

Curriculum Vitae (Updated December 5, 2019)

Employment Data

Company: Nevada Advanced Pain Specialists
Title: President
Dates: March 28, 2009 – Present
Address: 5578 Longley Lane
Reno, NV 89511
Phone: (775) 284-8650
Fax: (775) 284-8654
Email: patterson@nvadvancedpain.com

Company: SpineNevada
Title: Director of Non-operative Care
Dates: August 2007 – March 27, 2009
Address: 2845 E. Prater Way, Suite #204
Sparks, NV 89434
Phone: (775) 348-8800

Professional Appointments

Institution: Summit Surgery Center at Saint Mary's Galena
Title: President, Board of Directors
Dates: October 2009 – June 2013
Address: 18653 Wedge Pkwy #170
Reno, NV 89511
Phone: (775) 674-5200
Fax: (775) 674-5228

Institution: Northern Nevada Medical Center
Title: Medical Director of the Pain Management Center
Dates: June 2012 – Present
Address: 2385 E Prater Way, Suite 102
Sparks, Nevada 89434
Phone: (775) 284-8650
Fax: (775) 284-8654

Institution: University of Nevada School of Medicine
Title: Faculty in the ECHO Pain Management and Addiction Clinic
Dates: February 2015 – Present
Address: 411 West Second Street
Reno, NV 89503
Phone: (775) 682-8476

Institution: MD Spine Solutions LLC

Title: Medical Director of RxIGHT Pharmacogenetics Program
Dates: November 2015 – Present
Address: 10715 Double R. Blvd
Reno, NV 89521
Phone: (775) 391-5221
Fax: (775) 737-9133

Institution: Nevada Advanced Pain Surgical Center LLC
Title: President, Board of Directors
Dates: December 2015 – December 2018
Address: 10719 Double R. Blvd
Reno, NV 89521
Phone: (775) 284-7467
Fax: (775) 295-4844

Academic Appointments

Institution: Michigan State University College of Osteopathic Medicine
Title: Clinical Assistant Professor
Dates: November 2010 – July 1, 2013

Institution: Touro University Nevada College of Osteopathic Medicine
Title: Clinical Assistant Professor
Dates: October 1, 2015 – October 1, 2019

Board Certification

American Board of Physical Medicine and Rehabilitation
Written Examination Passed 8/2006
Oral Examination Passed 5/2007
Re-Certification Examination Passed 2/2017

American Board of Physical Medicine and Rehabilitation, Pain Medicine
Written Examination Passed 9/2007
Re-Certification Examination Passed 9/2017

Education

Fellowship July, 2006 – June, 2007
Emory University
Atlanta, GA
Pain Fellowship
Section of Physical Medicine and Rehabilitation

Residency July, 2003 – June 2006
Mayo Clinic Graduate School of Medicine
Rochester, MN

Section of Physical Medicine and Rehabilitation

- Internship** July, 2002- June, 2003
Mount Clemens General Hospital
Mount Clemens, MI
Traditional Rotating Osteopathic Internship
- Graduate** August, 1998- May, 2002
Michigan State University College of Osteopathic Medicine
East Lansing, MI
Degree: D.O.
- Undergraduate** August, 1993- May, 1997
University of Colorado at Boulder
Boulder, CO
Degree: B.A. Molecular, Cellular, Developmental Biology
- High School** August, 1989- May, 1993
Denver South High School
Denver, CO
Diploma

Honors and Awards

- Professional** 2013 Top 25 Physician in Northern Nevada by Nevada
Business Magazine
- 2013 Achieved the JAHCO Gold Seal of Approval of Low
Back Pain for Northern Nevada Medical Center while acting
as the Medical Director of the Pain Center. We are the
first and only Center in the nation to achieve this certification
- 2012 Top 25 Physician in Northern Nevada by Nevada
Business Magazine
- Residency** Resident Physician Council Liaison to PASSOR for the
American Academy of Physical Medicine and Rehabilitation
October 2004- October 2005
- Graduate** Vice President of the Student Osteopathic Surgical Association
August, 1999- August, 2000
- Undergraduate** Deans List, University of Colorado at Boulder, 1993-1997

Professional Organizations

American Medical Association, Fellow Member

American Academy of Physical Medicine and Rehabilitation,
Fellow Member
International Spine Interventional Society, Fellow Member
North American Neuromodulation Society, Fellow Member
Internal Neuromodulation Society, Fellow Member

Committees/Teaching

Anatomy Tutor for Medical Students (1st year)
Fall 1999

Consulting Relationships

Abbott Medical/St Jude Medical October, 2013 – Present
AIS January, 2019 – Present
Allergan February, 2012 – Present
Amgen November, 2017 – Present
CornerLoc January, 2019 - Present
Flowonix August, 2017 - Present
Saluda September, 2018 - Present

Research Trials

Principal Investigator: Nuvectra Corp., Algovita Post-Market Clinical Investigational Plan: A prospective, multi-center, single arm, non-randomized observational, post-market study obtaining real-world clinical outcome data for the Algovita Spinal Cord Stimulation System when used, on-label, according to the applicable indications for use.

