

September 18-20, 2020

Friday, Sept. 18, 2020

Minimally Invasive  
Spine Therapies

Time	Topic	Speakers
8:00-8:10 AM CDT	Opening Remarks from the President and Chairman of ASPAN "The Vision for ASPAN: The 10 Year Strategy to Improve the Field"	Timothy Deer, MD, Dawood Sayed, MD, Michael Schatman, PhD
8:10-8:20 AM CDT	Launch of the ASPAN 2020 Fun Run Challenge and Fund Raiser	Timothy Deer, MD and Dawood Sayed, MD
8:20-8:40 AM CDT	A New Look at Percutaneous Inter-Laminar Lumbar Decompression: A Discussion on Procedural Approach, Patient Selection and Mechanism of Action	Moderator: Krishnan Chakravarthy, MD, PhD Panel: Navdeep Jassal, MD, Alex Escobar, MD, Jackie Weisbein, DO, Jessica Jameson, MD
8:40-9:00 AM CDT	Radiofrequency Ablation of the Facet Joint: Current and Future Evidence, New Approaches and Techniques	Moderator: Natalie Strand, MD Panel: Kenneth Chapman, MD, Jillian Maloney, MD, Mark Malinowski, DO, Sean, Li, MD
9:00-9:20 AM CDT	The SECURE Study: Design of a Multicenter Prospective Clinical Trial on a Posterior Sacroiliac Fusion with Allograft	Panel: Timothy Deer, MD and Dawood Sayed, MD, Ioannis Skaribas, MD
9:20-9:40 AM CDT	Hot Seat: Expert Opinion on Innovation in Minimally Invasive Spine Therapies	Moderators: Timothy Deer, MD and Dawood Sayed, MD Panel: Ioannis Skaribas, MD, Timothy Davis, MD, Richard Paicius, MD, Vincent Galan, MD, John Michels, MD, Iden Cowan, MD, Jessica Jameson, MD
9:40-10:00 AM CDT	Updates on Vertebral Augmentation: Novel Techniques and New Evidence	Moderator: Douglas Beall, MD Panel: Jackie Weisbein, DO, Ralph Justiz, MD, Johnathan Goree, MD, Harry Sukumaran, MD, Shachi Patel, MD, Matt Ranson, MD, Yeshvant Navalgund, MD
10:00-10:10 AM CDT	Commercial Break Brought to you by Medtronic *Not Eligible for CME Credit	
10:10-10:15 AM CDT	Commercial Break Brought to you by Pentec *Not Eligible for CME Credit	
10:15-10:30 AM CDT	Discussion Sponsored by Elliquance Disc-FX: The Least Invasive Tool Set for Decompression/ Discectomy in an Outpatient Setting *Not Eligible for CME Credit	AJ Rastogi, MD
10:30-10:50 AM CDT	The Role of Regenerative Medicine in Low Back Pain: Evidence Based Recommendations and the Science	Moderator: Timothy Davis, MD Panel: Corey Hunter, MD, Douglas Beall, MD, Michael DePalma, MD, Aaron Calodney, MD, Sudhir Diwan, MD, Matt Ranson, MD, Dawn Sparks, DO
10:50-11:10 AM CDT	Novel Interventional Treatments for Shoulder Pain	Moderator: Peter Staats, MD, MBA Panel: Eric Lee, MD, Michael Gofeld, MD, Vinita Singh, MD, Rany Abdallah, MD, PhD, MBA, Jay Shah, MD, Sean Li, MD

