

PAIN, 2019 presented by
The American Society of Pain and Neurosciences (ASPN) and WVSIPP
“Innovations and Treatment for Spine and Nerve Pain”

Location: Loews Miami Beach, Florida
July 26–July 28, 2019

Course Directors:

Timothy Deer, MD: Scientific Program and Content Director

Dawood Sayed, MD: Co-Chair

Jeffrey Peterson, COO: Business Course Director

Thursday, July 25, 2019

Time	Location	Topic	Speakers
2:00- 6:00P	Americana Salon 4	Exhibitor Set up	
4:00 – 6:00P	Rotunda	Early Check-in at Registration	
7:00 – 9:00P	TBD	Working Executive Board Meeting and Dinner	

Friday, July 26, 2019

Time	Location	Topic	Speakers
7:00 – 8:00A	Rotunda	Registration Open	
7:00 – 7:30AM	Americana Salon 4	Coffee with Exhibits and Registration Hold for Bronze Sponsor	
7:30 – 8:00 AM	Americana Salon 3	Breaking Research: Prospective Randomized SCS Study	Nagy Mekhail, MD, PhD
	Americana Salon 3	New Innovations	
8:00 – 8:20A	Americana Salon 3	The Treatment of Discogenic Pain with Basivertebral Nerve Ablation	Moderator: Dawood Sayed, MD, Panel: Maynak Gupta, MD, Pankaj Mehta, MD, Sudhir Diwan, MD, Ken Alo, MD
8:20-8:40A	Americana Salon 3	Novel Indications for High Frequency Stimulation	Moderator: Kasra Amirdelfan, MD Panel: Sean Li, MD, Maged Guirguis, MD, Maynak Gupta, MD, Erika Petersen, MD, Corey Hunter, MD, Tory McJunkin, MD
8:40-9:00A	Americana Salon 3	Neuromodulation with Closed Loop Stimulation: The Next Big Breakthrough?	Moderator: Timothy Deer, MD

			Panel: Ricardo Vallejo, MD, Steven Falowski, MD, Kasra Amirdelfan, MD, Robert Levy, MD, PhD
9:00-9:20A	Americana Salon 3	Moving Beyond Corticosteroids for Epidural Injections: The emerging role of novel drugs for the treatment of radicular pain	Moderator: Ramsin Benyamin, MD Panel: B. Todd Sitzman, MD, Kenneth Candido, MD, Kenneth Chapman, MD, Timothy Davis, MD, Chong Kim, MD
9:20-9:40A	Americana Salon 3	Novel Techniques in Vertebral Augmentation: Spine Jack, Vertebral Body Stenting, Balloon Kyphoplasty, Osteotome	Moderator: Douglas Beall, MD Panel: Timothy Davis, MD, Tory McJunkin, MD, Dawood Sayed, MD, Yeshvant Navalgund, MD
9:40-10:10A	Americana Salon 4	Coffee Break with Exhibits Poster Viewing Hold for Bronze Sponsor	
10:10-10:30A	Americana Salon 3	The Role of Pain Biomarkers, moving beyond subjective pain scores	Moderator: Krishanan Chakavarthy, MD Panel: Kasra Amirdelfan, MD, Richard Paicius, MD, Javid Baksh, DO, Michael Fishman, MD
10:30-10:50A	Americana Salon 3	New Advances in Radiofrequency Ablation for Chronic Pain	Moderator: Aaron Calodney, MD Panel: Sudhir Diwan, MD, Rudy Malayil, MD, Ali Narizi, MD, Kenneth Chapman, MD, Eric Lee, MD
10:50-11:10A	Americana Salon 3	DRG Stimulation: Lessons Learned, Advancing the Therapy and Expanding Indications	Moderator: Timothy Deer, MD Panel: George Giardi, MD, Rudy Mayalil, MD, Michael Esposito, MD, Mark Malinowski, DO, Corey Hunter, MD, Jason Pope, MD, Timothy Lubenow, MD
	Americana Salon 3	Establishing Protocols	
11:10 – 11:30A	Americana Salon 3	Reducing Complications in Implanted Devices	Moderator: Kenneth Chapman, MD Panel: Vincent Galan, MD, Mark Malinowski, DO, Erika Petersen, MD, Aaron Calodney, MD
11:30-11:50A	Americana Salon 3	MRI Safety in Implantable Devices	Moderator: Robert Levy, MD, PhD Panel: Kasra Amirdelfan, MD, Kate Meacham, MD, PhD, John Michels, MD, Harold Cordner, MD, Dawood Sayed, MD
11:50-12:10P	Americana Salon 3	The Role of Medical Marijuana and CBD in Chronic Pain	Moderator: Orlando Florete, MD, Panel: George Giardi, MD, Rudy Mayalil, MD, Gladstone McDowell, MD
12:10-12:30P	Americana Salon 3	An Algorithm for Spinal Stenosis and Minimally Invasive Treatments including: Spacers, minimally invasive decompression and injections	Moderator: Dawood Sayed, MD Panel: Jay Grider, MD, Jonathan Carlson, MD, Ramsin Benyamin,

