

Curriculum Vitae

Personal Data

Name: Denis G. Patterson, DO
Email: patterson@nvadvancedpain.com

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 – November 2021
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

Institution: Pacific Spine & Pain Society
Title: Board of Directors, Member
Dates: May 2020 – Present

Institution: Pacific Spine & Pain Society
Title: Board of Directors, Treasurer
Dates: September 2021 - Present

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** 2021 Northern Nevada Innovator of the Year by Nevada
Business Magazine
- 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
Ethos Laboratories June, 2021 - Present
Flowonix August, 2017 – Present
Lundbeck August, 2020 – Present
Pajunk Medical November 2021 - Present
Saluda September, 2018 – Present
Spark Biomedical June, 2020 – Present
Vertos Medical January 2020 – Present
Vivex Biologics March 2021 - 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: Abbott Medical, REALITY Sub-Study: External sensing for chronic pain therapy for patients with implanted spinal cord stimulation devices: Feasibility Study. The primary objective of this Sub-study is to determine the feasibility

of measuring physiologic and behavioral markers derived from smartwatch recordings to characterize patient experience from baseline to 6 months post-implant.

Principal Investigator: Abbott Medical, DISTINCT: Dorsal spinal cord Stimulation versus medical management for the treatment of low back pain. This study will compare Spinal Cord Stimulation using BurstDR™ to conventional medical management (CMM) for patients with non-surgical chronic low back pain.

Principal Investigator: Abbott Medical, ROSTRA: Real-World Outcomes Study on Subjects Treated with Radiofrequency Ablation. An international, prospective, non-randomized, single-arm, multi-center, observational, post-market study. The objective of this study is to collect real-world safety and effectiveness data on Abbott's IonicRF™ Generator and compatible accessories.

Principal Investigator: Evolve Restorative Center, PROSPER: A Post-market, Randomized, Controlled, Prospective Study Evaluating Intrathecal Morphine (IT) versus Conventional Medical Management (CMM) in the Non-cancer, Refractory, Chronic Pain Population (PROSPER).

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.

Principal Investigator: Saluda Medical Americas., ECAP Study: A prospective, multicenter, single-arm study examining ECAP-controlled, closed-loop stimulation with the Evoke Spinal Cord Stimulator System to treat patients with chronic pain of the trunk and/or limbs. Saluda Medical's neurostimulation system will be 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.

Original Publications in Peer Reviewed Journals

Steve J. Wisniewski, MD^a., Jay Smith, MD^b., Denis G. Patterson, DO,^c., Stephen W. Carmichael, PhD^d., Wojciech Pawlina, MD^e. **Ultrasound-guided versus Nonguided Tibiotalar Joint and Sinus Tarsi Injections: A Cadaveric Study.** PM&R Vol. 2, Issue 4, April 2010, Pages 277-281

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

Deer, T., Patterson, D., Baksh, J., Pope, J., Mehta, P., Raza, A., Agnesi, F., Chakravarthy, K. **Novel Intermittent Dosing Burst Paradigm in Spinal Cord Stimulation.** *Neuromodulation: Technology at the Neural Interface* Vol 23 (Issue 2), pages, 2020

Corey W. Hunter, MD., Jonathan Carlson, MD., Ajax Yang, MD., Denis Patterson, DO., Ben Lowry, MD., Pankaj Mehta, MD., Jeffery Rowe, MD., and Timothy Deer, MD. **BURST(able): A Retrospective, Multicenter Study Examining the Impact of Spinal Cord Stimulation with Burst on Pain and Opioid Consumption in the Setting of Salvage Treatment and “Upgrade”.** *Pain Physician* 2020; 23: E643-E658

Steven Falowski, MD., Dawood Sayed, MD., Jason Pope, MD., Denis Patterson, DO., Michael Fishman, MD., Mayank Gupta, MD., Pankaj Mehta, MD. **A Review and Algorithm in the Diagnosis and Treatment of Sacroiliac Joint Pain.** *Journal of Pain Research* 2020; 13: 3337–3348

Erika A. Petersen, MD; Thomas G. Stauss, MD; James A. Scowcroft, MD; Elizabeth S. Brooks, PhD; Judith L. White, MD; Shawn M. Sills, MD; Kasra Amirdelfan, MD; Maged N. Guirguis, MD; Jijun Xu, MD, PhD; Cong Yu, MD; Ali Nairizi, MD; Denis G. Patterson, DO; Kostandinos C. Tsoulfas, MD; Michael J. Creamer, DO; Vincent Galan, MD; Richard H. Bundschu, MD; Christopher A. Paul, MD; Neel D. Mehta, MD; Heejung Choi, MD; Dawood Sayed, MD; Shivanand P. Lad, MD, PhD; David J. DiBenedetto, MD; Khalid A. Sethi, MD; Johnathan H. Goree, MD; Matthew T. Bennett, MD; Nathan J. Harrison, MD; Atef F. Israel, MD; Paul Chang, MD; Paul W. Wu, MD; Gennady Gekht, MD; Charles E. Argoff, MD; Christian E. Nasr, MD; Rod S. Taylor, PhD; Jeyakumar Subbaroyan, PhD; Bradford E. Gliner, MS; David L. Caraway, MD, PhD; Nagy A. Mekhail, MD, PhD. **Effect of High-frequency (10-kHz) Spinal Cord Stimulation in Patients With Painful Diabetic Neuropathy: A Randomized Clinical Trial.** *Jamaneurol*.2021.0538