Time	Topic	Speakers
11:10-11:30 AM CDT	The Role of Regenerative Medicine in Disorders of the Peripheral Joints: Evidence Based Recommendations and the Science	Moderator: Corey Hunter, MD Panel: Douglas Beall, MD, George Chang-Chien, DO, Timothy Davis, MD, Kasra Amirdelfan, MD
11:30-11:50 AM CDT	Interventional Treatment Options for Headache	Moderator: Samer Narouze, MD, PhD Panel: Alexios Carayannopoulos, MD, Maged Guirguis, MD, Sean Li, MD, Alaa Abd-Elseyed, MD, MPH, Mark Malinowski, DO, Shachi Patel, MD, Helen Blake, MD
11:50-12:10 AM CDT	Interventional Treatment Options for Knee Pain: Injections, RFA, SCS, DRG or PNS	Moderator: Ramo Naidu, MD Panel: Maged Guirguis, MD, Timothy Davis, MD, Jackie Weisbein, DO, Vinita Singh, MD, Michael Verdolin, MD Javid Baksh, DO, Rany Abdallah, MD, PhD, MBA
12:10-1:10 PM CDT	Industry Sponsored Luncheon Symposium Sponsored by Platinum Sponsor, Abbott The TRIUMPH of BurstDR™ SCS Therapy: Sustained Improvements in Mental, Physical and Emotional Functioning *Not Eligible for CME Credit	Timothy Deer, MD, Steven Falowski, MD, Gregory Moore, MD, Robyn Capobianco, PhD
1:10-1:20 PM CDT	Interview Brought to you by Saluda *Not Eligible for CME Credit	
1:20-1:30 PM CDT	Commercial Break Brought to you by Nevro *Not Eligible for CME Credit	
1:30-1:50 PM CDT	Spinal Stenosis Keynote Session: The Evolution of Interventional Pain Specialists Performing Minimally Invasive Spine Surgery: An Open Discussion between Surgeons and Pain Physicians	Moderator: Timothy Deer, MD Panel: Steven Falowski, MD, Jonathan Carlson, MD, Erika Petersen, MD, Robert Levy, MD, PhD, Aaron Calodney, MD, Amy Pearson, MD, Lou Raso, MD
1:50-2:10 PM CDT	Minimally Invasive Interspinous Lumbar Fusion - An Evolving Approach to Spinal Stenosis and Spondylolisthesis	Moderator: Dawood Sayed, MD Panel: Douglas Beall, MD, Lou Raso, MD, Robert Ball, DO, MS, Brian Rich, MD, Chad Stephens, DO
2:10-2:35 PM CDT	Product Theater Sponsored by Relieva *Not Eligible for CME Credit	
2:35-2:40 PM CDT	Commercial Break Brought to you by CornerLoc *Not Eligible for CME Credit	
2:40-3:20 PM CDT	The Evolving Treatment Algorithm for Spinal Stenosis. Updates to the MIST Guidelines	Moderator: Jason Pope, MD Panel: Jackie Weisbein, DO, Ramo Naidu, MD, Jay Grider, DO, PhD, MBA, Michael Verdolin, MD, Corey Hunter, MD, Jessica Jameson, MD, Harry Sukumaran, MD
3:20-3:40 PM CDT	Basivertebral Nerve Ablation for Low Back Pain: Patient Selection, Data and Early Experience	Moderator: Erika Petersen, MD Panel: Michael DePalma, MD, Douglas Beall, MD, Anthony Giuffrida, MD
3:40-4:10 PM CDT	Minimally Invasive Sacroiliac Fusion: A Discussion on Biomechanics, Technique, Patient Selection and Evidence	Moderator: Dawood Sayed, MD Panel: Denis Patterson, DO, Jeff Henn, MD, Nicholas Bremer, MD, Kasra Amirdelfan, MD, Sudhir Diwan, MD, Chris Kim, MD, Jordan Tate, MD, MPH

