

12th Annual New York & New Jersey Pain Medicine Congress

Evolving Advanced Pain Therapies
November 2-5, 2023 • The Hyatt Regency Jersey City, New Jersey



Endorsed by



PROGRAM BOOK

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TABLE OF CONTENT

Welcome Notes	3
Committee & Organizers.....	5
General information	6
Meet the Faculty	10
Fellows / Residents Pre-Congress Course	12
APP Pre-Congress Course	14
Congress Program	16
Workshop Programs.....	24
Companies	26
Floorplan	38

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12th Annual New York & New Jersey Pain Medicine Congress

Dear Colleagues,

On behalf of the Founder and Chairman, Sudhir Diwan, MD, and Vice Chairs Scott Woska, MD, Christopher Gharibo, MD, and Course Directors Steve Aydin, DO, Karina Gritsenko, MD, Andrew Kaufman, MD, Kristen Klein, AGNP-C and the New York and New Jersey Societies of Interventional Pain Physicians (NYSIPP & NJSIPP), we would like to invite you to join us at the New York and New Jersey Pain Medicine Congress 2023: Evolving Advanced Pain Therapies. This year's meeting is held November 2-5, 2023, at the Hyatt Regency Jersey City, New Jersey.

The NYSIPP & NJSIPP Pain Medicine Congress was established in 2011 with the primary objectives of educating health care professionals to promote the development of safe, high quality, and cost effective practice of interventional pain management techniques for the diagnosis and treatment of pain and related disorders, and to insure patient access to these interventions.

Our scientific program will provide cutting edge information on advanced state-of-the-art pain management techniques, advanced regenerative medicine therapies, advanced neuromodulation therapies and beyond, vertebral augmentation, discography and intradiscal procedures, radiofrequency, peripheral nerve stimulation, intrathecal therapy, minimally invasive sacroiliac fusion and for lumbar spinal stenosis. This course will offer a half day hands on cadaver and ultrasound course, incorporating didactic lectures with the hands-on practice for improved technique and patient outcomes for interventional procedures presented by nationally and internationally renowned experts. Additionally, we have focused pre-congress courses for residents and fellows, and for nurse practitioners and physician assistants.

Industry Partners and technical exhibits are an important part of our meeting's success and benefit both the attendees and the companies who choose to participate. We anticipate in excess of 700 clinical providers specializing in pain management, interventional pain management and neurosurgery to attend, including physicians, mid-level practitioners, fellows, residents, nurses and pharmacists.

*We look forward to seeing you at the
12th Annual New York & New Jersey
Pain Medicine Congress*



Sudhir Diwan, MD
CEO, NYSIPP,
Chairman



Scott Woska, MD
Vice Chair



Christopher Gharibo, MD
Vice Chair



Steve Aydin, DO
Course Director



Karina Gritsenko, MD
Course Director



Andrew Kaufman, MD
Course Director



Kirsten Klein, AGNP-C
Course Director

FRIDAY, NOVEMBER 3, 7:00 PM

— **BLACK TIE** —
GALA DINNER

**JOIN US TO CELEBRATE OUR
EXTRAORDINARY PHYSICIANS**

**Robert
Levy, MD**



**Monique
Steegers, MD**



**Sean
Li, MD**



**Scott
Woska, MD**



12th Annual

New York & New Jersey Pain Medicine Congress
Evolving Advanced Pain Therapies
November 2-5, 2023 • The Hyatt Regency Jersey City, New Jersey

COMMITTEE & ORGANIZERS

NY/NJ Pain Medicine Congress Organization Officials

Chairman: **Sudhir Diwan, MD**

Vice Chairs: **Scott Woska, MD, Christopher Gharibo, MD**

Course Directors: **Steve Aydin, DO, Karina Gritsenko, MD, Andrew Kaufman, MD, Kristen Klein, AGNP-C**

Fellows and Residents Pre-Congress Course Directors

Amitabh Gulati, MD, Sean Li, MD and Sayed Emal Wahezi, MD

PA and NP Pre-Congress Course Directors

Meredith George, SCP-PM and Kristen Klein, AGNP-C

Cadaver Workshop Directors

Sudhir Diwan, MD, Victor Silva, MD, Christopher Gharibo, MD, Sean Li, MD, Scott Woska, MD, and Shazad Anwar, MD

Ultrasound Workshop Directors

Steve Aydin, DO, George Chang Chien, DO, and Jesus Medina, MD

Regenerative Medicine Workshop Director

Sudhir Diwan, MD, and Christopher Centeno, MD

Scientific Program Committee

Sudhir Diwan, MD - Chair

Sean Li, MD - Co-Chair

Christopher Gharibo, MD

Scott Woska, MD

Brian Durkin, DO

Neel Mehta, MD

Karina Gritsenko, MD

Andrew Kaufman, MD

Saurabh Dang, MD

Amitabh Gulati, MD

Office of Administration

Chairman: **Sudhir Diwan, MD**

COO: **Edward Rubin, MD**

Administrative Assistant to COO: **Cathy Pitbladdo**

Executive Director: **Sandra Vamos**

GENERAL INFORMATION

VENUE AND DATES

Hyatt Regency Jersey City

New Jersey 2 Exchange Place, Jersey City, New Jersey 07302

Fellows and Residents Pre-Congress Course	Thursday, November 2, 7:50-12:00 PM	Harborside Room
APP Pre-Congress Course	Thursday, November 2, 7:50-12:00 PM	Palisades Room
CONGRESS	Thursday-Saturday, November 2-4	Hudson Ballroom
Ultrasound Workshop	Sunday, November 5, 8:00-12:00 PM	Hudson Ballroom IV+V+VI
Regenerative Medicine Workshop	Sunday, November 5, 9:00-11:30	Harborside Room
Cadaver Workshop	Sunday, November 5, 8:00-12:00 PM	Hudson Ballroom I+II+III

INTERNET ACCESS

Free of charge WiFi service is available at the venue. Network: *NYNJ-PC* Passcode: *nynj2023*

REGISTRATION DESK OPENING HOURS AT HYATT REGENCY JERSEY CITY

Thursday, November 2	7:00 AM-6:00 PM
Friday, November 3	7:00 AM-6:00 PM
Saturday, November 4	7:00 AM-5:00 PM
Sunday, November 5	7:30 AM-12:00 PM

COMMERCIAL EXHIBITION

The exhibition will be opened from Thursday, November 2 until Saturday, November 4th at the Hyatt Regency Jersey City. Delegates will have the opportunity to meet representatives of pharmaceutical and diagnostic equipment companies at their booths to discuss new developments and receive up-to-date product information.

REGISTRATION FEE ONSITE

Congress MEMBER (NYSIPP/NJSIPP)	\$800
Congress with Workshop MEMBER (NYSIPP/NJSIPP)	\$950
Congress NON MEMBER	\$950
Congress with Workshop NON MEMBER	\$1100
Congress Fellow	\$150
Congress with Workshop Fellow	\$200
Congress APP	\$300
Congress International Delegates	\$550
Congress with Workshop International Delegates	\$650
Congress International Fellow	\$75
Congress with Workshop International Fellow	\$125
Residents / Medical Student / APP Student	FREE*
	<i>*Registration and proof of student status are required.</i>
Industry registration	\$850
Extra Exhibitor badge	\$350

COFFEE BREAKS

Coffee, tea and snacks will be served in the Exhibition area regarding the program.

BREKAFAST AND LUNCH

Refer to the detailed program.

SPECIAL SOCIAL EVENTS

Fellows, Residents, APP Networking and Presentation

Thursday, November 2, 2023, 6:00-8:00 PM, Riverside Room

Sponsored by Platinum Sponsor Medtronic

Gala Dinner and Award Ceremony / BlackTie Event

Friday, November 3, 2023, Manhattan Ballroom

6:00-7:00 PM Cocktail Hour – Sponsored by Silver Sponsor Boston Scientific

7:00-10:00 PM Gala Dinner and Award Celebration

Faculty Dinner (by invitation only)

Venue: Yacht Atlantica

Meeting point & time: Hyatt Regency lobby at 6:30 PM, we walk together to Hyatt Dock

Boarding: from 6:35 PM

Sail: 7:00 PM / Return: 10:30 PM

Sponsored by Bronze Sponsor AIS Healthcare

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**Download the application
and add the congress to your
events to enjoy all features:
program, favorites, chat...**



and many more!