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

Superion 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

Superion 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

Axium 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

“CDC Guidelines For Prescribing Opioids For Chronic Pain”
University of Reno Nevada – Echo Project
Reno, NV
May 15, 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

“12 Step Program for Opioid Prescribing”
University of Reno Nevada – Echo Project
Reno, NV
June 5, 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

“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

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

“Peristaltic versus Dual Valve Gated Technology”
American Society of Pain and Neurosciences Cadaver Lab 2019
Flowonix Medical
Phoenix, AZ
December 6, 2019

“Patient Selection and Case Studies”
American Society of Pain and Neurosciences Cadaver Lab 2019
CornerLoc Medical
Phoenix, AZ
December 7, 2019

“Optimization of the BurstDr Stimulation Waveform”
Topic in Neuromodulation
American Society of Pain and Neurosciences Cadaver Lab 2019
Abbott Medical
Phoenix, AZ
December 7, 2019

“Interventional Pain Procedures”

University of Nevada at Reno
Reno, NV
January 15, 2020

“Improving Limb Salvage in Critical Limb Ischemia with Spinal Cord
Stimulation”
North American Neuromodulation Society
Annual Assembly Meeting
Las Vegas, NV
January 24, 2020

“Lower Your Dose, Raise Your Expectations”
Topics in Neuromodulation Dinner – Abbott Medical
North American Neuromodulation Society
Annual Assembly Meeting
Las Vegas, NV
January 24, 2020

“Innovations in Neuromodulation”
Abbott Medical
North American Neuromodulation Society
Annual Assembly Meeting
Las Vegas, NV
January 25, 2020

“UBRELVY: A New Acute Treatment Option for Migraine”
Allergan Neurosciences
Sacramento, CA
January 30, 2020

“UBRELVY: A New Acute Treatment Option for Migraine”
Allergan Neurosciences
Reno, NV
February 3, 2020

“Emergency Room Opioid Protocols”
University of Reno Nevada – Echo Project
Reno, NV
February 5, 2020

Techniques in Neuromodulation: Spinal Cord Stimulation Proctorship
Abbott Medical
Reno, NV
February 28, 2020

“UBRELVY: A New Acute Treatment Option for Migraine”
Allergan Neurosciences
Las Vegas, NV

March 4, 2020

Techniques in Neuromodulation: Dorsal Root Ganglion Proctorship
Abbott Medical
Reno, NV
March 6, 2020

Minimally Invasive Lumbar Decompression (MILD) Training – Course
Director
University of California at San Diego Medical Center
Vertos Medical
San Diego, CA
March 7, 2020

“Lumbar Spinal Stenosis and Treatment Options”
Northern Nevada Medical Center
Reno, NV
March 10, 2020

” BurstDR™ Stimulation and its Consistent Evidence of being a Novel
Waveform” – Panel Presentor
Abbott Medical
Webinar
March 25, 2020

Chronic Migraine Virtual Local Live: A Foundational Chronic Migraine
Treatment
Allergan Neurosciences
Webinar
April 14, 2020

“A Treatment Option for Chronic Pain from CRPS and Causalgia”
Abbott Medical
Webinar for the Reflex Sympathetic Dystrophy Syndrome Association
April 22, 2020

“BOLD Publication Talk Show” – Panel Presenter
Abbott Medical
Webinar
April 29, 2020

“12 Step Program for Opioid Prescribing”
University of Reno Nevada – Echo Project
Reno, NV
June 2, 2020

“UBRELVY: A New Acute Treatment Option for Migraine”

Allergan Neurosciences
Webinar
June 1, 2020

“SI Joint Dysfunction: A Webinar for Interventional Pain Physicians”
CornerLoc
Webinar
June 4, 2020

“UBRELVY: A New Acute Treatment Option for Migraine”
Allergan Neurosciences
Webinar
June 8, 2020

“Treatment of Sacroiliac Joint Disease”
Pacific Spine & Pain Society
Webinar
June 9, 2020

Sacroiliac joint pain and treatments: CornerLoc Proctorship
CornerLoc
Reno, NV
June 15, 2020