Time	Topic	Speakers
4:10-4:30 PM CDT	Indirect Lumbar Decompression with Spinous Process Spacers: Expert Consensus on Patient Selection, Safety and Best Practices	Moderator: Jonathan Carlson, MD Panel: Ajay Antony, MD, Nomen Azeem, MD, FAAPMR, Harold Cordner, MD, Pankaj Mehta, MD and Jessica Jameson, MD, Michael Verdolin, MD
4:30-5:00 PM CDT	Avoiding Burnout in Interventional Pain Medicine - Let's go Extreme	Moderators: Bill Tiano, Esq., Kate Meacham, MD, PhD Panel: Natalie Strand, MD, John Michels, MD, Timothy Deer, MD, Jeff Arle, MD, PhD, FAANS, David Daggett, Esq. and Sarah Hartmann
5:00-5:15 PM CDT	Product Theater Sponsored by Medtronic *Not Eligible for CME Credit	
5:15-5:45 PM CDT	Advancing TDD Therapy Beyond COVID-19 A Scientific Session Sponsored by AIS *Not Eligible for CME Credit	Anish S. Patel, MD, MBA, Anjum Bux, MD
5:45-5:52 PM CDT	Commercial Break Brought to you by Vertos *Not Eligible for CME Credit	
5:52-6:05 PM CDT	Fun Run Race Challenge Race Sponsored by Platinum Sponsor, Basic Home Infusion	Timothy Deer, MD and Dawood Sayed, MD
6:05-6:15 PM CDT	Product Theater Brought to you by Vertos *Not Eligible for CME Credit	
6:15-6:28 PM CDT	Interview Sponsored by SPR Therapeutics Early Treatment of Chronic Post-Operative Pain with SPRINT PNS *Not Eligible for CME Credit	Jason Pope, MD, Einar Ottestad, MD
6:30-6:45 PM CDT	Product Theater Brought to you by Nevro *Not Eligible for CME Credit	
6:45-7:15 PM CDT	Fellows and Early Practice Physicians Reception Sponsored by Gold Sponsor, Nevro *Not Eligible for CME Credit	

Saturday, Sept. 19, 2020



Neuromodulation

Time	Topic	Speakers
7:30-7:35 AM CDT	Commercial Break Brought to you by SPR Therapeutics *Not Eligible for CME Credit	
7:35-7:37 AM CDT	Commercial Break Brought to you by AIS *Not Eligible for CME Credit	
7:37-7:39 AM CDT	ASPEN/PSPS Webinar Promotion Commercial *Not Eligible for CME Credit	
7:39-7:45 AM CDT	Commercial Break Brought to you by Abbott *Not Eligible for CME Credit	
7:45-8:05 AM CDT	The Current State of the Evidence in Spinal Cord Stimulation	Moderator: Robert Levy, MD, PhD Panel: Leo Kapural, MD, PhD, Nagy Mekhail, MD, PhD, Ricardo Vallejo, MD, PhD, Jason Pope, MD