HOW TO ADD NYNJ CONGRESS TO MY EVENTS?

**Come to the registration desk to
find your personal QR code or
check the invitation email in your
inbox and follow instructions.**



BADGES (environmentally friendly)

Eco-friendly identification badges are provided upon registration. For security purposes, all delegates and speakers are asked to wear their name badges at all times during the meeting. The identification badges are including a QR code with basic contact information such as name, city, workplace, and e-mail address. It can be helpful when contacting the Registration Desk and other participants. Please be aware that our exhibitors and sponsors might scan your badge QR code for their records when visiting their booths or attending an industry-sponsored breakfast/lunch. If you misplace your name badge, please go to the Registration Desk to arrange for a replacement.

LOST AND FOUND

Any found item may be turned into the Registration Desk. Enquiries about lost items can be directed to the Registration Desk also.

MOBILE PHONES

Please respect the speakers and presenters by ensuring that your mobile phone is switched off during the scientific sessions.

SMARTEVENTS® CONFERENCE APP

NYNJ Pain Medicine Congress in your hands: conference app is available for smartphones at Google Play and Apple Store. Check the program, get together and chat with your fellow delegates, send your questions, get important (push) messages from the Organizers by downloading the SmartEvents app.

TECHNICAL INFORMATION FOR SPEAKERS

The organizers kindly ask you to bring your presentations with you on a USB memory stick. Your presentation must be uploaded to the computers in the meeting room with the help of the assisting technicians responsible for the dedicated room. The presentation uploading deadline is the last coffee break prior to your scheduled presentation. Please note that double slide projection and personal laptops cannot be used.

PROGRAM CHANGES

The organizers cannot assume liability for any changes in the scientific program. Organizers will do their best to keep the participants up to date and possible changes in the program will be immediately communicated.

POSTERS TECHNICAL INFORMATION

No specific poster session is scheduled, all posters are available for viewing during the opening hours. We recommend the poster presenters be around the screens during the breaks to be available for questions.

HEALTH & SAFETY

Hand sanitizer is available throughout the venue near food and exhibit areas. Wearing a face mask is not required but recommended, due to the inherent risk of exposure to COVID-19 exists in any public place where people are present. Attendees and staff may continue to wear masks for a variety of reasons, so please be kind and considerate of others.

MEET THE FACULTY



Sudhir Diwan, MD
Chairman



Christopher
Gharibo, MD
Vice Chair



Scott Woska, MD
Vice Chair



Alaa Abd-Elseyed, MD



Adnan Al-Kaisy, MD



Shahzad Anwar, MD



Fabricio Dias Assis, MD



Steve Aydin, DO



Nomen Azeem, MD



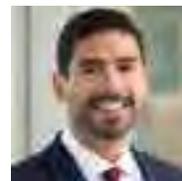
Carlos Marcela De
Barros, MD, PhD



Doug Beall, MD



Kenneth Candido, MD



Moorice Caparo, MD



Christopher Centeno, MD



Kenneth B. Chapman,
MD



George Chang Chien
DO



Kathleen Ciarletta, NP



Ashley Comer, NP



Harold Cordner, MD



Sukdeb Datta, MD



Miles Day, MD



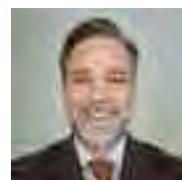
Timothy Deer, MD



Rodrigo Díez Tafur, MD



Brian Durkin, DO



Tolga Ergonenc, MD



Steven Falowski, MD



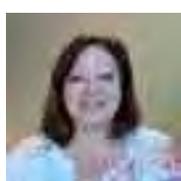
Fadi Farah, MD



Camille Fontaine, MD



Robert Galler, DO, MPH



Meredith George,
SCP-PM



Christopher Gilligan, MD



Stanley Golovac, MD



Casey Grillo, NP



Karina Gritsenko, MD



Carlos Guerrero, MD



Amitabh Gulati, MD



Roger Hartl, MD



Neeraj Jain, MD



Hemant Kalra, MD



Leonardo Kapural, MD, PhD



Andrew Kaufman, MD



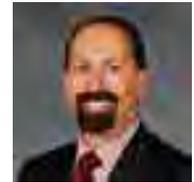
Jennifer Kirschenbaum, Esq



Kristen Klein AGNP-C



Lakshmi Koyyalagunta, MD



Robert Levy, MD, PhD



Sean Li, MD



Philippe Mavrocordatos, MD



Patrick McGinn, PA



Jesus Medina, MD



Neel Mehta, MD



Felipe Mejia, MD



Jee Yoon Moon, MD, PhD



Annu Navani, MD



Victor Pacheco, MD



Jen-Li Pan, MD



Jaclyn Pappas, NP



Juan De La Cruz Pineda, MD



Ricardo Plancarte Sanchez, MD



Carolina Hernandez Porras, MD



Vinay Puttannah, MD



Gabor B. Racz, MD



Lou Raso, MD



Edward Rubin, MD



Ricardo Ruiz-Lopez, MD



Dawood Sayed, MD



Michael E. Schatman, PhD, CPE



Naum Shaparin, MD



Ashish Shetty, MD



Victor Silva, MD



lasmin Sindeaux, MD



Konstantin Slavin, MD



Monique Steegers, MD, PhD



Agnes Stogicza, MD



Harry Sukumaran, MD



Robert Tiso, MD



Reda Tolba, MD



Johnny Tran, MD



Yu-Chuan (Grace) Tsai, MD



Ali Valimahomed, MD



Kris Vissers, MD



Sayed Emal Wahezi, MD



Michael Yang, MD

FELLOWS / RESIDENTS PRE-CONGRESS COURSE

The Journey of a Pain Fellow: Succeeding in a New Era of Change

Thursday, November 2, 2023 ■ Harborside Room

Course Directors: **Amitabh Gulati, MD, Sayed Emal Wahezi, MD, Sean Li, MD**

7:50-8:00 AM **Welcome Remarks**
Sudhir Diwan, MD, Amitabh Gulati, MD, Sayed Emal Wahezi, MD, Sean Li, MD

SESSION 1 (8:00-10:00 AM)

Moderator: **Naum Shaparin, MD**

8:00-8:20 AM **Pearls for the Pain Medicine Resident and Fellow Decoding the Language of Pain**
Sayed Emal Wahezi, MD

8:20-8:40 AM **Pain physician burnout**
Michael Schatman, PhD

8:40-9:00 AM **Panel Discussion with Sayed Emal Wahezi**
Maximizing your chances of matriculation: Trainee and PD perspectives
Panel members: Amitabh Gulati, MD, Andrew Kaufman, MD, Kenneth Chapman, MD

9:00-9:20 AM **Intricacies of Neuromodulation (SCS, PNS, and ITP)**
Amitabh Gulati, MD

9:20-9:40 AM **Interpretation of Complex Spinal Imaging & the Diagnosis of the Origin of Low Back Pain**
Doug Beall, MD

9:40-10:00 AM **The future of Minimally Invasive Spine Procedures (PRO/CON)**
Pro: Neel Mehta, MD, Con: Karina Gritsenko, MD

10:00-10:30 AM **Coffee Break**

SESSION 2 (10:30 AM -12:00 PM)

Moderator: **Sukdeb Datta, MD**

10:30-10:45 AM **Professional Development: Research, Societies**

Timothy Deer, MD

10:45-11:00 AM **The business of Pain Medicine**

Michael Yang, MD

11:00-11:15 AM **Evaluating a Practice for My First Job**

Sean Li, MD

11:15-11:30 AM **Contract evaluation and negotiation**

Jennifer Kirschenbaum, Esq.

11:30 -12:00 PM **Panel discussion with Sean Li, MD**

Panel members: Michael Yang, MD, Jennifer Kirschenbaum, Esq, Sukdeb Datta, MD

12:00-1:00 PM **Fellows/Residents Lunch**

Manhattan Ballroom

Sponsored by CornerLoc

Advancements in SI Joint Fusion

No CME credit hours are available for this session.

