 2	Product Theater presented by PainTEQ <i>LinQ- Leading the Clinical Evidence Revolution in Sacroiliac Joint Dysfunction</i> <i>*Not part of the CME program</i>	Timothy Deer, MD, Dawood Sayed, MD, Kasra Amirdelfan, MD
5:00-5:15P	Americana 2	Closing Remarks: From Covid Deathbed to Ironman: A Story of Survival <i>*Not part of the CME program</i>	Timothy Deer, MD and Ben O'Donnell
5:30~6:30P	Americana Lawn	ASPAN Annual 5k Walk and Run for Charity <i>Team Competition and Individual Awards for Men and Women's divisions.</i> Race Sponsored by Diamond Sponsor: Basic Home Infusion Race Shirts sponsored by Kelly Castleberry of Morgan Stanley/Graystone <i>*Not part of the CME program</i>	
6:30-7:00P	Americana Lawn	Post-Race Reception Sponsored by Silver Sponsor Nevro Corp <i>*Not part of the CME program</i>	
6:00-7:00P	Cowrie	P2P Program Presentations and Meet and Greet <i>*Not part of the CME program</i>	

Saturday July 16, 2022

Time (EDT)	Location	Topic	Speakers
6:15-7:15A	Americana Lawn	ESSETRICS ® Exercise Class	Alane B. Costanzo, MD
7:15-7:45A	Rotunda	Registration: Must Sign-in to Claim CME Credit	
7:15-8:00A	Poinciana	Continental Breakfast <i>*Not part of the CME program</i>	
Advanced Practice Providers Depart to APP Workshop – See Agenda Below			
Advanced Practice Providers Workshop and Meeting (Breakout) Course Directors: Zohra Hussaini MSN, FNP-BC, MBA, Brittney Misercola, APRN, FNP-C, Casey Grillo, FNP-C and Ashley G. Comer, APRN, NP-C, Jane Hartigan, PA-C			
7:15-8:00A	Cowrie 2	APP Breakfast Symposium Sponsorship	Brittney Misercola, APRN, FNP-C

		<p>Sponsored by APP Course Sponsor - Relievant</p> <p><i>Ablation of the Basivertebral Nerve for Relief of Chronic Vertebrogenic Low Back Pain: The Intrasept® Procedure</i></p> <p><i>*Not part of the CME program</i></p>	
8:00-8:10A	Cowrie 1	Welcome and Introductions	Zohra Hussaini MSN, FNP-BC, MBA
8:10-12:00P	Cowrie 1	Round Table Small Group Discussion Topics Details Below	
Break in Group of 4, rotate every 30 minutes	Cowrie 1	<p>Spine Decompression</p> <ul style="list-style-type: none"> • Spinal fusion • Spinal spacing • Pild 	Jane Hartigan, PA-C, Marie Zambelli, MSN, APRN, FNP-C, Brittney Misercola, APRN, FNP-C
	Cowrie 1	Facetogenic Pain	Tara Draehn, NP
	Cowrie 1	<p>Neuropathic</p> <ul style="list-style-type: none"> • SCS • DRG • PNS 	Casey Grillo, FNP-C, Amitabh Gulati, MD
	Cowrie 1	Intrathecal therapy	Tamara Kratzberg, NP, Amitabh Gulati, MD
10:10-10:30A	Americana 3 and 4	<p>Break with Exhibits Sponsored by Scilex Pharmaceuticals</p> <p><i>*Not part of the CME program</i></p>	
Break into 3 groups, rotate every 30 minutes	Cowrie 1	Vertebrogenic Pain	Brittney Misercola, APRN, FNP-C
	Cowrie 1	Discogenic Pain	Zohra Hussaini MSN, FNP-BC, MBA, Stanley Golovac, MD
	Cowrie 1	Sacroiliac Dysfunction	Ashley G. Comer, APRN, NP-C
12-1:00P	Cowrie 2	<p>APP Luncheon Symposium Sponsorship Sponsored by Bronze Sponsor VIVEX Biologics</p> <p><i>*Not part of the CME program</i></p>	