Principal Investigator: BIOTRONIK Inc., BENEFIT-02 Study: A prospective, multicenter, randomized, parallel-assignment, single-blind, interventional feasibility study investigation the effects of two study spinal cord stimulation (SCS) therapies on subjected reported pain and paresthesia perception.

Principal Investigator: Vertiflex Press Registry: Post-marketing Superior Spacer Registry for Evaluation of Superior Spacer.

Principal Investigator: Nevro Corp., PDN1: A Post-Market, Multicenter, Prospective, Randomized Clinical Trial Comparing 10 kHz Spinal Cord Stimulation (HF10™ Therapy) Combined with Conventional Medical Management to Conventional Medical Management Alone in the Treatment of Chronic, Intractable, Neuropathic Limb Pain

Principal Investigator: St Jude Medical, Inc./Abbott Medical, BurstDR™ microDosing stimulation in De-novo patients (BOLD). Study to evaluate the efficacy of BurstDR™ microdosing stimulation in patients with chronic intractable back and/or leg pain with no prior history of SCS therapy.

Principal Investigator: St Jude Medical, Inc./Abbott Medical, TARGET: A Post-Approval Study to Evaluate Targeted SCS (DRG) Stimulation for the management of Moderate to Severe Chronic, Intractable, Pain of the Lower Limbs due to CRPS types I and II.

Principal Investigator: St Jude Medical, Inc./Abbott Medical, DELIVERY: Randomized, controlled, single blinded, prospective, multicenter study evaluating the effect of a multi-therapy trial system on neurostimulation trial outcomes (DELIVERY PMS) study.

Principal Investigator: Abbott Medical, PROLONG: A prospective, Multicenter, Open-Label, Post-Market Study involving IPG revisions from non-BurstDR™ capable IPG's, to BurstDR™ capable, Abbott Medical IPG's due to loss of therapeutic effect in order to evaluate the efficacy of Abbott's neurostimulators in restoring therapeutic benefit from neuromodulation therapy.

Principal Investigator: Abbott Medical, REALITY: A post-market, prospective, open-label, non-randomized, multi-center study conducted to gain an understanding of how Abbott's neurostimulation systems are being used in the real-world setting. It will serve the dual purpose of collecting long-term safety and effectiveness of these devices, and obtaining information about the different patient populations who are using them.

Principal Investigator: Clarity Research and Consulting, LLC., OPTIMA-G: Observational Study (Observing Pain Transdermal Treatments – Improving and Managing All GI Symptoms).

Principal Investigator: STIMPACT: A study determining if Pain Impact Scores (PIS) have a predictive value for the success of neurostimulation trials and outcomes, and to prove non-inferiority of the PIS against traditional measures of neurostimulation success.

Original Publications in Peer Reviewed Journals

Deer, T., Pope, J., Lamer, T., Grider, J., Provenzano, D., Lubenow, T., FitzGerald, J., Hunter, C., Falowski, S., Sayed, D. Baranidharan, G., Patel, N., Davis, T., Green, A., Pajuelo, A., Epstein, L., Harned, M., Liem, L., Christo, P., MD, Chakravarthy, K., Gilmore, C., Huygen, F., Lee, E., Metha, P., Nijhuis, H., Patterson, D., Petersen, E., Pilitsis, J., Rowe, J., Rupert, M., Skaribas, I., Sweet, J., Verrills, P., Wilson, D., Levy, R., Mekhail, N..The Neuromodulation Appropriateness Consensus Committee on Best Practices for Dorsal Root Ganglion Stimulation. *Neuromodulation: Technology at the Neural Interface* Vol. (Issue), pages, 2018

Presentations

Ultrasound Guided Versus Non-Guided Tibiotalar and Subtalar Joint Injections: A Cadaveric Study.
Presented at the American Academy of Physical Medicine and Rehabilitation Annual Assembly Meeting 2006