1:00-5:30 PM **Join the main Congress sessions in Hudson Ballroom**

6:00-8:00 PM **Fellows, Residents, APP Networking and Presentation**

Riverside Room

Sponsored by Platinum Sponsor Medtronic

**Pain Interventions Fellows Program
Education and Support Throughout your Journey**

Presenters: Vwaire Orhurhu, MD, MPH, Anson Moise, MD

No CME credit hours are available for this session.

APP PRE-CONGRESS COURSE

Thursday, November 2, 2023 ■ Palisades Room

Course Directors: **Kristen Klein, AGNP-C, Meredith George, SCP-PM**

7:50-8:00 AM **Welcome Remarks**
Kristen Klein, AGNP-C, Meredith George, SCP-PM

SESSION 1 (8:00-10:10 AM)

Updates on Current Interventional Pain Practice

Moderator: **Meredith George, SCP-PM**

- 8:00-8:20 AM **Recent Advances in Neuromodulation**
Patrick McGinn, PA
- 8:20-8:40 AM **Updates on PNS and Restorative Stimulation**
Casey Grillo, NP
- 8:40-9:00 AM **SIJ Treatment: What works the best?**
Jaclyn Pappas, NP
- 9:00-9:20 AM **LSS Treatment Options and Guidelines**
Ashley Comer, MSN, APRN, FNP-C
- 9:20-9:40 AM **Best Options for Low Back Pain: BVN Ablation, Restorative Stimulation and Regenerative Medicine**
Kristen Klein, AGNP-C
- 9:40-10:10 AM **Panel Discussion: LBP Case Studies and Treatment Options**
Moderator: Kristen Klein, AGNP-C
Panelists: Ashley Comer, MSN, APRN, FNP-C, Patrick McGinn, PA, Casey Grillo, NP, Jaclyn Pappas, NP

10:10-10:30 AM **Coffee Break**

SESSION 2 (10:30-12:00 PM)

Physician and APP Collaboration

Moderator: **Kristen Klein, AGNP-C**

- 10:30-10:50 AM **Vertebral Augmentation**
Doug Beall, MD
- 10:50-11:10 AM **LCD Guideline Updates**
Kathleen Ciarletta, NP
- 11:10-11:30 AM **Bridging Gap between Pain and Neurosurgery: Neurosurgeon's Perspective**
Robert Galler, DO, MPH
- 11:30-12:00 PM **Panel discussion with Timothy Deer, MD**
APP and MD Collaboration: Establishing an Algorithm to fit APPS in the practice
Panelists: Ashley Comer, MSN, APRN, FNP-C, Casey Grillo, NP, Kristen Klein, AGNP-C, Patrick McGinn, PA, Brian Durkin, DO

12:00-1:00 PM **APP Lunch Symposium** **Palisades Room**

Sponsored by Silver Sponsor Nalu

Identifying the NALU Patient (PNS & SCS)

Speaker: Dr. Ali Valimahomed, Casey Grillo, NP-C

Summary:
Explore the distinctive features of Nalu’s neurostimulation platform, delve into the nuances of educating today’s SCS patients on IPG options, and gain insights into identifying ideal patients for PNS targeting back, knee, and shoulder pain.

Agenda:
12:00 - 12:05 pm: Welcome and Introduction
12:05 - 12:15 pm: Overview of the Nalu neurostimulation platform
12:15 - 12:30 pm: Educating Today’s SCS Patient on Options
12:30 - 12:45 pm: Identifying the Ideal Nalu PNS Patient: Back, Knee, and Shoulder Pain
12:45 - close: Q&A Session and Closing Remarks

No CME credit hours are available for this session.

1:00-5:30 PM **Join the main Congress sessions in Hudson Ballroom**

6:00-8:00 PM **Fellows, Residents, APP Networking and Presentation** **Riverside Room**

Sponsored by Platinum Sponsor Medtronic

**Pain Interventions Fellows Program
Education and Support Throughout your Journey**

Presenters: Vwaire Orhurhu, MD, MPH, Anson Moise, MD

No CME credit hours are available for this session.

CONGRESS PROGRAM

DAY 1 ■ Thursday, November 2, 2023 ■ Hudson IV+V+VI Room

Program Chair: **Sudhir Diwan, MD**

Vice Chairs: **Scott Woska, MD, Christopher Gharibo, MD**

Course Directors: **Steve Aydin, DO, Karina Gritsenko, MD,
Andrew Kaufman, MD, Kristen Klein, AGNP-C**

12:50-1:00 PM **Welcome Remarks**

Sudhir Diwan, MD, Scott Woska, MD, Christopher Gharibo, MD

SESSION 1 (1:00-3:00 PM)

Regenerative Medicine I.

Moderator: Doug Beall, MD

1:00-1:20 PM **Use of Peridural Bone Marrow Aspirate in the Treatment of Spinal Cord Injuries**
Victor Pacheco, MD (Brazil)

1:20-1:40 PM **Intradiscal BMAC for Disc Regeneration after Microdiscectomy**
Roger Hartl, MD

1:40-2:00 PM **Peripheral Blood Derived VSEL Stem Cells, Expanded Indications**
Shahzad Anwar, MD (Pakistan)

2:00-2:20 PM **What's the Evidence that PRP Works? Does Concentration Matter?**
Christopher Centeno, MD

2:20-2:35 PM **Intradiscal Injections of Biologics: Technical Aspects**
Sudhir Diwan, MD

2:35-3:00 PM **Panel Discussion with Doug Beall, MD**
Panel members: Roger Hartl, MD, Victor Pacheco, MD, Shahzad Anwar, MD,
Christopher Centeno, MD, Sudhir Diwan, MD

3:00-3:30 PM **Coffee Break with Exhibitors / Scientific Poster Viewing**

SESSION 2 (3:30-5:30 PM)

Regenerative Medicine II.

Moderator: Annu Navani, MD

- 3:30-3:50 PM **Clinical Advances on Culturing and Cryopreservation of MSC from Autologous Adipose Tissue**
Ricardo Ruiz-Lopez, MD (Spain)
- 3:50-4:10 PM **US Guided Upper Extremity Nerve Entrapments**
George Chang Chien, DO
- 4:10-4:30 PM **High Frequency Ultrasound for Chronic Pain**
Amitabh Gulati, MD
- 4:30-4:50 PM **Hydrogenolysis in Refractory Pain Conditions**
Jen-Li Pan, MD (Taiwan)
- 4:50-5:10 PM **Biologics for MSK: Review of Evidence**
Agnes Stogicza, MD (Hungary)
- 5:10-5:40 PM **Keynote lecture:**
Blurring the Boundaries between Biologics and Technology: 2023 and Beyond
Annu Navani, MD

6:00-8:00 PM **Fellows, Residents, APP Networking and Presentation**

Riverside Room

Sponsored by Platinum Sponsor Medtronic

**Pain Interventions Fellows Program
Education and Support Throughout your Journey**

Presenters: Vwaire Orhurhu, MD, MPH, Anson Moise, MD

No CME credit hours are available for this session.

CONGRESS PROGRAM

DAY 2 ■ Friday, November 3, 2023 ■ Hudson IV+V+VI Room

7:00-7:50 AM **Breakfast Symposium** **Harborside Room**

Sponsored by Silver Sponsor Relevant

Advancing the Intracept® Procedure: Live Demonstration and Case Study

Presenters: Sudhir Diwan, MD, William Caldwell, MD, Brian Durkin, DO

No CME credit hours are available for this session.

7:50-8:00 AM **Welcome Remarks**

Scott Woska, MD

SESSION 3 (8:00-10:00 AM)

Neuromodulation I.

Moderator: Andrew Kaufman, MD

8:00-8:20 AM **Neuromodulation in 2030: Amazing Future!**

Timothy Deer, MD

8:20-8:40 AM **SCS for Craniofacial Pain Management**

Adnan Al-Kaisy, MD (UK)

8:40-9:00 AM **Neuromodulation for Peripheral Neuropathy vs. Mononeuropathy**

Leonardo Kapural, MD

9:00-9:15 AM **Neuromodulation for Visceral Pain**

Andrew Kaufman, MD

9:15-9:30 AM **Avoidable SCS Complications**

Kenneth Candido, MD

9:30-10:00 AM **Keynote Lecture:**

Politically Based Medicine vs Evidence Based Medicine: The Attack on SCS

Robert Levy, MD

10:00-10:30 AM **Coffee Break with Exhibitors / Scientific Poster Viewing**

SESSION 4 (10:30 AM-12:30 PM)

Neuromodulation II.