Neuromodulation and Basic Science

Block 6: Mechanisms in Neuromodulation

8:00A	Americana 2	Welcome	Jason E. Pope, MD, Erika A. Petersen, MD
8:00-8:07A	Americana 2	Abstract Presentation: Long term Outcomes with 10kHz Spinal Cord Stimulation for treating Non-surgical Refractory Back Pain: 18-month Results from Multicenter RCT	Leonardo Kapural, MD, PhD
8:07-8:14A	Americana 2	Abstract Presentation: Optogenetic Dorsal Root Ganglion Neuromodulation in Acute and Chronic Pain Models	Darryl Narcisse, MD
8:14-8:21A	Americana 2	Abstract Presentation: Prospective 6-month Study Outcomes of a Differential Target Multiplex SCS Therapy Derivative	Kasra Amirdelfan, MD
8:21-8:40A	Americana 2	Panel: New Insights into Mechanisms of Action in Spinal Cord Stimulation in the era of new technology	Moderated By: Jason E. Pope, MD, and Mark N. Malinowski, DO, FIPP Panelists: Peter S. Staats, MD, MBA, Marshall Bedder MD FRCPC - Chief of Pain Medicine Augusta VAMC, Kenneth B. Chapman, MD, Maged Guirguis, MD, Tory L. McLunkin, MD, Tammy Dann, DO, MPH
8:40-9:00A	Americana 2	Panel: Optimizing Therapy Adoption and Re-establishing Efficacy; Enhancing Outcomes and Ensuring Durability	Moderated By: Mehul J. Desai, MD, MPH, and Tory L. McLunkin, MD Panelists: Erika A. Petersen, MD, Scott G. Pritzlaff, MD, CIPS, FIPP, Krishnan Chakravarthy, MD, PhD, Marshall Bedder MD FRCPC - Chief of Pain Medicine Augusta VAMC, David W. Lee, MD

Block 7: Neuromodulation of the Spine

Abstract Presenters Introduced by Myrdalis Diaz-Ramirez, MD

9:00-9:07A	Americana 2	Abstract Presentation: European randomized controlled trial to study the effects of differential targeted multiplexed SCS for chronic back pain in patients diagnosed with surgical refractory back pain	Ricardo Vallejo, MD, PhD
9:07-9:14A	Americana 2	Abstract Presentation: A Prospective, Multicenter Evaluation of Novel Fast-Acting Sub-Perception-Based Spinal Cord Stimulation for Chronic Pain: FAST Study	Jennifer Marie Lee, MD

9:14-9:21A	Americana 2	Abstract Presentation: Earlier Intervention Yields Better Results in Spinal Cord Stimulation Salvage Therapy: Prospective 12-Month Follow Up from the Prolong Study	Corey W. Hunter, MD, FIPP
9:21-9:28A	Americana 2	Abstract Presentation: Cooled Radiofrequency Ablation vs. Standard Medical Management for Chronic Sacroiliac Joint Pain: A Multicenter, Randomized Comparative-Effectiveness Study	Steven P. Cohen, MD
9:28-9:35A	Americana 2	Tentative - Late Breaking	
9:35-9:45A	Americana 2	I-ASPAN: Update on progress	Reda M. Tolba, MD Victor Silva, MD, Jesus Medina, MD
9:45-10:10A	Americana 2	Panel: Discussing the Most Impactful SCS Evidence in the last 24 Months	Moderated By: Timothy Deer, MD, and Dawood Sayed, MD Panelists: Michael A. Fishman, MD, MBA, Erika A. Petersen, MD, Robert Levy, MD, PhD, Kiran V. Patel, MD, Louis J. Raso, MD, PA, Jennifer Marie Lee, MD
10:10-10:40A	Americana 3&4	Break with Exhibits and Abstract Poster Viewing Sponsored by Scilex Pharmaceuticals <i>*Not part of the CME program</i>	
Block 8: Young Innovators			
Abstract Presenters Introduced by Sandy Christiansen, and Anthony Giuffrida, MD			
10:40-10:47A	Americana 2	Abstract Presentation: Evidence of durable reduction in pain and sensory symptoms of diabetic neuropathy with 10kHz spinal cord stimulation: 24-month outcomes from an RCT	Erika A. Petersen, MD
10:47-10:54A	Americana 2	Abstract Presentation: Title: Comparison of Calculated Pain Relief From Spinal Cord Stimulator Implantation Based on Number of Prior Lumbar Spine Surgeries: a Retrospective Review.	Nathan DeTemple, BS
10:54-11:01A	Americana 2	Abstract Presentation: The MOTION Study: 2-Year Outcomes	Timothy Deer, MD
11:01-11:21A	Americana 2	Blurring of the Lines with Minimally Invasive Treatments: Collaboration between Interventionists and Surgeons	Moderated by: Timothy Deer, MD, and Dawood Sayed, MD Panel: Jeffrey E. Arle, MD, PhD, FAANS, Erika A. Petersen, MD, Steven M.