			MD, Sean Li, MD, John Michels, MD, Steven Falowski, MD, Sudhir Diwan, MD, George Giardi, MD, Michael Esposito, MD
12:30 – 1:30P	Poinciana Ballroom	Industry Sponsored Luncheon Symposium – Sponsored by Gold Sponsor - Nevro *No CME credit hours available for this session	
	Americana Salon 3	Neuromodulation: The Spine	
1:30 – 1:50P	Americana Salon 3	Treatment of the Virgin Back with Neuromodulation	Moderator: Steven Falowski, MD Panel: Erika Petersen, MD, Deron Wilson, MD, Denis Paterson, MD, Giancarlo Barolat, MD, Louis Raso, MD, Sean Li, MD, Chris Gilligan, MD
1:50 – 2:10P	Americana Salon 3	Salvaging failed SCS Systems with new Waveforms, Targets and Frequencies	Moderator: Robert Levy, MD, PhD Panel: Eric Lee, MD, Rudy Mayalil, MD, Michael Esposito, MD, Dawood Sayed, MD, Timothy Deer, MD
2:10 – 2:30P	Americana Salon 3	Spinal Cord Stimulation Optimization: Lead placement and Dosing. Improving Efficacy and Battery Efficiency	Moderator: Jonathan Carlson, MD Panel: Jason Pope, MD, Corey Hunter, MD, Timothy Deer, MD, Krishnan Chakravarthy, MD, Dirk De Ridder, MD, PhD
2:30-2:50P	Americana Salon 3	Stimulation of the Multifidus Muscle, a New Target in the Treatment of Low Back Pain	Moderator: Dawood Sayed, MD Panel: Neel Mehta, MD, Chris Gillmore, MD
	Americana Salon 3	Neuromodulation: The Body	
2:50-3:10P	Americana Salon 3	Peripheral Nerve Stimulation: Where does it fit in the pain treatment algorithm?	Moderator: Konstantin Slavin, MD Panel: Amit Gulati, MD, Ramo Naidu, MD, Maged Guirguis, MD, Michael Gofeld, MD, Dawood Sayed, MD
3:10-3:30P	Americana Salon 3	Interventional Therapies for Abdominal and Pelvic Pain	Moderator: Mayank Gupta, MD Panel: Corey Hunter, MD, Eric Lee, MD, Harry Sukumaran, MD, Michael Fishman, MD
3:30 – 4:00P	Americana Salon 4	Break with Exhibits and Poster Viewing Hold for Bronze Sponsor	
4:00 – 4:30P	Americana Salon 3	ASPN Keynote presentation: Bringing new Therapies to market: The role of physician innovators, industry and venture capital	Moderator: Timothy Deer, MD Physician Innovators: Ricardo Vallejo, MD, Peter Staats, MD, Dawood Sayed, MD Venture Capital: Mir Imran, Justin Klein, MD, JD, Juan Pablo Mas