Moderator: Kenneth Candido, MD

- 10:30-10:50 AM **Intraoperative Neuromonitoring in SCS**
Steven Falowski, MD
- 10:50-11:10 AM **SCS Trial: Do we Need a Trial?**
Ashish Shetty, MD (UK)
- 11:10-11:30 AM **Pulse Magnetic Therapy for Painful Diabetic Neuropathy**
Harold Cordner, MD
- 11:30-11:45 AM **DRG for Chronic Axial Back Pain**
Kenneth Chapman, MD
- 11:45-12:00 PM **SCS for Pain in Spinal Cord Injury**
Rodrigo Diez Tafur, MD (Peru)
- 12:00-12:30 PM **Keynote Lecture:**
Innovation Explosion in SCS Industries: What is the Best Option?
Sean Li, MD

12:30-1:30 PM **Lunch Symposium**

Manhattan Ballroom

Sponsored by Platinum Sponsor Medtronic

Putting patients first. More options. Less restrictions.

Speakers: Yair Safriel, MD, Soriaya Motivala, MD, Amitabh Gulati, MD, Armando Villarreal, MD

No CME credit hours are available for this session.

SESSION 5 (1:30-3:30 PM)

Cancer Pain Updates

Moderator: Vinay Puttanniah, MD

- 1:30-1:50 PM **Cancer Pain: Challenges and Solutions**
Kris Vissers, MD (The Netherlands)
- 1:50-2:10 PM **New Concept: Osteogenic Pain**
Ricardo Plancarte Sanchez, MD (Mexico)
- 2:10-2:30 PM **US and CT in Interventional Cancer Pain Management**
Carolina Hernandez Porras, MD (Mexico)
- 2:30-2:50 PM **ITDD PACC Guidelines for Cancer Pain**
Vinay Puttanniah, MD
- 2:50-3:10 PM **Complex Intrathecal Regimen and CSF Kinetics**
Carlos Marcelo De Barros, MD, PhD (Brazil)
- 3:10-3:30 PM **Nuances of Visceral Neurolytic Blocks for Cancer Pain**
Dhanalakshmi Koyalagunta, MD
- 3:30-4:00 PM **Coffee Break with Exhibitors / Scientific Poster Viewing**

SESSION 6 (4:00-6:00 PM)

Education and Research

Moderator: Miles Day, MD

- 4:00-4:10 PM **Introducing Latin American Pain Society (LAPS): Non-Profit Educational Organization**
Sudhir Diwan, MD, Ricardo Plancarte Sanchez, MD, Fabricio Dias Assis, MD
- 4:10-4:40 PM **Top Three Abstracts and Prizes Presentation**
Scientific Committee: Miles Day, MD, Gabor B. Racz, MD, Neel Mehta, MD, Karina Gritsenko, MD
- 4:40-5:00 PM **University-based Accreditation in Neuromodulation and Pain**
Philippe Mavrocordatos, MD (Switzerland)
- 5:00-5:20 PM **AI in Pain Management Advancements, Applications and Possibilities**
Carlos Guerrero, MD (Colombia)
- 5:20-5:40 PM **Innovative Interventions for Difficult Spine Cases**
Neeraj Jain, MD (India)
- 5:40-6:00 PM **Keynote Lecture:**
Education and Training in Pain Medicine: Past, Present and Future
Monique Steegers, MD, PhD (The Netherlands)

- 6:00-7:00 PM **Cocktail Hour**
Sponsored by Gold Sponsor Boston Scientific

- 7:00-10:00 PM **Gala Dinner and Award Presentation / Black Tie Event** **Manhattan Ballroom**

International Scholar 2023 Award recipient:
Monique Steegers, MD (The Netherlands)
Introduction by Peter Staats, MD

Outstanding Pain Physician 2023 Award recipient: Sean Li, MD
Introduction by Christopher Gharibo, MD

Distinguished Service 2023 Award recipient: Scott Woska, MD
Introduction by Sudhir Diwan, MD

Lifetime Achievement 2023 Award recipient: Robert Levy, MD
Introduction by Timothy Deer, MD

Thank You Notes
Kristen Klein, AGNP-C

CONGRESS PROGRAM

DAY 3 ■ Saturday, November 4, 2023 ■ Hudson IV+V+VI Room

7:00-7:50 AM **Breakfast Symposium** **Harborside Room**

Sponsored by Bronze Sponsor Curonix

Featuring: Andrea Trescot, MD

No CME credit hours are available for this session.

7:50-8:00 AM **Welcome Remarks**
Christopher Gharibo, MD

SESSION 7 (8:00-10:00 AM)

Minimally Invasive Spine I.

Moderator: Doug Beall, MD

8:00-8:20 AM **Evolving Evidence for Posterior Sacroiliac Fusion: What is the Future?**
Dawood Sayed, MD

8:20-8:35 AM **Interspinous Spacers: Review of Evidence**
Lou Raso, MD

8:35-8:50 AM **Managing Vertebral Fractures and its Sequelae**
Steve Aycin, DO

8:50-9:05 AM **Safety and Effectiveness of MILD**
Stanley Golovac, MD

9:05-9:20 AM **Vertebrogenic Pain**
Brian Durkin, DO

9:20-9:35 AM **Multifidus Dysfunction**
Christopher Gilligan, MD

9:35-10:00 AM **Keynote Lecture:**
Cost and Effectiveness of MISS vs. Fusions: Future Directions
Doug Beall, MD

10:00-10:30 AM **Coffee Break with Exhibitors / Scientific Poster Viewing**

SESSION 8 (10:30 AM -12:30 PM)

Minimally Invasive Spine II.

Moderator: Scott Woska, MD

10:30-10:50 AM **Spinal Steroids for Chronic Spinal Pain: The Need of a Paradigm Shift**
Yu-Chuan (Grace) Tsai, MD (Taiwan)

10:50-11:10 AM **Endoscopic Spine: Discectomy to Fusion**
Sukdeb Datta, MD

11:10-11:30 AM **Radiofrequency of DRG: Indications and Evidence**
Felipe Mejia, MD (Colombia)

11:30-11:50 AM **RFA vs Cryo Neurolysis: Recent Advances**
Reda Tolba, MD (Abu Dhabi)

11:50-12:10 PM **Transforaminal Neuroplasty: Cervical vs. Lumbar**
Victor Silva, MD (Mexico)

12:10-12:30 PM **Keynote Lecture:**
Painful Spine: The Medical Diseases Often Ignored
Scott Woska, MD

12:30-1:30 PM **Lunch Symposium**

Manhattan Ballroom

Sponsored by Gold Sponsor SPR Therapeutics

Championing Change and Breaking Barriers in Pain Care: The 60-Day PNS Revolution

Featuring: Timothy Deer, MD

No CME credit hours are available for this session.

SESSION 9 (1:30-3:30 PM)

Practicing Interventional Pain

Moderator: Christopher Gharibo, MD

1:30-1:50 PM **CDC Guidelines: What is in? What is out?**
Christopher Gharibo, MD

1:50-2:10 PM **Navigating New LCDS**
Hemant Kalia, MD

2:10-2:30 PM **Local Politics, Lobbying and Legislators**
Edward Rubin, MD

2:30-2:45 PM **Getting Involved at NYSIPP/ASIPP**
Karina Gritsenko, MD

2:45-3:05 PM **Managing the Borderline Personality in an Interventional Pain Practice**
Michael Schatman, PhD

3:05-3:30 PM **Keynote Lecture:**
Challenging Times Practicing Interventional Pain
Robert Tiso, MD

3:30-4:00 PM **Coffee Break with Exhibitors / Scientific Poster Viewing**

Sponsored by Silver Sponsor Saluda Medical

SESSION 10 (4:00-6:00 PM)

Advanced Neuromodulation

Moderator: Konstantin Slavin, MD

- 4:00-4:20 PM **Recent Advances in PNS: The Challenges and Solutions**
Konstantin Slavin, MD
- 4:20-4:40 PM **Complex Cases: Combinations of DRG and DCS**
Fabricio Dias Assis, MD (Brazil)
- 4:40-5:00 PM **Persistent Idiopathic Facial Pain**
Miles Day, MD
- 5:00-5:20 PM **Neuromodulation in Cancer Pain Management**
Jee Yoon Moon, MD, PhD (South Korea)
- 5:20-5:40 PM **Neuromodulation for Functional Restoration: Can it Treat Paraplegia?**
Alaa Abd-Elseyed, MD
- 5:40-6:00 PM **Panel Discussion with Konstantin Slavin, MD**
Panel members: Fabricio Dias Assis, MD, Miles Day, MD, Jee Yoon Moon, MD, PhD,
Alaa Abd-Elseyed, MD
-

6:00-6:30 PM **NYSIPP State Society Meeting**
NJSIPP State Society Meeting

Hudson Room
Harborside Room

7:00-10:30 PM **Faculty Dinner** (invitation only)
Sponsored by Bronze Sponsor AIS Healthcare
Venue: Yacht Atlantica
Meeting point & time: Hyatt Regency lobby at 6:30 PM, we walk together to Hyatt Dock
Boarding: from 6:35 PM
Sail: 7:00 PM / Return: 10:30 PM

No CME credit hours are available for this session.