Time	Topic	Speakers
8:05-8:25 AM CDT	Treating Axial Back Pain with Neuromodulation	Moderator: Dawood Sayed, MD Panel: Jackie Weisbein, DO, Kasra Amirdelfan, MD, Lou Raso, MD, Jonathan Carlson, MD, Derron Wilson, MD, Javid Baksh, DO
8:25-8:45 AM CDT	Best Practice Techniques to Improve Safety and Efficacy of DRG Stimulation	Moderator: Jason Pope, MD Panel: Michael Esposito, MD, Pankaj Mehta, MD, Ajay Antony, MD, Tim Lubenow, MD, Jackie Weisbein, DO, Yeshvant A. Navalgund, MD, Kenneth Chapman, MD
8:45-9:05 AM CDT	Differential Targeting of Glial Cells in Spinal Cord Stimulation	Moderator: Krishnan Chakravarthy, MD, PhD Panel: Leo Kapural, MD, PhD, PK Grewal, MD, Kate Meacham, MD, PhD, Lance Roy, MD, Youssef Josephson, DO, Michael Fishman, MD, MBA
9:05-9:25 AM CDT	A Discussion on Optimal Waveforms, Frequencies and Targets in Spinal Cord Stimulation	Moderator: Robert Levy, MD, PhD Panel: Marshall Bedder, MD, Maged Guirguis, MD, Kenneth Chapman, MD, Sean Li, MD, Ricardo Vallejo, MD, PhD, Natalie Strand, MD, Michael Verdolin, MD
9:25-9:45 AM CDT	Mechanisms of Action in Spinal Cord Stimulation	Moderator: Krishnan Chakravarthy, MD, PhD Panel: Richard Paicius, MD, Kate Meacham, MD, PhD, Yashar Eshragi, MD, Erika Petersen, MD, Giancarlo Barolat, MD
9:45-10:05 AM CDT	Optimization of Pain Relief Utilizing Closed Loop Spinal Cord Stimulation	Moderator: Corey Hunter, MD Panel: Denis Patterson, DO, Nagy Mekhail, MD, PhD, Steven Falowski, MD, Sean Li, MD, Jonathan Carlson, MD, Jason Pope, MD
10:05-10:20 AM CDT	Commercial Break Brought to you by Flowonix *Not Eligible for CME Credit	
10:20-10:23 AM CDT	Commercial Break Brought to you by Relievant *Not Eligible for CME Credit	
10:23-10:25 AM CDT	Commercial Break Brought to you by Vivex *Not Eligible for CME Credit	
10:25-10:30 AM CDT	Commercial Break Brought to you by Stratus Medical *Not Eligible for CME Credit	
10:30-10:35 AM CDT	Commercial Break Brought to you by PainTEQ *Not Eligible for CME Credit	
10:35-10:55 AM CDT	Burst Spinal Cord Stimulation for the Treatment of Chronic Pain	Moderator: Timothy Deer, MD Panel: Derron Wilson, MD, Pankaj Mehta, MD, Dawn Sparks, DO, Shachi Patel, MD, George Girardi, MD
10:55-11:15 AM CDT	Advancements in 10kHz Stimulation: New Strategies and Indications	Moderator: Kasra Amirdelfan, MD Panel: Erika Petersen, MD, Vincent Galan, MD, Jordan Tate, MD, MPH, Tim Lubenow, MD, Neel Mehta, MD
11:15-11:30 PM CDT	Stimulation of the Medial Branch Nerve for Restoration of the Multifidus Muscle	Moderator: Krishnan Chakravarthy, MD, PhD Panel: Denis Patterson, DO, Chris Gilligan, MD, Dawn Sparks, DO, Alexios Carayannopoulos, MD, Corey Hunter, MD

Time	Topic	Speakers
11:30-11:45 AM CDT	Establishing Best Practice, Ideal Targets and Algorithms in Peripheral Nerve Stimulation	Moderator: Konstantin Slavin, MD Panel: Eric Lee, MD, Iden Cowan, MD, Peter Staats, MD, MBA, Rany Abdallah, MD, PhD, MBA Michael Gofeld, MD, Ramo Naidu, MD, Jennifer Hah, MD
11:45-12:00 PM CDT	The Miniaturization of Internal Pulse Generators and External Power Sources: Implications for the Advancement of Peripheral Nerve Stimulation	Moderator: Ramo Naidu, MD Panel: Sean Li, MD, Mark Malinowski, DO, Nicholas Bremer, MD, Jennifer Hah, MD
12:00-12:45 PM CDT	Lunchtime Webinar Sponsored by Epimed Cryoneuroablation - Indications, Techniques, Outcomes *Not Eligible for CME Credit	Andrea Trescot, MD
12:45-1:00 PM CDT	Live Interview Brought to you by Flowonix *Not Eligible for CME Credit	Moderators: Timothy Deer, MD, Dawood Sayed, MD Panel: Sameer Jain, MD, Navdeep Jassal, MD
1:00-1:20 PM CDT	Legends of Neuromodulation	Moderator: Timothy Deer, MD, Dawood Sayed, MD Panel: Nagy Mekhail, MD, PhD, Marshall Bedder, MD, Giancarlo Barolat, MD, Peter Staats, MD, MBA, Robert Levy, MD, PhD, Julie Pilitsis, MD, PhD
1:20-1:40 PM CDT	Bringing Innovation to Market: The Relationship between Physician Innovators, Venture Capitalists and Industry	Moderators: Dawood Sayed, MD, Timothy Deer, MD Panel: Justin Klein, MD, JD, Ricardo Vallejo, MD, PhD, Krishnan Chakravarthy, MD, PhD, Amol Sooin, MD, Salma Jutt, MBA, David L. Caraway, MD, PhD
1:40-1:55 PM CDT	Clinical Opinions on Controversial Topics in Pain Medicine and Neuroscience: ASPN Young Guns Session 1	Moderator: Ajay Antony, MD Panel: Alex Escobar, MD, Jonathan Hagedorn, MD, Shravani Durbhakula, MD, Shachi Patel, MD
1:55-2:10 PM CDT	Clinical Opinions on Controversial Topics in Pain Medicine and Neuroscience: ASPN Young Guns Session 2	Moderator: Kate Meacham, MD, PhD Panel: Pooja Chopra, MD, David Dickerson, MD, Jay Shah, MD, Navdeep Jassal, MD
2:10-2:30 PM CDT	Top 3 Abstract Presentations  Winner- Inter-ictal assay of circulating peripheral neuroinflammatory mediators in migraine patients treated with non-invasive cervical vagus nerve stimulation Authors- Ilana S. Lendvai, MD1, Thomas M. Kinfe, MD, PhD2  2nd -Interim Results from a Randomized, Double-Blind, Controlled Trial Examining Use of Transcutaneous Auricular Neurostimulation (tAN) to Improve Symptoms Associated with Opioid Withdrawal- Presenters - Carlos Tirado, MD, MPH, Stephanie Washburn, PhD, Caroline Hedenberg, LCSW, Alejandro Covalin, PhD, Navid Khodaparast, PhD  3rd-- Randomized Controlled Clinical Trial to Study the Effects of DTM-SCS in Treating Intractable Chronic Low Back and Leg Pain. Presenters- Ricardo Vallejo MD, David Cedeno , PhD	Moderators: Miles Day, MD, Jonathan Hagedorn, MD