			Falowski, MD, Jordan Lee Tate, MD, MPH, Pankaj Mehta, MD, Neel Mehta, MD, James J. Yue, MD
11:21-11:40A	Americana 2	Young Innovators Panel	Moderated By: Shravani Durbhakula, MD, MPH, MBA, and Jay M. Shah, MD, FAAPMR Panelists: Ryan Budwany, MD, Priyanka Ghosh, MD, Christopher M. Lam, MD, Morad Nasser, MD, Vwaire Orhurhu, MD, MPH, Raj G. Patel, MD, Shawn Puri, MD, Nasir Khatri, MD
11:40-12:00P	Americana 2	Panel Discussion: The future of professional education in pain management	Moderated By: Miles Day, MD, and Shravani Durbhakula, MD, MPH, MBA Panelists: Chong Kim, MD, Scott G. Pritzlaff, MD, CIPS, FIPP, Neel Mehta, MD, Ahmed Raslan, MD, Tolga Suvar, MD, Reda M. Tolba, MD, Stephanie Vanterpool, MD, MBA, Michael E. Schatman, PhD
12:00-1:00P	Poinciana 1&2	Luncheon Symposium Sponsored by Platinum Sponsor Abbott ADVANCEMENTS IN NEUROMODULATION AND DIGITAL HEALTH <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	Timothy Deer, MD, David Dickerson, MD, Denis G. Patterson, DO, Jacqueline Weisbein, DO, Steven M. Falowski, MD
12:00-1:00P	Poinciana 3&4	Luncheon Symposium Sponsored by Diamond Sponsor Stimwave <i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i>	
Block 9: Neuromodulation of the Periphery			
Abstract Presenters Introduced by Sean Li, MD, and Jennifer Dais, MD			
1:00-1:07P	Americana 2	Abstract Presentation: Pain Relief in Patients Undergoing a Commercial Spinal Cord Stimulation Trial: Evaluation of In-Clinic Pain Reports Versus Daily At-Home Pain Reports	Leonardo Kapural, MD, PhD
1:07-1:14P	Americana 2	Abstract Presentation: Durability of Relief with Percutaneous Medial Branch PNS	Christopher A. Gilmore, MD
1:14-1:21P	Americana 2	Late Breaking Abstract Presentation	

1:21-1:40P	Americana 2	Panel: Evaluating Short-term vs Long Term treatment for Long term PNS Outcomes: A case-based roundtable	Moderated by: Mehul J. Desai, MD, MPH, and Mark Malinowski, DO Panel: Christopher A. Gilmore, MD, Ramana Naidu, MD, Jennifer Hah, MD, Christopher J. Gilligan, MD, Hesham Elsharkawy, MD, MBA, Yashar Eshraghi, MD, Jennifer Marie Lee, MD
1:40-2:00P	Americana 2	Panel: Peripheral Nerve Stimulation for Lower Back Pain: Targets, Techniques, and Evidence	Moderated By: Krishnan Chakravarthy, MD, PhD, and David Dickerson, MD Panelists: Christopher J. Gilligan, MD, Corey W. Hunter, MD, FIPP, Meredith Langhorst, MD, Scott G. Pritzlaff, MD, CIPS, FIPP, David Reece, DO, Robert D. Heros, MD, David W. Lee, MD
2:00-2:20P	Americana 2	Panel: What are the best targets for Peripheral Nerve Stimulation?	Moderated By: Jordan Lee Tate, MD, MPH, and Paul Lynch, MD Panelists: Robert Levy, MD, PhD, Alexios Carayannopoulos, DO, MPH, DABPMR, Eric G. Cornidez, MD, MBA, Maxim Eckmann, MD, Youssef Josephson, DO, Konstantin Slavin, MD, FAANS

Block 10: Targeted Drug Delivery and Cancer Pain

2:20-2:40P	Americana 2	Panel: Intrathecal Drug Delivery: Strategies to Improve Outcomes and Utilization	Moderators: Salim M. Hayek, MD, PhD, and Stephanie Vanterpool, MD, MBA Panel: Anjum Bux, MD, Jacqueline Weisbein, DO, Hemant Kalia, MD, MPH, Pooja R. Chopra, MD, Jennifer Dais, MD, Michael Danko, MD, Tammy Dann, DO, MPH, Sandy Christiansen, MD
2:40-3:00P	Americana 2	Panel: Neuromodulation in Cancer Pain Management	Moderated by: Hemant Kalia, MD, MPH, and Rudy Malayil, MD Panel: Amitabh Gulati, MD, Mansoor M. Aman, MD, Navdeep S. Jassal, MD, Michael Danko, MD, Miles Day, MD, Ali Nairizi, MD, Ali Valimahomed, MD, FAAPMR