SUNDAY WORKSHOP PROGRAM

Sunday, November 5, 2023

Cadaver Workshop

Hudson I+II+III Room

Sunday, November 5, 2023 (8:00 AM-12:00 PM)

CME Program

Directors

Sudhir Diwan, MD
Victor Silva, MD
Christopher Gharibo, MD
Sean Li, MD
Scott Woska, MD
Shazad Anwar, MD

Faculty

Alaa Abd-Elsayed, MD
Shazad Anwar, MD
Nomen Azeem, MD
Doug Beall, MD
Moorice Caparo, MD
Kenneth Chapman, MD
Harold Cordner, MD
Sukdeb Datta, MD
Miles Day, MD
Fabricio Dias Assis, MD
Sudhir Diwan, MD
Brian Durkin, DO
Fadi Farah, MD

Christopher Gharibo, MD
Stanley Golovac, MD
Neeraj Jain, MD
Hemant Kalia, MD
Leonard Kapural, MD
Andrew Kaufman, MD
Sean Li, MD
Ricardo Sanchez Plancarte, MD
Iasmin Sindeaux, MD
Harry Sukumaran, MD
Ali Valimahomed, MD
Scott Woska, MD

Stations:

	Procedure
Station 1	Peripheral Nerve Stimulation
Station 2	DRG-Spinal Cord Stimulation
Station 3	Percutaneous Image-Guided Lumbar Decompression
Station 4	Kyphoplasty
Station 5	Closed Loop Spinal Cord Stimulation
Station 6	Indirect Spinal Decompression

Attendees rotate through each station – 30-minute rotations.

Ultrasound Workshop

Sunday, November 5, 2023 (8:00 AM-12:00 PM)

CME Program

Hudson IV+V+VI Room

Directors

Steve M. Aydin, DO
George Chang Chien, DO
Jesus Medina, MD

Faculty

Steve Aydin, DO
George Chang Chien, DO
Rodrigo Diez Tafur, MD
Tolga Ergonenc, MD
Camille Fontaine, MD
Jesus Medina, MD
Jen-Li Pan, MD

Juan Pineda, MD
Carolina Hernandez Porras, MD
Edward Rubin, MD
Ashish Shetty, MD
Victor Silva, MD
Agnes Stogicza, MD
Johnny Tran, MD

Stations

Station 1 Upper Extremity MSK

Station 2 Lower Extremity MSK

Station 3 Nerve Tracing

Station 4 Trunk Abdomen Thorax

Station 5 Cervical Spine

Station 6 Lumbar Spine

Regenerative Medicine Workshop

Sunday, November 5 (9:00 AM-11:30 AM)

NON CME Program

Sponsored by Regenxx

Harborside Room

How to up your PRP or “Stem Cell” Game: Advice from a Founder of the Field

Regenxx Overview: History, Published Research, Regenxx Processing Methods, Advanced Training, Education, & Support (20 mins)

Presented by Chris Centeno, MD, Founder and CMO of Regenxx

Regenxx Automated Bedside Devices Revel (15 mins)

Presented by Chris Centeno, MD, Founder and CMO of Regenxx

Regenxx Automated PRP Device Video (2 mins)

Presented by Micah Zackroff, Director of Business Development of Regenxx

Regenxx Business Opportunity: Marketing, Patient Referrals, Self-Funded, Corporate Program Traction (20 mins)

Presented by Wayne Schellhammer, CEO & President of Regenxx

Regenxx Bone Marrow Aspirate and Hip Musculoskeletal Ultrasound Demonstration (45 mins)

Presented by Chris Centeno, MD, Founder and CMO of Regenxx

Break (10mins)

Lunch Provided by Regenxx with Q & A Session (60 mins)

COMPANIES



Abbott

Abbott is a global healthcare leader that helps people live more fully at all stages of life. Our portfolio of life-changing technologies spans the spectrum of healthcare, with leading businesses and products in diagnostics, medical devices, nutritionals and branded generic medicines.



Advanced Orthopaedics

Based out of Philadelphia, PA, Advanced Orthopaedics is the premiere manufacturer of high-quality orthopedic bracing and supports and is a leading supplier to pain management specialists throughout the United States. For over 25 years, we have been the trusted name in the orthopedic soft good industry. Today, we continue to lead the market with extraordinary PDAC approved products, engineered for superior comfort and clinical performance for your patients. With Advanced Orthopaedics you can begin A New Day of Healing™



AIS Healthcare

Throughout the targeted drug delivery care continuum, AIS Healthcare is focused on raising the bar for quality. From the unparalleled sterility standards in our 503A specialty compounding pharmacies to comprehensive care services from our skilled nursing team, we go above and beyond to enhance the care experience for everyone.



AMETD

The Mexican Association for the Study and Treatment of Pain (AMETD) is a group of doctors from various areas that was born in 1980. Since its inception it has had annual meetings that bring together its members. Our Vision is to work together with the different colleges, councils and medical societies in the country acceptable in the treatment of pain, to be leaders in the organization of academic activities, medical decision making and participation in health matters of our nation; ensure that all Mexicans have the same opportunities to access pain control and palliative care, as well as the availability of hospitals for patients with diseases that impair their quality of life.



Aurora Spine

Aurora Spine specializes in developing surgical implants and new innovative medical technologies for minimally invasive treatments to provide patients with pain relief and short recovery times. We are committed to making our implants better, less invasive, and, most importantly, something that genuinely helps patients and improves their quality of life. Innovation targeted at our patients' well-being.



Averitas Pharma

Formed in 2018, Averitas is the US commercial subsidiary of Grünenthal, a multinational pharmaceutical company with presence across Europe, Latin America, and the US. Grünenthal has been a global leader in research and development of therapeutics for pain, gout, and inflammation. Now, Averitas becomes a new chapter in Grünenthal's growth.



Basic Home Infusion

Basic Home Infusion specializes in providing pharmacy and nursing services for intrathecal pumps nationwide for chronic pain and spasticity. Over 30 years of unmatched experience and reputation providing patient-specific medications, at-home pump refills, dose titrations, and MRI support, with excellence in safety, quality, service, and access to optimize therapeutic outcomes and improve quality of life.



Biotronik Neuro

Biotronik has 60 years of implantable medical device history and 25 years of automatic, daily & objective remote monitoring experience in the Cardiac Rhythm Management (CRM) space; Biotronik Neuro built upon this technology to bring relief for chronic pain patients with one clear goal: to ensure each patient receives timely and effective post-implant care to continuously confirm their SCS device is optimized as the physician intended.



Boston Scientific

Boston Scientific is dedicated to providing physicians with a variety of solutions to meet the needs of patients suffering from chronic pain. Our growing portfolio of pain management product offerings includes leading technologies in radiofrequency ablation, minimally invasive indirect decompression, and spinal cord stimulation.

Link: BostonScientific.com/Pain



Chronic Pain Research Institute

Chronic Pain Research Institute

Chronic Pain Research Institute is available to provide a streamlined solution to successfully adding clinical research to your established chronic pain practice. We have over 20 years of clinical research experience attracting industry and competitive funding in Europe and the US. CPRI is available to share our expertise with you by choosing either in-depth virtual guidance or site clinical research center establishment.