“The Pain Treatment Algorithm and Neuromodulation”
St Jude Medical National Neuromodulation 101 Fellows Program 2013
Chicago, IL
October 19 – 20, 2013

“Risk Mitigation and Complications”
St Jude Medical National Neuromodulation 101 Fellows Program 2013
Chicago, IL
October 19 – 20, 2013

“Healthcare and Social Media”
St Jude Medical National Neuromodulation 201 Fellows Program 2014
Dallas, TX
February 22 – 23, 2014

“Ethics in Pain Management”
Panel Speaker
St Jude Medical National Neuromodulation 201 Fellows Program 2014
Dallas, TX
February 22 – 23, 2014

“Understanding the Pain Market and SCS Positioning”
St Jude Medical National Neuromodulation 201 Fellows Program 2014
Dallas, TX
February 22 – 23, 2014

“My Most Challenging and Rewarding Case”
Panel Speaker
St Jude Medical National Neuromodulation 401 Fellows Program 2014
San Juan, Puerto Rico
June 19, 2014

“Managing Patient Expectations”
Panel Speaker
St Jude Medical National Neuromodulation 401 Fellows Program 2014
San Juan, Puerto Rico
June 19, 2014

“Ethics and Re-imburement of SCS”
Panel Speaker
St Jude Medical National Neuromodulation 401 Fellows Program 2014
San Juan, Puerto Rico
June 19, 2014

“Your First Implant”
Panel Speaker

St Jude Medical National Neuromodulation 401 Fellows Program 2014
San Juan, Puerto Rico
June 19, 2014

“How to Navigate Your First Year in Practice”
Panel Speaker
St Jude Medical National Neuromodulation 401 Fellows Program 2014
San Juan, Puerto Rico
June 19, 2014

“Applications in Knee Supra-scapular, Obturator, and Occipital
Radiofrequency Therapies”
New Applications in Radiofrequency Therapy
St Jude Medical
Las Vegas, NV
December 13, 2014

Live Presentation and Patient Injection for Upper Limb Spasticity
Allergan 2015 Neurosciences National Sales Meeting
Las Vegas, NV
February 26, 2015

St Jude Medical Product Development Lab
St Jude Medical
Plano, TX
April 26, 2015

“Radiofrequency Applications for Peripheral Nerves”
St Jude Medical
Riverside, CA
June 16, 2015

Upper Limb Spasticity Botox Live Program
“Upper Limb Spasticity: Diagnostic Techniques and Implementing
Botox Treatment”
Allergan Neurosciences
Reno, NV
June 29, 2015

Emerging Leader Summit
Medtronic, Inc
Miami, FL
September 11 - 13, 2015

Upper Limb Spasticity & Cervical Dystonia Botox Live Program
“Upper Limb Spasticity & Cervical Dystonia: Diagnostic Techniques

and Implementing Botox Treatment”
Allergan Neurosciences
Los Gatos, CA
September 24, 2015

Upper Limb Spasticity & Cervical Dystonia Botox Live Program
“Upper Limb Spasticity & Cervical Dystonia: Diagnostic Techniques
and Implementing Botox Treatment”
Allergan Neurosciences
Fresno, CA
December 9, 2015

Allergan 2016 Neurosciences National Sales Meeting
Cedar Creek, TX
February 23 - 24, 2016

Fundamentals of Implantable Pain Therapies - Faculty
“Transition to Practice”
Medtronic, Inc
Phoenix, AZ
February 28, 2016

Peripheral Nerve Stimulation/Ablation Ad Board
DRG Investigational Approaches
Medtronic, Inc
Sydney, Australia
March 18 – 19, 2016

DRG Faculty Training: Great Expectations 2016
St Jude Medical
Dallas, TX
April 1 – 3, 2016

Presentation on Pain Management
Nevada State Medical Association
Reno, NV
April 12, 2016

SJM DRG Education Course: Great Expectations 2016 - Faculty
St Jude Medical
Dallas, TX
May 21 – 22, 2016

Pain Fellows Leaders’ Summit - Faculty
Medtronic, Inc
Minneapolis, MN

June 3, 2016

St Jude Medical SCS, RF, and DRG Physician Assistant and Nurse
Practitioner Educational Symposium – Faculty

St Jude Medical

Phoenix, AZ

June 18, 2016

Axiom Neurostimulation System Education Program – Faculty

St Jude Medical

Dallas, TX

July 16 - 17, 2016

Opioids: What You Should Know About Pain Management and
Substance Abuse - Presenter