4:30-5:00P	Americana Salon 3	ASPN Open Discussion: Navigating Pain Societies – what do they offer? What is needed?	Moderator: Dawood Sayed, MD Panel: B. Todd Sitzman, MD, Sudhir Diwan, MD, Harold Cordner, MD, Jason Pope, MD, Maged Guirguis, MD, Richard Rosenquist, MD
5:30-6:30P	Americana Lawn	5k Fun Run and Reception for all Attendees Benefiting IronAid Foundation	
6:00-7:30P	Americana Lawn	Fun Run Reception Sponsored by Platinum Sponsor Basic Home Infusion	
8:00P	Poinciana Ballroom	ASPN Board of Directors Meeting and Dinner Hold for Medtronic	By Invitation Only

Saturday, July 27, 2018

Time	Location	Topic	Speakers
7:00A	Rotunda	Registration Open	
7:00 – 8:00A	Poinciana Ballroom	Industry Sponsored Breakfast Sponsored by Silver Sponsor: Cornerloc	
	Americana Salon 3	Complicated Cases in Interventional Pain Practice	
8:00 – 8:20A	Americana Salon 3	Complicated Cases in Spinal Stenosis	Moderator: Dawood Sayed, MD Panel: Sean Li, MD, Pankaj Mehta, MD, Timothy Lubenow, MD, Steven Falowski, MD, Kenneth Chapman, MD, Sudhir Diwan, MD, Nomen Azeem, MD
8:20 – 8:40A	Americana Salon 3	Complicated Head and Neck Pain Interventional Options	Moderator: Miles Day, MD Panel: Kenneth Candido, MD, Kasra Amirdelfan, MD, Alaa Abd-Elseyed, MD
8:40 - 9:00A	Americana Salon 3	The Complicated Spine; Surgery, Other Interventions or Neuro-modulation	Moderator: Konstantin Slavin, MD Panel: Erika Petersen, MD, Giancarlo Barolat, MD and Robert Levy, MD, PhD, James Harmon, MD, Chris Kim, MD
9:00 – 9:20A	Americana Salon 3	Centers of Excellence in Pain Medicine	Moderator: Richard Rosenquist, MD Panel: Ramo Naidu, MD, Chris Gilligan, MD, Robert Levy, MD, PhD and Hemant Kalia, MD

	Americana Salon 3	Intrathecal Drug Delivery	
9:20 – 9:40A	Americana Salon 3	Exploring Novel Dosing of Intrathecal Therapy: Microdosing, Intermittent Bolus and Flex Dosing	Moderator: Jay Grider, MD Panel: Salim Hayek, MD, Anjum Bux, MD, Gladstone McDowell, MD, Ali Narizi, MD, Jason Pope, MD
9:40 – 10:00A	Americana Salon 3	The Present and Future of Intrathecal Drug Delivery Systems	Moderator: Anjum Bux, MD Panel: Timothy Deer, MD, Gladstone McDowell, MD, Dawood Sayed, MD, Javid Baksh, DO
10:00-10:20A	Americana Salon 3	Advanced Interventional Options for Cancer Pain: Intrathecal Therapy, Spinal Ablation and Neurolysis	Moderator: Amit Gulati, MD Panel: Neel Mehta, MD, Dawood Sayed, Ramsin Benjamin, MD, Konstantin Slavin, MD, Vinay Puttanniah, MD
10:20 – 10:50AM	Americana Salon 4	Break with Exhibits and Poster Viewing Hold for Bronze Sponsor	
	Americana Salon 3	Fact or Fiction Debates	
10:50-11:10A	Americana Salon 3	Regenerative Medicine Debates: Neuralaxial Injections with PRP Intradiscal Stem Cell Therapy Intra-articular Stem Cell Therapy	Moderator: Corey Hunter, MD Aaron Calodney, MD vs. George Chang-Chien, DO Timothy Davis, MD vs. Douglas Beall, MD Mike Depalma, MD vs. Jay Grider, DO Sudhir Diwan, MD vs. Orlando Florete, MD
11:10-11:30A	Americana Salon 3	Spinal Cord Stimulation Debates: Anatomical vs. Parathesia Mapping Awake vs. Asleep Placement, Neuromonitoring and Waveform Antibiotics	Moderator: Timothy Deer, MD Panel: Denis Paterson, MD, Jay Grider, MD, Neel Mehta, MD, Louis Raso, MD, Kasra Amirdelfan, MD, Ioannis Skaribas, MD
11:30-11:50A	Americana Salon 3	Opioid Dosing Guidelines for Chronic Pain: Useful or a Hindrance?	Moderator: Stanley Golovac, MD Panel: Ramo Naidu, MD, Maged Guirguis, MD, Jonathan Carlson, MD, Chong Kim, MD, Nicholas Bremer, MD, Johnathan Goree, MD, Michael Fishman, MD, Alaa Abd-Elseyed, MD