Clint Pharmaceuticals

Established in 1987, Clint Pharmaceuticals has become an industry-leading provider of high-quality FDA-approved injectable pharmaceuticals. CPI is not a compounding pharmacy. We also distribute interventional pain management procedural trays and needles, orthopedic soft goods, and radiation protection apparel to physician offices and medical clinics throughout the United States.



CornerLoc

CornerLoc™ – Offering both the proven CornerLoc™ graft and the new modular TransLoc 3D™ SI Joint Fusion System. TransLoc 3D™ has both a posterior implant and lateral oblique screw and can be used to create a truly 3-dimensional hybrid construct, or the screws can be used as a transfixing compression system.



Curonix

Freedom Neuro B.V. is a distributor of Freedom devices. The Freedom PNS and SCS Systems use high-frequency electromagnetic coupling (HF-EMC) technology to power the implanted neurostimulator(s). Each neurostimulator comprises an electrode array with 4 or 8 contacts, and the electrode array is connected to a separate implanted receiver. An external rechargeable transmitter supplies the energy and data to the implanted neurostimulator through the skin. The device uses pulsed electric current to create an electrical field that acts on nerves to inhibit the transmission of pain signals to the brain.



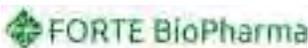
Eliquence

Eliquence educates physicians on how to perform the least invasive procedural solutions for spine pathologies and manufactures the tools to support them. eliquence supplies a comprehensive variety of endoscopic spine systems along with the Disc-FX® discectomy system and our family of Trigger-Flex® steerable bipolar handpieces, ALL OF WHICH ARE USED WITH OUR Surgi-Max® Ultra GENERATOR, a unique HIGH FREQUENCY LOW HEAT RF energy source, that spares healthy tissue while precisely treating pathology.



Epimed

Epimed designs, develops, manufactures, and delivers standard and unique solutions for physicians with an emphasis on outcomes and safety. Our products include Site Specific Catheters (including the Rac2®), RX-2 Epidural Needles, Coudé® Blunt Nerve Block Needles, a full line of R-F™ Products, and the PainBlocker™ Cryo line of Cryoanalgesia.



Forte Bio-Pharma

Forte Bio-Pharma is a privately owned, specialized pharmaceutical firm with a company emphasis on acquiring, advancing, and bringing pain relief medications to market. At our core, we are a company driven by a strong set of values, dedicated to enhancing the well-being of patients and shaping a more promising future for them.



Franklin RX

Franklin Rx Pharmacy is a private and locally-owned pharmacy that will handle all your individual pharmaceutical and surgical supply needs with knowledge, safety, and care. Due to our extensive experience in the industry, we work closely with many healthcare facilities including but not limited to long-term care, nursing homes, hospitals, assisted living and retirement homes, group homes, home care agencies, clinics, outreach programs, and more.

With Franklin Rx Pharmacy, you get the kind of personalized care and services you can't get anywhere else. As a locally-owned, private pharmacy, Franklin Rx Pharmacy builds a close, personal relationship with its patients and provides education with high-quality customer service. We have the best knowledge and expertise in the community.

That along with our highly trained staff, excellent customer service, and personal care, makes us the best choice in the area of pharmaceutical care. Above all else, our mission is to improve the lives of those we serve by making innovative and high-quality health and pharmacy services safe, affordable, and easy to access.

We are the workers' compensation & no-fault medication specialists in New York and New Jersey.



GE Healthcare

GE Healthcare is the \$18 billion healthcare business of GE (NYSE: GE). As a leading global medical technology, pharmaceutical diagnostics and digital solutions innovator, GE Healthcare enables clinicians to make faster, more informed decisions through intelligent devices, data analytics, applications and services, supported by its Edison intelligence platform.



Hudson Regional Hospital

At Hudson Regional Hospital, we proudly stand as Northern New Jersey's healthcare beacon, committed to enriching our community's well-being. With an esteemed roster of almost 800 top-tier physicians and state-of-the-art technologies such as the daVinci Surgical System, we guarantee superlative care. Our ongoing facility enhancements and personalized concierge services, including private rooms, ensure an exceptional and appealing healthcare experience.



Injured Workers Pharmacy (IWP)

As a specialized home delivery pharmacy, IWP supports injured workers from injury to recovery. We are committed to delivering the industry's highest quality pharmacy care by partnering with the treatment team, attorneys and payers to achieve superior return to work results. To learn more about IWP, visit our website at www.IWPPharmacy.com.



Konica Minolta

Konica Minolta's ultrasound systems feature advanced MSK functionality for superior image detail and contrast resolution to support ultrasound-guided procedures and orthobiologic therapies. Our UGPro® Solution unites advanced ultrasound capabilities with the latest minimally-invasive procedural technologies so clinicians have the confidence to make better decisions sooner at the point-of-care.



Kowa Pharmaceuticals

Kowa Pharmaceuticals America, Inc., headquartered in Montgomery, Alabama, is committed to continuing the development and commercialization of safe, effective healthcare solutions primarily in the areas of acute pain and cardiometabolic diseases. Established in September 2008, Kowa Pharmaceuticals America focuses its efforts on the successful commercialization of its current and near-term portfolio of pharmaceutical products and business development activities."



Mainstay Medical

Mainstay Medical (www.mainstaymedical.com) is focused on bringing to market ReActiv8®, an implantable Restorative Neurostimulation system that targets the spine stabilizing muscles in people with refractory disabling Chronic Mechanical Low Back Pain and who are not indicated for spine surgery or SCS.



Medtronic

Medtronic is one of the leaders in pain management innovation and technology, with the guidance of our mission to alleviate pain, restore health and extend life. Learn how Medtronic is shaping the future of pain management and improving the lives of patients around the world. Medtronic is proud to invest in teaching and offering our clinicians multiple treatment options including Intellis™ and Vanta™ Spinal Cord Stimulation battery and MRI technology, and our Targeted Drug Delivery system; along with our Radio Frequency Ablation with Accurian™, OsteoCool™ RF Ablation system, Kyphon™ balloon kyphoplasty portfolio.

Let's connect on LinkedIn @MedtronicPainInterventions



MLMIC Insurance

MLMIC is the largest writer of medical professional liability insurance in the State of New York. MLMIC insures more than 13,000 physicians, 3,000 dentists, dozens of hospitals, and thousands of other healthcare professionals and facilities. In 2018, MLMIC was acquired by Berkshire Hathaway, launching a new era as New York's premier medical professional liability carrier.



Modernizing Medicine

The modmed® Pain Management software suite is a cloud-based, all-in-one solution featuring EMA®, our electronic health records (EHR) system, that works seamlessly with our other products and services including Practice Management, premium analytics, modmed Telehealth, modmed Pay, patient engagement tools and more.

Follow the data. Treat more patients.

Visit Nalu Exhibit S#3

nalu™
neurostimulation

PNS: COMFORT RCT 6-month early results¹

- 78% average pain reduction
- 100% of patients reported 'very much improved' or 'much improved'^{1*} (n=15)

*Patient Global Impression of Change

Responder Rate (≥50% pain relief)



Visual Analog Scale (VAS)

SCS: US nPower prospective, multi-center clinical trial²

- 74% average pain reduction in back
- 76% average pain reduction in leg(s) (n=35)

Responder Rate Back & Legs (≥50% pain relief)



Visual Analog Scale (VAS)

1. Engle M, Sayal P, Liu E, et al. A report on the interim analysis of 6-month outcomes for the COMFORT PNS RCT. Presented at: Fifth Annual American Society of Pain & Neuroscience (ASPN) Conference; July 13-16, 2023; Miami, FL.
2. Desai MJ, Raju T, Ung C, et al. Exploring composite endpoints from the US nPower study. Presented at: Fifth Annual American Society of Pain & Neuroscience (ASPN) Conference; July 13-16, 2023; Miami, FL.