Nevada State Medical Association

Reno, NV

August 9, 2016

Fundamentals of Implantable Pain Therapies - Faculty

Medtronic, Inc

Long Beach, CA

September 10 – 11, 2016

Botox for Chronic Migraine Live Program

Allergan Neurosciences

Las Vegas, NV

September 29, 2016

Opioids: What You Should Know About Pain Management and
Substance Abuse - Presenter

Washoe County Medical Society

Reno, NV

October 18, 2016

Spinal Cord Stimulation Proctorship

Abbott Medical

Reno, NV

December 9, 2016

Botox for Chronic Migraine Live Program

Allergan Neurosciences

Reno, NV

December 15, 2016

Botox for Chronic Migraine Live Program

Allergan Neurosciences
Reno, NV
December 20, 2016

Opioids: What You Should Know About Pain Management and
Substance Abuse - Presenter
Carson Douglas Medical Society
Carson City, NV
January 25, 2017

Spinal Cord Stimulation Proctorship
Abbott Medical
Reno, NV
February 10, 2017

Axiom Neurostimulation System Physician Training: A Case Based
Learning Program – Faculty
Abbott Medical
Dallas, TX
February 11 – 12, 2017

Dorsal Root Ganglion Stimulation and Chronic Neuropathic Joint Pain –
Presenter
Barton Medical Center
South Lake Tahoe, CA
February 21, 2017

What is Pain Management - Presenter
Nevada Primary Care Association
Reno, NV
February 27, 2017

Botox for Chronic Migraine Live Program
Allergan Neurosciences
Las Vegas, NV
April 19, 2017

Botox for Chronic Migraine Live Program
Allergan Neurosciences
Las Vegas, NV
April 20, 2017

American Society of Interventional Pain Physicians
Topics In Neuromodulation Presentation – BurstDR Stimulation
Las Vegas, NV
April 21, 2017

Axiom Neurostimulation System Education Program – Faculty
Abbott Medical
Dallas, TX
May 6 – 7, 2017

“Right Therapy for the Right Patient”
Abbott Velocity Dinner Program
Sacramento, CA
May 18, 2017

Axiom Neurostimulation System Education Program – Faculty
Abbott Medical
Dallas, TX
June 10 – 11, 2017

Spinal Radiofrequency Ablation Proctorship
Abbott Medical
Reno, NV
July 17, 2017

Spinal Radiofrequency Ablation Proctorship
Abbott Medical
Reno, NV
July 14, 2017

Axiom Neurostimulation System Education Program – Faculty
Abbott Medical
Dallas, TX
July 16 – 17, 2017

Flowonix Advisory Board Meeting
Flowonix
Phoenix, AZ
August 4 – 6, 2017

Axiom Neurostimulation System Education Program – Faculty
Abbott Medical
Dallas, TX
August 12 - 13, 2017

Spinal Radiofrequency Ablation Proctorship
Abbott Medical
Reno, NV
September 15, 2017

“Right Therapy for the Right Patient”
Alliance Interventional Medical Summit 2017
Orlando, FL
November 4, 2017

Superior Proctor Training - Faculty
Vertiflex
Miami, FL
January 20 – 21, 2018

Superior Proctor Training - Faculty
Vertiflex
Dallas, TX
February 10 - 11, 2018

Botox for Chronic Migraine Live Program
Allergan Neurosciences
Las Vegas, NV
March 13, 2017

Spinal Cord Stimulation Proctorship
Abbott Medical
Reno, NV
November 10, 2017

Radiofrequency Ablation and Joint Pain - Presenter
Barton Medical Center
South Lake Tahoe, CA
November 14, 2017

Spinal Cord Stimulation and Chronic Neuropathic Pain - Presenter
Nevada Association of Nurse Practitioners Association
Reno, NV
November 14, 2017

Dorsal Root Ganglion Stimulation and Chronic Neuropathic Pain –
Presenter
Nevada Association of Nurse Practitioners Association
Reno, NV
February 13, 2018

BOTOX® for Upper & Lower Limb Spasticity - Proctorship
Allergan Neurosciences
Reno, NV
March 14, 2018

Superior Proctor Training - Faculty
Vertiflex
Dallas, TX
March 17 - 18, 2018

Spinal Cord Stimulation Proctorship
Abbott Medical
Reno, NV
March 23, 2018

BOTOX[®] for Upper & Lower Limb Spasticity - Proctorship
Allergan Neurosciences
Honolulu, HI
March 28, 2018

BOTOX[®] for Chronic Migraine - Proctorship
Allergan Neurosciences
Lihue, HI
March 30, 2018