11:50-12:10P	Americana Salon 3	Medical Marijuana for Chronic Pain	Moderator: Jason Pope, MD Panel: Orlando Florete, MD, George Giardi, MD, Yeshvant Navalgund, MD and Eric Lee, MD
12:10 – 1:10P	Poinciana	Industry Sponsored Luncheon Symposium – Hold for Gold Sponsor Boston Scientific *No CME credit hours available for this session	
1:10 – 2:00P	Americana Salon 3	Award Winning Poster Presentations Top 3 abstracts	Moderator: Nicholas Bremer, MD
	Americana Salon 3	Conflicting Evidence	
2:00-2:20P	Americana Salon 3	Efficacy: Vertebral Augmentation for Compression Fracture	Moderator: Stanley Golovac, MD Panel: Matt Ranson, MD, Douglas Beall, MD, Harold Cordner, MD, Louis Raso, MD, Ramsin Benyamin, MD
2:20-2:40P	Americana Salon 3	Interventional Treatment Options for Neuropathic Joint pain; DRG, RFA or PNS?	Moderator: Dawood Sayed, MD Panel: George Giardi, MD, Corey Hunter, MD, Maged Guirguis, MD, Timothy Davis, MD and Ajay Antony, MD
2:40-3:00P	Americana Salon 3	The Treatment of SI Joint Pathology: Injections, Fusion, RFA or Neuromodulation	Moderator: Steven Falowski, MD Panel: Jonathan Carlson, MD, Timothy Davis, MD, Corey Hunter, MD, Sudhir Diwan, MD, Alexios Carayannopoulos, MD
3:00 – 3:30P	Americana Salon 4	Break with Break with Exhibits and Poster Viewing Hold for Bronze Sponsor	
3:30 – 3:50P	Americana Salon 3	Young Guns/Young Innovators Panel	Panel: Pooja Chopra, MD, Navdeep Jassal, MD, Alex Escobar, MD, Jay Shah, MD, Michael Esposito, MD and Ajay Antony, MD, Shachi Patel, MD, Nomen Azeem, MD, Ali Valimahomed, MD, Jaspreet Singh, MD, Jack Diep, MD
3:50 – 4:10P	Americana Salon 3	Diversity Panel	Moderator: Erika Petersen, MD Panel: Kate Meacham, MD, PhD, Krishnan Chravarthy, MD, Prasad Shirvalkar, MD, PhD, Shachi Patel, MD, Johnathan Goree, MD, Natalie Strand, MD

4:10 – 4:30P	Americana Salon 3	My Most Difficult Case	Moderator: Sudhir Diwan, MD Panel: Ioannis Skaribas, MD, Yesh Navalgund, MD, Miguel Attias, MD, Rick Paicius, MD
	Americana Salon 3	Breaking Research	
4:30-5:00P	Americana Salon 3		
5:00 – 6:00PM	Poinciana	Cocktail Reception Sponsored by Silver Sponsor: Vertiflex	By Invitation only
6:15 – 8:45 PM	Poinciana	Faculty Dinner Honoring Award Winners Sponsored by Platinum Sponsor: Abbott Special presentation by: Dirk De Ridder, MD, PhD Clinical Excellence Award: Business Innovation Award Winners: WV Pain Physician of the Year: Lifetime Achievement Award winners: <i>*No CME credit hours available for this session</i>	By Invitation only