Indications for Use: Spinal Cord Stimulation - The Nalu Neurostimulation System is indicated as the sole mitigating agent, or as an adjunct to other modes of therapy used in a multidisciplinary approach for chronic, intractable pain of the trunk and/or limbs, including unilateral or bilateral pain. The trial devices are solely used for trial stimulation (no longer than 30 days) to determine efficacy before recommendation for a permanent (long term) device. **Peripheral Nerve Stimulation** - The Nalu Neurostimulation System is indicated for pain management in adults who have severe intractable chronic pain of peripheral nerve origin, as the sole mitigating agent, or as an adjunct to other modes of therapy used in a multidisciplinary approach. The Nalu Neurostimulation System is not intended to treat pain in the craniofacial region. The trial devices are solely used for trial stimulation (no longer than 30 days) to determine efficacy before recommendation for a permanent (long term) device. **Contraindications:** Patients contraindicated for this therapy are those who are unable to operate the system, have failed trial stimulation by failing to receive effective pain relief, are poor surgical risks, and/or are pregnant. **General Warnings, Precautions, Adverse Events:** Please refer to the latest Instructions for Use provided with the Nalu Neurostimulation System for warnings, precautions, and potential adverse events prior to using the system.

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Nalu Medical

Nalu Medical, Inc. offers innovative solutions for chronic neuropathic pain. The Nalu Neurostimulation System includes a micro-IPG and wearable Therapy Disc, FDA-cleared for spinal cord and peripheral nerve stimulation. This award-winning system is engineered to address unmet pain treatment needs, it provides a unique value proposition for patients and physicians.



NASPI

Specializing in the most minimally invasive surgeries with great results! The care we provide helps patients with lower back pain, neck pain, knee pain, hip pain and more. North America Spine and Pain Institute's experienced team of pain management physicians, board licensed surgeons, therapists, chiropractors, and acupuncturists specialize in orthopedic and neurological conditions. Our comprehensive and customizable approach to care, helps patients live pain-free lives through a variety of procedures and treatments.



Nevro

Introducing HFX™, Nevro's one comprehensive platform for individualized relief from chronic pain. Built on the outcomes from 70,000+ patients, HFX combines innovative technologies, advanced therapies, and end-to-end patient support to achieve the best possible results.



Pacira BioSciences

Pacira BioSciences, Inc. is the industry leader in its commitment to non-opioid pain management and regenerative health solutions to improve patients' journeys along the neural pain pathway. To learn more about Pacira, including the corporate mission to reduce overreliance on opioids, visit www.pacira.com.



PainTEQ

PainTEQ is a Tampa based medical device company focused on providing breakthrough medical products that help patients eliminate chronic pain and provide a better quality of life. The LinQ procedure is the gold standard proven effective minimally invasive solution to address sacroiliac joint pain backed by clinical evidence with a superior safety profile.



PainExam

NRAP Academy presents the PainExam Board Review and CME series featuring up to 49.5 CME Credits, over 17 hours of audio and video lectures. The PainExam Complete package includes: the Missed Keyword Lecture Series, Regenerative Medicine for Spine Disease Course, Imaging for the Pain Practitioner Lecture, and Ultrasound course for Interventional Pain Physicians. For live training and ultrasound workshops go to PainExam.com/events!



Pentec Health

Pentec Health, Inc. is a Joint Commission accredited specialty pharmacy and infusion provider that specializes in providing comprehensive care for patients with implanted pumps treating severe pain and/or spasticity. Our proprietary electronic communications platform ensures all disciplines remain informed and focused on improving patient outcomes.

HFXiq™

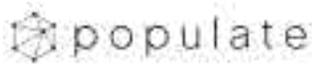
Relief is dynamic.

HFX iq™ is the only Artificial Intelligence-based SCS system that gets smarter over time.¹



¹HFX IQ™ uses a fixed set of instructions to make optimized therapy recommendations based on data obtained from the patient.

SENZA, SENZA II, SENZA OMNIA, OMNIA, HF10, the HF10 logo, 10 kHz Therapy, HFX, the HFX logo, HFX IQ, the HFX IQ logo, HFX Algorithm, HFX CONNECT, the HFX Connect logo, HFX ACCESS, the HFX Access logo, HFX COACH, the HFX Coach logo, HFX CLOUD, the HFX Cloud logo, RELIEF MULTIPLIED, the X logo, NEURO, and the NEURO logo are trademarks or registered trademarks of Nevro Corp. ©2023 Nevro Corp. All Rights Reserved. S301415



Populate

Populate is the first AI-powered EMR designed by Pain Management practitioners, specifically for Pain, Spine, and Musculoskeletal practices. Dramatically improve efficiency with 75% reduced admin overhead and 40% faster documentation. Elevate your patient journey, grow your practice, and harness the future of EMR technology. Explore more: populate.com.



Protega Company Blurb

Protega Pharmaceuticals is an innovative specialty pharmaceutical company focused on responsible pain management. We have focused our efforts on the development of novel abuse-deterrent products. Our vision is to become a valuable partner with medical practitioners by providing innovative therapies that exemplifies our commitment to patient health and safety.



Regenexx

Regenexx® is the worldwide, elite physician network utilizing the world's most innovated BMAC and blood platelet procedures for orthopedics. Regenexx® is devoted to growing your regenerative medicine practice through a turnkey approach with advanced technology, proven research with a patient registry database, physician/lab training, marketing with patient referrals and continued support services.

Join our Breakfast Symposium

Advancing the Intracept® Procedure: Live Demonstration and Case Study

Friday, November 3rd

7:00 am - 7:50 am

The Hyatt Regency Jersey City
Harborside Room

 **Intracept**
by relevant



Live Reveal-the-Loop: Patient Demonstration

Come and See How We Have Made Objective Measurements of Neural Activation A Reality

JOIN US AT BOOTH #4
Saturday, November 4th
3:30-4:00PM

Hosted by **Saluda Medical**, presented by **Dr. Sean Li**
with an **Evoke[®] System** patient.



Scan the QR Code

View more reveal-the-loop demonstrations
with the **Evoke[®] System** powered by
SmartLoop™ Technology



For risks and important safety information, visit: saludamedical.com/safety
CLIN-MKT-010346



Relieva Medsystems

Relieva Medsystems is a commercial-stage medical device company transforming the diagnosis and treatment of vertebrogenic pain, a form of Chronic Low Back Pain (CLBP), with the Intracept Procedure – a novel, clinically proven and commercially available treatment designed to improve the quality of life for millions of indicated patients. For more information about Relieva Medsystems and the Intracept Procedure, visit www.relieva.com.



RGS Healthcare

For over 15 years, RGS Healthcare has helped physicians implement state of the art equipment such as C-ARMS and Ultrasound Systems. We pride ourselves in listening to our clients' clinical and budgetary requirements. Contact us for your medical equipment needs.



Saluda Medical

Saluda is transforming patients' lives with disruptive neural sensing technologies to revolutionize the field of neuromodulation. The Evoke[®] System, has 10+ years of advanced research, development, & clinical experience, it is the only SmartSCS™ to directly measure the spinal cord's physiologic response to stimulation using ECAPs to pioneer smart neuromodulation therapy.



Scilex

SCILEX[®] Pharmaceuticals of Palo Alto, CA, is a commercial-stage, non-opioid pain management company. ZTlido[®], launched in October 2018 – is a prescription lidocaine patch for postherpetic neuralgia (PHN) pain relief.
<https://www.linkedin.com/company/scilex-pharmaceuticals>



SI-Bone

SI-BONE has developed an innovative, patented implant for some causes of SI joint pain. The iFuse Implant System® provides a less invasive alternative to traditional sacroiliac (SI) joint fusion surgery. The iFuse Implant System uses the same titanium implant technology that has been used in the ENDO-FUSE System. To date, more than 55,000 minimally invasive surgical SI joint fusions have been performed with the iFuse Implant System by more than 2,400 surgeons worldwide.



Spinal Simplicity

Spinal Simplicity is a company dedicated to the creation of innovative simple solutions for spinal problems. With a focus on quality, our products are designed to further enhance patient care while providing physicians with a greater array of minimally invasive devices.



SPR Therapeutics

The SPRINT® PNS System, by SPR® Therapeutics, marks an innovative shift in the treatment of pain. Our breakthrough, 60-day treatment is a First-Line™ PNS option uniquely designed to recondition the central nervous system to provide significant and sustained relief from chronic pain — without a permanent implant, nerve damage or the risk of addiction. The system has been studied extensively for low back pain, shoulder pain, post-amputation pain, and chronic and acute post-operative pain, and is cleared for use up to 60 days. Recognized by leading pain management centers, the breakthrough neuromodulation treatment offers a patient-preferred alternative to more invasive options.