Time	Topic	Speakers
2:30-2:50 PM CDT	Boston Scientific Pain Solutions and Level 1 Evidence Backed by Real World Studies	Introduction: Timothy Deer, MD, Dawood Sayed, MD Faculty: Sayed Wahezi, MD, Ajay Antony, MD
2:50-3:10 PM CDT	Responsible Opioid Prescribing in the Midst of an Epidemic: What Role do National Guidelines Play?	Moderators: Vanila Singh, MD, Harold Cordner, MD Panel: Sunny Jha, MD, Kevin Cairns, MD, MPH, Amy Pearson, MD
3:10-3:30 PM CDT	New Dosing Strategies in Targeted Drug Delivery	Moderator: Jason Pope, MD Panel: Nick Bremer, MD, Hemant Kalia, MD, MPH, Anjum Bux, MD, Jackie Weisbein, DO, Salim Hayek, MD
3:30-3:50 PM CDT	Patient Selection and Trialing Methods for Targeted Drug Delivery	Moderator: Anjum Bux, MD Panel: Alaa Abd-Elseyed, MD, MPH, Miles Day, MD, Yeshvant A. Navalgund, MD, Amit Gulati, MD, Vinay Puttanniah, MD
3:50-4:10 PM CDT	Advancing Education in Neuromodulation	Moderator: Shravani Durbhakula, MD Panel: Neel Mehta, MD, Natalie Strand, MD, Miles Day, MD, Amit Gulati, MD
4:10-4:30 PM CDT	Increasing Diversity in Medicine	Moderator: Jackie Weisbein, DO Panel: Johnathan Goree, MD, Kate Meacham, MD, PhD, Shravani Durbhakula, MD, Erika Petersen, MD, Natalie Strand, MD
4:30-4:50 PM CDT	Empowering Real World Data Acquisition for Indication Expansion	Moderator: Krishnan Chakravarthy, MD, PhD Panel: Jason Pope, MD, Nandan Lad, MD, PhD
4:50-5:30 PM CDT	<p style="text-align: center;">Awards and Recognition</p> <p style="text-align: center;">Lifetime Achievement Award Winners: Presented by: Timothy Deer, MD and Dawood Sayed, MD Winners: Nagy Mekhail, MD, PhD, Sudhir Diwan, MD</p> <p style="text-align: center;">Functional Neurosurgery of the Decade Award Presented by: Timothy Deer, MD and Dawood Sayed, MD Winner: Robert Levy, MD, PhD</p> <p style="text-align: center;">1st Annual Lisa Stearns Legacy Diversity Award: Presented by: Timothy Deer, MD, Dawood Sayed, MD and Jackie Weisbein, DO Winner: Natalie Strand, MD</p> <p style="text-align: center;">Clinical Excellence Award Winners: Presented by: Erika Petersen, MD and Jonathan Carlson, MD Winners: Pankaj Mehta, MD and Jessica Jameson, MD</p> <p style="text-align: center;">Pain Educator of the Year Award Winners: Presented by: Dawood Sayed, MD Winners: Miles Day, MD and Neel Mehta, MD</p>	
5:30-6:15 PM CDT	Fellows and Residents Job Search Success- Working Strategies for Pain Fellows Sponsored by Medtronic	Dawood Sayed, MD, Leia Rispoli, MD, Michael Hanes, MD