Saturday, July 27, 2018

Advanced Practice Breakout

Time	Location	Topic	Speakers
3:30-5:00PM	Poinciana	Registration Open	

Sunday, July 28, 2019

Time	Location	Topic	Speakers
7:30 – 8:00AM	Rotunda	Registration and Continental Breakfast	
8:00 – 8:30AM	Poinciana 1	The Use of Ultrasound in Pain Medicine	Michael Gofeld, MD, Amit Gulati, MD and George Chang-Chien, DO, Ali Valimahomed, MD

8:30 – 9:00AM	Poinciana 1	Advancements in the Management of Headaches	
9:00 – 9:30A	Rotunda	Coffee Break Hold for Bronze Sponsor	
9:30 – 12:00PM	Poinciana 2 & 3	Ultrasound Course – in partnership with WAPMU	

HIRED MD, presented by ASPN

9:30 – 12:00PM	Poinciana 1	HIRED MD, Presented by ASPN	
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ACCREDITATION:



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In support of improving patient care, this activity has been planned and implemented by Dannemiller and ASPN PAIN, 2019. Dannemiller is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Physicians

Dannemiller designates this live activity for a maximum of _____ *AMA PRA Category 1 Credit(s)*TM. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Registered Nurses

Dannemiller designates this educational activity for _____ **CEU** contact hours.

Nurse Practitioners

This activity has been planned and implemented in accordance with the accreditation Standards of the American Association of Nurse Practitioners (AANP) through the joint providership of Dannemiller and ASPN PAIN, 2019. Dannemiller is accredited by the American Association of Nurse Practitioners as an approved provider of nurse practitioner continuing education. Provider number: 090419. This program is accredited for _____ **AANP** contact hour(s) which includes _____ **AANP** hours of pharmacology.



Planning Committee

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Stanley Golovac, MD
Harold Cordner, MD

Jeffrey Peterson, COO
Erika Petersen, MD

Rick Pacius, MD
Dawood Sayed, MD

Invited Faculty

Alaa Abd-Elseyed, MD
Kenneth Aló, MD
Kasra Amirdelfan, MD
Ajay Antony, MD
Miguel Attias, MD
Nomen Azeem, MD
Javid Baksh, DO
Giancarlo Barolat, MD
Douglas Beall, MD

Ramsin Benyamin, MD
Nicholas Bremer, MD
Anjum Bux, MD
Aaron Calodney, MD
Kenneth D. Candido, MD
Alexios Carayannopoulos, MD
Jonathan Carlson, MD
Krishanan Chakavarthy, MD
George C. Chang Chien, DO

Kenneth Chapman, MD
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Jack Diep, MD

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Alex Escobar, MD
Michael Esposito, MD
Steven Falowski, MD
Michael Fishman, MD
Orlando Florete, MD
Vincent Galan, MD, MBA
Christopher Gilligan, MD
Christopher Gillmore, MD
George Girardi, MD
Stanley Golovac, MD
Johnathan Goree, MD
Jay S. Grider, DO, PhD, MBA
Maged Guirguis, MD
Maynak Gupta, MD
James Harmon, MD
Salim Hayek, MD
Corey Hunter, MD
Mir Imran
Navdeep Jassal, MD
Hemant Kalia, MD
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Chris Kim, MD
Justin Klein, MD, JD
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Shachi Patel, MD
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Harry Sukumaran, MD
Ali Valimahomed, MD
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Michael Gofeld, MD –
Ultrasound Co-Chair
Amit Gulati, MD –
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Advanced Practice

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Ashley Comer
Brittney Misercola