Non-opioid Chronic Pain Treatments
Washoe County Medical Society Presentation
Reno, NV
April 17, 2018

BOTOX[®] for Chronic Migraine - Proctorship
Allergan Neurosciences
Napa, CA
May 23, 2018

Dorsal Root Ganglion Stimulation and Chronic Neuropathic Pain –
Presenter
Abbott Medical
Sacramento, CA
May 23, 2018

“Radiofrequency of the Spine”
Panel Speaker
West Virginia Society of Interventional Pain Physicians, Pain 2018
Miami, FL
June 1, 2018

“Discogenic Pain – What is the Best Solution”
Panel Speaker
West Virginia Society of Interventional Pain Physicians, Pain 2018
Miami, FL

June 2, 2018

Axiom Neurostimulation System Education Program – Faculty
Abbott Medical
Long Beach, CA
June 9 - 10, 2018

Axiom Neurostimulation System Education Program – Faculty
Abbott Medical
Dallas, TX
June 23 - 24, 2018

“Right Therapy for the Right Patient”
Abbott Medical
San Diego, CA
June 28, 2018

Doral Root and Spinal Cord Stimulation Proctorship
Abbott Medical
Reno, NV
July 27, 2018

“Right Therapy for the Right Patient”
Alliance Interventional Medical Summit 2018
Orlando, FL
July 28, 2018

Radiofrequency Ablation and Spinal Cord Stimulation Proctorship
Abbott Medical
Reno, NV
August 10, 2018

“Aim at the CGRP Receptor (CGRP-R) in Migraine Prevention”
Amgen Pharmaceuticals
Roseville, CA
September 6, 2018

Essentials in Endovenous Treatment of Superficial Venous Disease
Medtronic
Chicago, IL
September 15 – 16, 2018

“Right Therapy for the Right Patient”
Abbott Medical
Phoenix, AZ
September 28, 2018

“12 Steps for Proper Opioid Prescribing”
Echo Project – University Nevada Reno
Reno, NV
October 11, 2018

Radiofrequency Ablation, Dorsal Root and Spinal Cord Stimulation
Proctorship
Abbott Medical
Reno, NV
October 12, 2018

Axiom Neurostimulation System Education Program – Faculty
Abbott Medical
San Francisco, CA
October 13 - 14, 2018

“Aim at the CGRP Receptor (CGRP-R) in Migraine Prevention”
Amgen Pharmaceuticals
Reno, NV
October 24, 2018

Radiofrequency Ablation, Dorsal Root and Spinal Cord Stimulation
Proctorship
Abbott Medical
Reno, NV
October 26, 2018

Pain reduction and functional improvement after Posterior Approach SI
Stabilization and Fusion with specialized graft: A Case Series
Poster Presentation
CASIPP 9th Annual Conference
Santa Barbara, CA
November 2 - 4, 2018

“Increasing Your Presence and Marketing Pearls”
CASIPP 9th Annual Conference
Santa Barbara, CA
November 4, 2018

“To Burn Or Not To Burn: RFA vs Neurostimulation Options”
El Paso Pain Society Meeting - Abbott Medical
El Paso, TX
November 15, 2018

“Uniquely Investing in Advancing Neuromodulation”

Nevada Association of Nurse Practitioners Association
Reno, NV
December 11, 2018

Proclaim™ DRG Neurostimulation System Education Program –
Faculty
Abbott Medical
Salt Lake City, UT
January 12, 2019

Techniques in Neuromodulation: Percutaneous SCS and RF
Proctorship
Abbott Medical
Reno, NV
January 24 – 25, 2019

“Neurstimulation”
Advanced Practitioner Course on Neuromodulation - Faculty
Abbott Medical
Phoenix, AZ
February 2, 2019

“Redefining Chronic Pain Relief”
Advanced Practitioner Course on Neuromodulation - Faculty
Abbott Medical
Phoenix, AZ
February 2, 2019

“The Latest Data for Aimovig”
Amgen Pharmaceuticals
Sacramento, CA
February 5, 2019

“Role of Spinal Cord Stimulation and Target Drug Delivery for
Treatment of Chronic Pain”
University of Reno Nevada – Echo Project
Reno, NV
February 20, 2019

Posterior Sacroiliac Joint Fusion Program - Faculty
CornerLoc Medical
Spokane, WA
February 24, 2019

Posterior Sacroiliac Joint Fusion Program - Faculty
CornerLoc Medical

Orange County, CA
March 16, 2019

“HF10 Spinal Cord Stimulation Therapy: relief for painful diabetic peripheral neuropathy”
Northern Nevada Medical Center
April 2, 2019