Stratus Medical

Stratus Medical is a medical device company focused on reducing pain and suffering and improving the quality of life for chronic pain patients through innovation. Our leading technology, the Nimbus Multitined Expandable Electrode was invented by a pain medicine physician who wanted a large volume radiofrequency lesion to reduce the anatomical uncertainty when treating targeted nerves with the goal to provide predictable and sustained pain relief.



Superior Spine

Superior Spine has serviced the NY/NJ pain management community for the last 11 years. We consistently bring new and innovative products to pain management physicians that improve patient care and build strong practices. We pride ourselves on having the most comprehensive product portfolio. We have come to be perceived as partners rather than just a typical distributor.



SurgiCore

SurgiCore is comprised of 11 state-of-the-art ambulatory surgery centers (ASCs) located in the Tri-State area. Our facilities are located in Paterson, Saddlebrook, Jersey City, Manalapan, Montvale, Queens, Brooklyn, Bronx, Far Rockaway, and New York City (Fifth Avenue and Midtown). Our facilities are used by world-renowned physicians, surgeons, and anesthesiologists who are committed to highly personalized patient safety and care. With access to advanced medical technology, highly credentialed physicians, and convenient locations in New York and New Jersey, more surgeons are choosing to do business with SurgiCore.



Tenon Medical

Catamaran® SI Joint Fusion System is a less invasive Inferior-Posterior approach using a single, titanium implant that transfixes the SI joint along its longitudinal axis. Entry is similar to an SI joint injection, directly to the joint and away from critical neural/vascular structures and into the strongest cortical bone.

www.tenonmed.com



TerSera Therapeutics

TerSera /Therapeutics acquires and develops specialty pharmaceutical products with a focus on select therapeutic areas.

Our mission is to market products which truly make a difference for patients.

Our focus is to bring intelligent solutions to prescribers and patients who need better solutions.

We deliver a comprehensive set of programs that go beyond the therapy itself in order to provide improved outcomes for patients.



Vertos Medical

Vertos Medical is an interventional pain company committed to developing innovative, minimally invasive treatments for lumbar spinal stenosis (LSS). mild, its proprietary technology, is an image-guided outpatient procedure that removes a major root cause of LSS through an incision smaller than the size of baby aspirin and requires no implants, no general anesthesia, and no stitches. To learn more, visit www.vertosmed.com.



Viomerse

Viomerse is a surgical education company that specializes in synthetic anatomical models (phantoms) and remote training technology. Our phantoms enable a realistic hands-on experience for medical education, delivering superior haptic feedback, anatomy, and biomechanical function compared to competitors, while also avoiding the logistical challenges associated with traditional cadaveric training.

ENDORSEMENTS



Latin American Pain Society (LAPS)

The Latin American Pain Society (LAPS) was established to promote pain medicine education, encourage high-quality scientific research and publication, and provide highly skilled ultrasound and fluoroscopy-guided hands-on training courses to advance the evidence-based clinical practice of interventional pain throughout Latin America. LAPS is committed to putting all resources to bring academic leaders together on a common platform and unitedly works to raise the bar to offer the best pain care to their patients.

www.latinamericanpainsociety.com



World Institute of Pain (WIP)

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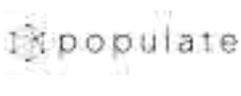


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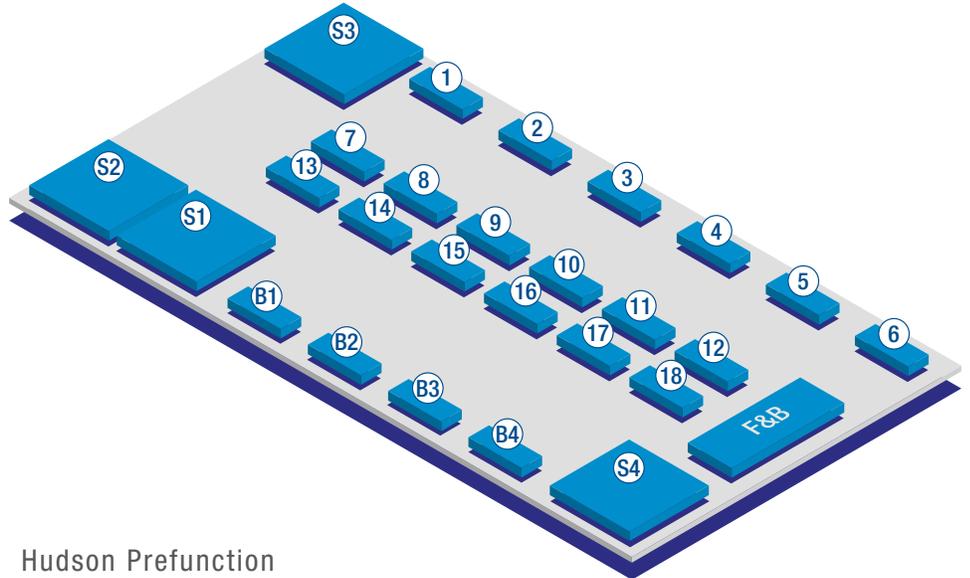
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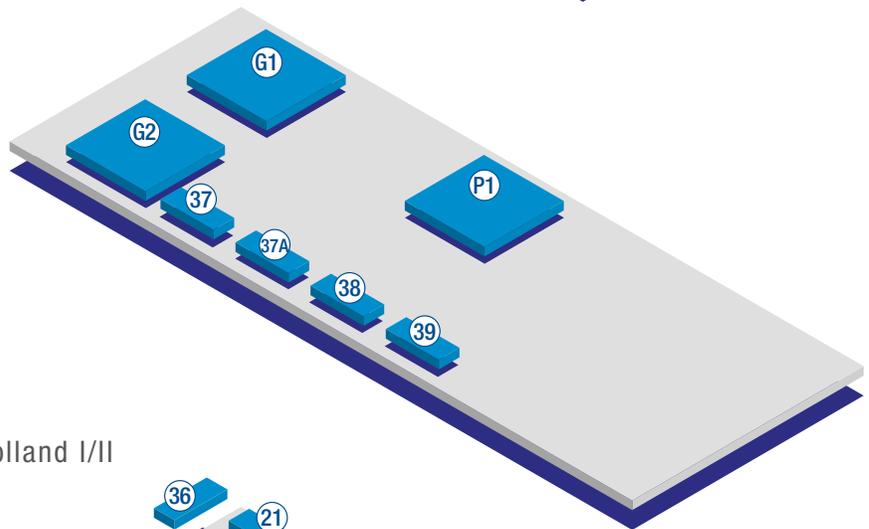


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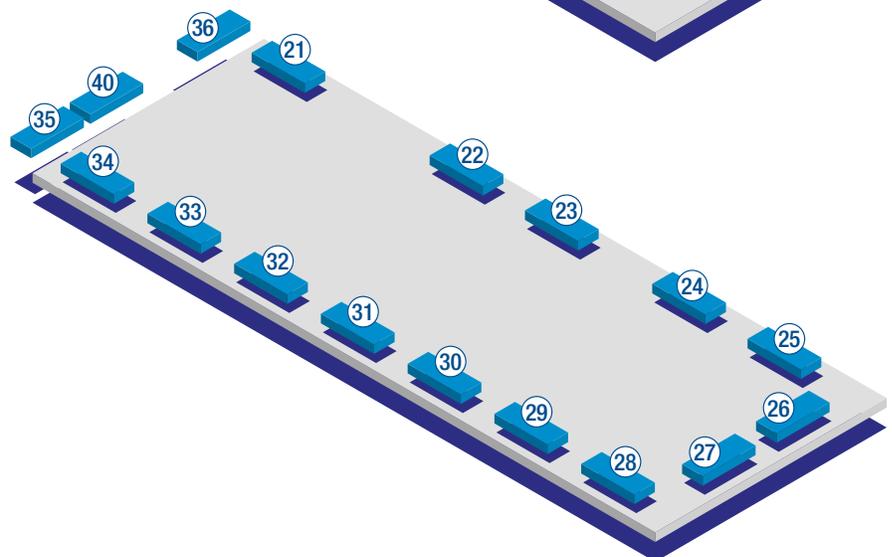
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