Block 11: Ablative Therapies

Abstract Presenters Introduced by Rany T. Abdallah, MD, PhD, MBA, and Ashley Bailey-Classen, DO

3:00-3:07P	Americana 2	Abstract Presentation: Multiphase Spinal Cord Stimulation Therapy in Patients With Chronic Pain: Efficacy, Safety, and Patient Satisfaction Outcomes From a Randomized Clinical Trial	Sean Li, MD
3:07-3:14P	Americana 2	Abstract Presentation: Intraosseous Basivertebral Nerve Ablation 3-Year Effectiveness and Safety Results: A Pooled Cohort Study of Two Prospective Clinical Trials	Douglas P. Beall, MD
3:14-3:30P	Americana 2	Panel: Ablative Target for Anterior Column Low Back Pain: Vertebral and Intradiscal Targets	Moderated by: Douglas P. Beall, MD, and Dan Bates (BSc.(HONS), B.Med, FACSEP) Panel: Leonardo Kapural, MD, PhD, Anthony Giuffrida, MD, Mehul J. Desai, MD, MPH, Natalie H. Strand, MD, Pankaj Mehta, MD, Kiran V. Patel, MD, Eric T. Lee, MD
3:30-3:50P	Americana 2	Panel: Applying Large Lesion ablation to clinical practice	Moderated by: Maxim Eckmann, MD, and Jason C. Rosenberg, MD Panel: Johnathan Goree, MD, Stanley Golovac, MD, Mayank Gupta, MD, Rany T. Abdallah, MD, PhD, MBA, Kenneth B. Chapman, MD, Pooja R. Chopra, MD, Steven P. Cohen, MD
3:50-4:10P	Americana 3&4	Break with Exhibits and Abstract Poster Viewing <i>*Not part of the CME program</i>	
Block 12: New Therapeutics and Approaches to Pain			
4:10-4:30P	Americana 2	Ketamine, medical marijuana, and low dose naltrexone: New Options for Old drugs	Moderators: Alaa Abd-Elsayed, MD, MPH Panel: Amol Soin, MD, Michael E. Schatman, PhD, Sandy Christiansen, MD, Yeshvant A. Navalgund, MD, Shachi Patel, MD, Mansoor M. Aman, MD
4:30-4:50P	Americana 2	Panel: Future Therapeutics for Pain	Moderators: Preet Patel MD, and Timothy T. Davis, MD Panel: Rick M. Paicius, MD, Kathleen W. Meacham, MD, PhD, Harold Cordner, MD, Yashar Eshraghi, MD, George E. Girardi, MD, Morad Nasseri, MD

4:50-5:00P	Americana 2	Abstract Awards and Closing Remarks	Jason E. Pope, MD, and Kasra Amirdelfan, MD
5:00-6:00P	Preston's Terrace	Cocktail Reception Sponsored by Gold Sponsor Nalu Medical <i>*Not part of the CME program</i>	
6:00-7:30P	Poinciana	<p>Faculty Dinner and Awards Symposium Sponsored by Platinum Sponsor Abbott ASPAN AWARD PRESENTATIONS</p> <p>Welcome - Timothy Deer, MD, Dawood Sayed, MD, Jason Pope, MD and Erika Petersen, MD</p> <p>Brief Discussion of Research Advancements and the Future presented by Abbott Awards</p> <p><i>Lifetime Achievement Award</i> presented by: <i>Timothy R. Deer, MD</i> <i>Recipient: Marshall Bedder MD FRCPC - Chief of Pain Medicine Augusta VAMC</i></p> <p><i>Functional Neurosurgeon of the Year Award</i> presented by: <i>Erika A. Petersen, MD, and Robert Levy, MD, PhD</i> <i>Recipient: Konstantin Slavin, MD</i></p> <p><i>3rd Annual Lisa Stearns Legacy Diversity Award</i> presented by: <i>Johnathan Goree, MD</i> <i>Recipient: Michael Esposito, MD</i></p> <p><i>Clinical Excellence Awards</i> presented by: <i>Dawood Sayed, MD</i> <i>Recipients: Jackie Weisbein, DO and Sean Li, MD</i></p> <p><i>Educator of the Year Awards</i> presented by: <i>Erika A. Petersen, MD</i> <i>Recipients: Scott G. Pritzlaff, MD, CIPS, FIPP, and Shravani Durbhakula, MD, MPH, MBA</i></p> <p><i>Innovation and Patient Safety Award</i> presented by: <i>Jason E. Pope, MD</i> <i>Recipient: Christopher J. Gilligan, MD</i></p> <p><i>Chairman's Armed Forces Service Award</i> presented by: <i>Timothy Deer, MD</i> <i>Recipient: David Reece, DO</i></p> <p><i>Sponsored symposia will NOT be part of the CME program, nor eligible for CME credit</i></p>	By Invitation Only
8:00-9:30P	Americana Lawn	ASPAN Miami HEAT - white tie Charity Reception Sponsored by PainTEQ with DJ Doc <i>*Not part of the CME program</i>	Hosted by: Timothy Deer, MD, Dawood Sayed, MD, Natalie Strand, MD and Jackie Weisbein, DO