“Emergency Room Opioid Protocols”
University of Reno Nevada – Echo Project
Reno, NV
May 1, 2019

“SCS and DRG Technology and Clinical Overview”
Abbott Medical
Anchorage, AK
May 6, 2019

“Dorsal Root Ganglion Stimulation and Chronic Neuropathic Joint Pain”
Abbott Medical
Anchorage Fracture and Orthopedic
Anchorage, AK
May 7, 2019

Proclaim™ DRG Neurostimulation System – Faculty
Abbott Medical
Dallas, TX
May 11, 2019

“The Latest Data for Aimovig”
Amgen Pharmaceuticals
Hood River, OR
May 16, 2019

“The Latest Data for Aimovig”
Amgen Pharmaceuticals
Corvallis, OR
May 16, 2019

Minimally Invasive Spine & MSK Neurotomy Workshop – Faculty
California Society of Interventional Pain Physicians
San Francisco, CA
June 8, 2019

Techniques in Neuromodulation: Percutaneous SCS and DRG
Proctorship

Abbott Medical
Reno, NV
June 14, 2019

“The Latest Data for Aimovig”
Amgen Pharmaceuticals
Sacramento, CA
June 26, 2019

“Treatment of the virgin back with neuromodulation” - Panel Presenter
American Society of Pain and Neurosciences (ASPN) and WVSIPP
Meeting
Miami Beach, FL
July 26, 2019

“Treatment of the virgin back with neuromodulation”
American Society of Pain and Neurosciences (ASPN) and WVSIPP
Meeting
Miami Beach, FL
July 26, 2019

“SI Joint Fusion Experiences with CornerLoc”
American Society of Pain and Neurosciences (ASPN) and WVSIPP
Meeting
CornerLoc Medical
Miami Beach, FL
July 27, 2019

” Spinal Cord Stimulation Debates: #1) Anatomical vs. Parathesia
Mapping #2) Awake vs. Asleep #3) Placement, Neuromonitoring
And Waveform Antibiotics
American Society of Pain and Neurosciences (ASPN) and WVSIPP
Meeting
Miami Beach, FL
July 27, 2019

Chronic Migraine Local Live: A Foundational Chronic Migraine
Treatment
Allergan Neurosciences
Chico, CA
August 7, 2019

Foundations in Neuromodulation for the Pain Management Fellow -
Faculty
Abbott Medical
Dallas, TX

August 11, 2019

“Pain Management in a General Medicine Setting” – Panel Presenter
Nevada Opioid Abuse Prevention Summit
Las Vegas, Nevada
August 14, 2019

Chronic Migraine Proctorship: A Foundational Chronic Migraine
Treatment
Allergan Neurosciences
Hidden Valley Lake, CA
September 10, 2019

“Pain Management Tools: Tools for your patients and your practice”
Nevada Board of Medicine Best Practice Guidelines
Reno, NV
September 22, 2019

“What is Pain Management: Appropriate Treatment for Pain”
Nevada Board of Medicine Best Practice Guidelines
Reno, NV
September 22, 2019

DRG New Implanter Training – Faculty
Abbott Medical
Dallas, TX
September 28, 2019

Chronic Migraine Preceptorship: A Foundational Chronic Migraine
Treatment
Allergan Neurosciences
Reno, NV
October 14, 2019

“Peristaltic versus Dual Valve Gated Technology”
Flowonix Medical
Chicago, IL
October 18, 2019

Flowonix Cadaver Lab – Faculty
Flowonix Medical
Chicago, IL
October 19, 2019

“Spinal Cord Stimulation and Limb Salvage”
University of Nevada

October 23, 2019

Cadaver Workshop – Faculty
Dorsal Root Ganglion Stimulation
California Society of Interventional Pain Physicians
Squaw Valley, Lake Tahoe, California
October 25, 2019

Advanced Practice Provider Course – Faculty
California Society of Interventional Pain Physicians
Squaw Valley, Lake Tahoe, California
October 25, 2019

“Advanced Interventional Techniques: Choosing the appropriate
Procedure”
California Society of Interventional Pain Physicians
Squaw Valley, Lake Tahoe, California
October 25, 2019

“Lumbar Spinal Stenosis with Neurogenic Claudication”
California Society of Interventional Pain Physicians
Squaw Valley, Lake Tahoe, California
October 26, 2019