Topic	Speakers
Discussion #1: Symbiotic Relationships Between Physician and APP in Interventional Pain Practice	Moderator: Zohra Hussaini, MSN, FNP-BC, MBA Panel: Brittney Misercola, MSN, APRN, FNP-C, CFRN, Pankaj Mehta, MD, Casey Grillo, NP, Latrice Akuamoah, MD, Kyla Anderson, NP and Anjum Bux, MD
Interview Session Brought to you by SPR Therapeutics *Not Eligible for CME Credit	Timothy Deer, MD, Ashley Comer, APRN, P-C, Pankaj Mehta, MD, Brittney Misercola, MSN, APRN, FNP-C, CFRN
Discussion #2: Strategies to Selecting the Right Patient for the Right Therapy	Moderator: Zohra Hussaini, MSN, FNP-BC, MBA Panel: Brittney Misercola, MSN, APRN, FNP-C, CFRN, Casey Grillo, NP, Kyla Anderson, NP, Ashley Comer, APRN, P-C



Time	Topic	Speakers
8:00-8:30 AM CDT	Update on COVID-19 Taskforce	Moderator: Ramo Naidu, MD Panel: Krishnan Chakravarthy, MD, PhD, Natalie Strand, MD, Eric Lee, MD
8:30-9:00 AM CDT	Alternative Pain Therapy Modalities	Moderator: Richard Paicius, MD Panel: Fadel Zeidan, PhD, Peter Staats, MD, MBA, Mark Wallace, MD
9:00-9:30 AM CDT	Psychology of Pain	Moderator: Maya D'Eon, PhD Panel: Kartik Ananth, MD, MBA, Thomas Rutledge, PhD
9:30-10:00 AM CDT	Novel Advances in Pain Pharmacology	Moderator: Krishnan Chakravarthy, MD, PhD Panel: N. Nick Knezevic, MD, PhD, Ricardo Vallejo, MD, PhD, Mark Wallace, MD
10:00-10:30 AM CDT	Basic Science Advances	Moderator: Krishnan Chakravarthy, MD, PhD Panel: Kate Meacham, MD, PhD, Jeff Arle, MD, PhD, FAANS, Prasad Shrivalkar, MD, PhD
10:30-11:00 AM CDT	Cancer Pain	Moderator: John Hatheway, MD Panel: Amit Gulati, MD, Hemant Kalia, MD
11:00-11:30 AM CDT	Social and Digital Media in Pain	Moderators: Chad Stephens, DO Panel: Natalie Strand, MD, Alex Escobar, MD, Vishal Varshney, MD, Keith Schmidt, MD
11:30-12:00 PM CDT	Clinical Trial Design/MRI Guidelines	Moderator: Erika Petersen, MD Panel: Yashar Eshragi, MD, Rany Abdallah, MD
12:00-12:15 PM CDT	Product Theater Brought to you by Nevro *Not Eligible for CME Credit	
12:15-12:20 PM CDT	Commercial Break Brought to you by Abbott *Not Eligible for CME Credit	
12:20-1:30 PM CDT	Abstract Presentations	

Planning Committee

Krishnan Chakravarthy, MD, PhD  
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Kate Meacham, MD, PhD