			all attendees invited - \$50 donation requested
--	--	--	---

Sunday, July 17, 2022

Time (EDT)	Location	Topic	Speakers
6:30-7:30A	Americana Lawn	ESSETRICS® Exercise Class	Alane B. Costanzo, MD
8:30-9:00A		Registration and Continental Breakfast: Must sign in to obtain CME	

Theme for the Day

Ultrasound, Practice Building and Cannabinoid for Chronic Pain Workshops

9:00A		Welcome Day 3	Timothy Deer, MD
9:00-11:30A	Poinciana	Ultrasound Guidance for Pain	Ali Valimahomed, MD - Chair Amitabh Gulati, MD, Scott G. Pritzlaff, MD, CIPS, FIPP, Jennifer Hah, MD, Victor Silva, MD, Jesus Medina, MD, Mansoor M. Aman, MD
9:00-11:30A	Cowrie 1	Marketing and Growing Your Practice <ul style="list-style-type: none"> ● Session 1: Marketing <ul style="list-style-type: none"> ○ Robust website <ul style="list-style-type: none"> ▪ Videos, articles, blog, SCO ○ Paid ad campaigns and social media ○ Other media <ul style="list-style-type: none"> ▪ TV, print, radio ● Session 2: How to manage referral relationships <ul style="list-style-type: none"> ○ Immediate communication with referral sources (via phone call or text) ○ Develop personal relationships ○ Work to obtain 100 provider cell phone numbers in your first 12 months 	Paul Lynch, MD - Chair Mark Coleman, MD, Myrdalis Diaz-Ramirez, MD, Vincent Galan, MD, MBA, Annu Navani, MD, Ali Nairizi, MD, Shachi Patel, MD, Jason C. Rosenberg, MD, Anil K. Sharma, MD, Dawn A. Sparks, DO

		<ul style="list-style-type: none"> ● Session 3: Leveraging your staff and existing patients <ul style="list-style-type: none"> ○ Align goals and incentives for staff ○ Employee referral contest ○ Refer a friend program ○ Leveraging EMR Data 	
9:00-11:30A	Cowrie 2	<p>Cannabinoids for Chronic Pain and Ketamine</p> <ul style="list-style-type: none"> ● Inhaled whole plant cannabis for treating chronic pain & promoting opioid substitution 	Sue Sisley, MD - Scottsdale Research Institute, Amol Soin, MD, Yeshvant A. Navalgund, MD,
10:00A	Americana 3&4	Exhibitors Please Break Down Exhibits	
11:30A		Sessions Close	

Acknowledgements:

Thank you to the ASPAN Scientific Review Committee:

- Natalie H. Strand, MD
- Christopher M. Lam, MD
- Jonathan M. Hagedorn, MD
- Johnathan Goree, MD
- Morad Nasser, MD
- Alaa Abd-Elseyed, MD, MPH
- David W. Lee, MD
- Karina Gritsenko, MD
- Ashley Bailey-Classen, DO
- Patrick Buchanan, MD

Chairs: Krishnan Chakravarthy, MD, PhD, and Kasra Amirdelfan, MD

ASPAN Annual Planning Committee:

- Timothy Deer, MD
- Dawood Sayed, MD
- Mark N. Malinowski, DO
- Harry P. Sukumaran, MD
- Erika A. Petersen, MD



American Society of Pain and Neuroscience (ASPAN)

Presents PAIN, 2022

Course Directors:

Timothy Deer, MD, Dawood Sayed, MD,

Jason E. Pope, MD, and Erika A. Petersen, MD

Loews Miami Beach Hotel, Miami Beach, Florida | July 14–July 17, 2022

Agenda

- Kasra Amirdelfan, MD