“Spinal Cord Stimulation Therapy”
Topic in Neuromodulation
American Society of Regional Anesthesia and Pain Medicine Meeting
Abbott Medical
New Orleans, LA
November 15, 2019

“Increasing Your Presence and Marketing Pearls”
CASIPP 10th Annual Conference
Squaw Valley, Lake Tahoe, California
October 27, 2019

“The Latest Data for Aimovig”
Amgen Medical
Redding, CA
October 28, 2019

“CornerLoc: SI Joint Fusion for Pain Management”
AZSIPP/ASP Fall Dinner Meeting
Phoenix, AZ
October 29, 2019

Clinical Partners in Research Meeting
Abbott Medical
Phoenix, AZ
November 2, 2019

Posterior Sacroiliac Joint Fusion Program - Faculty
CornerLoc Medical
Denver, CO
November 3, 2019

Posterior Sacroiliac Joint Fusion Program - Faculty
CornerLoc Medical
Las Vegas, NV
November 22, 2019

Chronic Migraine Preceptorship: A Foundational Chronic Migraine
Treatment
Allergan Neurosciences
San Leandro, CA
December 3, 2019

Advanced Professional Development Courses

University of Southern Florida School of Medicine Clinical
Update: Botulinum Toxin Type A in the Treatment of
Back Pain and Muscle Spasm,
Minneapolis, MN.
August 23, 2003

University of Minnesota School of Medicine Neurotoxin
Injection Seminar
Minneapolis, MN.
February 12, 2005

American Academy of Physical Medicine and Rehabilitation
Annual Assembly Meeting
Philadelphia, PA.
October 27 – 29, 2005

Fifteenth Annual Mayo Clinic Symposium on Sports Medicine
Rochester, MN.
November 4 – 5, 2005

American Academy of Pain Medicine
Annual Assembly Meeting
San Diego, CA

February 22 – 25, 2006

Fundamentals of Diagnostic Musculoskeletal Ultrasound With
An In-Depth Focus on Shoulder Examination
American Academy of Physical Medicine and Rehabilitation
Annual Assembly Meeting
Honolulu, HI
November 8, 2006

American Academy of Physical Medicine and Rehabilitation
Annual Assembly Meeting
Honolulu, HI
November 9 – 12, 2006

American Academy of Physical Medicine and Rehabilitation
Billing and Coding Workshop
Boston, MA
September 25 – 26, 2007

American Academy of Physical Medicine and Rehabilitation
Annual Assembly Meeting
Boston, MA
September 27 – 30, 2007

International Spine Interventional Society
Annual Assembly Meeting
Las Vegas, NV
July 23 – 26, 2008

American Academy of Physical Medicine and Rehabilitation
Billing and Coding Workshop
San Diego, CA
November 18 – 19, 2008

American Academy of Physical Medicine and Rehabilitation
Annual Assembly Meeting
San Diego, CA
November 20 – 23, 2008

American Academy of Physical Medicine and Rehabilitation
Billing and Coding Workshop
Austin, TX
November 20 – 21, 2009

American Academy of Physical Medicine and Rehabilitation
Annual Assembly Meeting

Austin, TX
October 22 – 25, 2009

The 17th Napa Pain Conference
Napa, California
August 13 – 15, 2010

North American Neuromodulation Society
Annual Assembly Meeting
Las Vegas, NV
December 2 – 5, 2010

The 18th Napa Pain Conference
Napa, California
September 16 – 18, 2011

American Academy of Physical Medicine and Rehabilitation
Billing and Coding Workshop
Orlando, FL
November 15 – 16, 2012

American Academy of Physical Medicine and Rehabilitation
Annual Assembly Meeting
Orlando, FL
November 17 – 20, 2011

North American Neuromodulation Society
Annual Assembly Meeting
Las Vegas, NV
December 8 - 11, 2011

Society of Diagnostic Medical Sonography
Introduction to Musculoskeletal Ultrasound imaging
June 3, 2012

International Spine Interventional Society
Annual Assembly Meeting
Las Vegas, NV
July 17– 22, 2012

American Academy of Physical Medicine and Rehabilitation
Billing and Coding Workshop
Atlanta, GA
November 12 – 13, 2012

American Academy of Physical Medicine and Rehabilitation

Annual Assembly Meeting
Atlanta, GA
November 14 – 17, 2012

West Virginia Society of Interventional Pain Physicians
Pain, 2013
West Palm Beach, FL
July 11 -14, 2013

Allergan Neuroscience Speaker Training Meeting
Annual Speaker Training Meeting
San Diego, CA
February 7 – 9, 2014

West Virginia Society of Interventional Pain Physicians
Pain, 2014
San Juan, Puerto Rico
June 19 - 22, 2014

Society for Pain Practice Management
Billing, Coding, and Practice Management Course
San Diego, CA
August 13 - 14, 2014

Allergan Neuroscience Speaker Training Meeting
Annual Speaker Training Meeting
Dallas, TX
March 27 - 28, 2015

International Neuromodulation Society 12th World Congress
Bi-Annual Assembly Meeting
Montreal, Canada
June 7 - 11, 2015

16th Annual Pain Management Billing, Coding & Compliance
Summit
Decision Health
Las Vegas, NV
September 14 – 16, 2015

North American Neuromodulation Society
Annual Assembly Meeting
Las Vegas, NV
December 10 - 13, 2015

Allergan Neuroscience Speaker Training Meeting

Annual Speaker Training Meeting
Dallas, TX
January 22 - 23, 2016

West Virginia Society of Interventional Pain Physicians
Pain, 2016
Nassau, Bahamas
July 22 - 24, 2016

St Jude Medical Speaker Training Meeting
Phoenix, AZ
October 6 - 7, 2016

Becker's ASC 23rd Annual Meeting: The Business and
Operations of ASC's
Chicago, IL
October 27 - 29, 2016

Society for Pain Practice Management
Billing and Practice Management Course
Scottsdale, AZ
November 3 - 4, 2016

North American Neuromodulation Society
Annual Assembly Meeting
Las Vegas, NV
January 19 - 22, 2017

Abuse Deterrent Technology
A Case Based Learning Program for Interventional Pain
Specialists
San Francisco, CA
March 10 - 11, 2017

Allergan Neuroscience Speaker Training Meeting
Annual Speaker Training Meeting - Chronic Migraine
Denver, CO
April 7 - 8, 2017

International Neuromodulation Society 13th World Congress
Bi-Annual Assembly Meeting
Edinburgh, Scotland
May 27 - June 1, 2017

Allergan Neuroscience Speaker Training Meeting
Annual Speaker Training Meeting - Neuro Rehabilitation

Denver, CO
June 16 - 17, 2017

Vertiflex Superior Training Course
Dallas, Texas
July 8, 2017

2017 Advanced Specialty Coding, Compliance and
Reimbursement Symposium
Decision Health
Las Vegas, NV
October 2 - 4, 2017

Becker's ASC 24th Annual Meeting: The Business and
Operations of ASC's
Chicago, IL
October 26 - 28, 2017

North American Neuromodulation Society
Annual Assembly Meeting
Las Vegas, NV
January 11 - 14, 2018

Silex Sacroiliac Joint Fusion Cadaver Training Lab
Las Vegas, NV
March 3, 2018

Allergan Neuroscience Speaker Training Meeting
Annual Speaker Training Meeting - Chronic Migraine
Dallas, TX
March 23 - 24, 2018

CornerLoc Sacroiliac Joint Fusion Cadaver Training Lab
Tulsa, OK
April 21, 2018

The Intracept Procedure Cadaver Training Lab
Relievant Medsystems
Fort Worth, TX
May 19, 2018

Amgen and Novartis Neuroscience Speaker Training Webcast
Annual Speaker Training - Chronic Migraine
May 24, 2018

West Virginia Society of Interventional Pain Physicians

Pain, 2018
Miami, Florida
June 1- 3, 2018

Becker's ASC 25th Annual Meeting: The Business and
Operations of ASC's
Chicago, IL
October 18 – 20, 2018

California Society of Interventional Pain Physicians
9th Annual Conference
Santa Barbara, California
November 2 – 4, 2018

North American Neuromodulation Society
Annual Assembly Meeting
Las Vegas, NV
January 17 - 20, 2019

Allergan Neuroscience Speaker Training Meeting
Annual Speaker Training Meeting – Chronic Migraine
Dallas, TX
March 22 - 23, 2019

International Neuromodulation Society 14th World Congress
Bi-Annual Assembly Meeting
Sydney, Australia
May 25 – 30, 2019

The American Society of Pain and Neurosciences (ASPN)
Pain, 2019
Miami Beach, Florida
June 26 - 28, 2019

Nevada Opioid Abuse Prevention Summit
Las Vegas, Nevada
August 14 – 15, 2019

Napa Pain Conference
26th Annual
Napa, California
August 15 – 18, 2019

California Society of Interventional Pain Physicians
10th Annual Conference
Squaw Valley, Lake Tahoe, California

October 25 - 27, 2019