“Your Practice, Our Difference: Strategies to Grow Your Pain Practice”
- Panel Speaker (Webinar)
Abbott Medical
Reno, NV
June 23, 2020

Minimally Invasive Lumbar Decompression (MILD) Training – Course
Director
Vertos Medical
Denver, CO
July 11, 2020

“Pain Management and Alternatives to Managing Chronic Pain”
University Of Nevada, Reno School of Medicine
Reno, NV
July 21, 2020

“Chronic Migraine Local Live-BOTOX®: A First-Choice Treatment in
Chronic Migraine”
Allergan Neurosciences
Webinar
July 23, 2020

“Chronic Migraine Local Live-BOTOX®: A First-Choice Treatment in Chronic Migraine”

Allergan Neurosciences

Webinar

July 29, 2020

CornerLoc: Stabilization and Bone Healing in SI Joint Arthrodesis

American Society of Pain & Neuroscience Think Tank

Webinar

August 12, 2020

Vertos Medical: Redefining the MILD Procedure: Emerging

Techniques & Advancing the Treatment Algorithm

American Society of Pain & Neuroscience Think Tank

Webinar

August 18, 2020

Expanding Opportunities to Treat LSS Patients Earlier & More Often
with PILD

Pacific Spine & Pain Society

Webinar

September 2, 2020

“Interventional Pain Procedures”

University of Nevada at Reno

Reno, NV

September 10, 2020

The Evidence Basis for Dorsal Column Stimulation and Review of
NACC Guidelines

Pacific Spine & Pain Society 2020 Annual Meeting

San Diego, CA

September 12, 2020

Review of Percutaneous Direct Lumbar Decompression

Pacific Spine & Pain Society 2020 Annual Meeting

San Diego, CA

September 12, 2020

Digital Marketing Pearls

Pacific Spine & Pain Society 2020 Annual Meeting

San Diego, CA

September 12, 2020

“Spinal Cord and Dorsal Root Ganglion Stimulation”

Northern Nevada Medical Center
Reno, NV
September 15, 2020

“CDC Guidelines For Prescribing Opioids For Chronic Pain”
University of Nevada Reno – Echo Project
Reno, NV
September 16, 2020

“Powerful Migraine Prevention Starts Today”
Lundbeck Pharmaceutical
Reno, NV
September 18, 2020

“Minimally Invasive Sacroiliac Fusion: A Discussion on
Biomechanics, Technique, Patient Selection and Evidence”
American Society of Pain & Neuroscience Annual Meeting
Webinar
September 18, 2020

“Optimization of Pain Relief Utilizing Closed Loop Spinal Cord
Stimulation”
American Society of Pain & Neuroscience Annual Meeting
Webinar
September 19, 2020

“Stimulation of the Medial Branch Nerve for Restoration of the
Multifidus Muscle”
American Society of Pain & Neuroscience Annual Meeting
Webinar
September 19, 2020

Allergan Expert-On-Demand Program
Abbvie Pharmaceuticals
Webinar
September 22, 2020

“CDC Guidelines For Prescribing Opioids For Chronic Pain”
University of Nevada Reno – Echo Project
Reno, NV
September 23, 2020

“UBRELVY: A New Acute Treatment Option for Migraine”
Abbvie Pharmaceuticals
Webinar
September 24, 2020

“12 Step Program for Opioid Prescribing”
University of Nevada Reno– Echo Project
Reno, NV
October 7, 2020

“Common Office Pain Procedures”
University of Nevada Reno
Reno, NV
October 8, 2020

Interventional Pain Cadaver Lab – Proctor
World Academy of Pain Medicine United
San Francisco, CA
October 10, 2020

“12 Step Program for Opioid Prescribing”
University of Nevada Reno– Echo Project
Reno, NV
October 14, 2020

“Powerful Migraine Prevention Starts Today”
Lundbeck Pharmaceutical
Reno, NV
October 14, 2020

“Powerful Migraine Prevention Starts Today”
Lundbeck Pharmaceutical
Reno, NV
October 15, 2020

Chronic Migraine Local Live – Botox: A First-Choice Treatment in
Chronic Migraine
Webinar
Allergan Neurosciences
Portland, ME
October 16, 2020

Chronic Migraine – Expert on Demand
Webinar
Allergan Neurosciences
Reno, NV
October 20, 2020

UBRELVY: Acute Treatment Option for Migraine
Allergan Neurosciences

Reno, NV
October 22, 2020

UBRELVY: Acute Treatment Option for Migraine
Webinar
Allergan Neurosciences
Shingle Springs, CA
October 26, 2020

Chronic Migraine Local Live – Botox: A First-Choice Treatment in
Chronic Migraine
Allergan Neurosciences
Reno, NV
November 11, 2020

“Powerful Migraine Prevention Starts Today”
Lundbeck Pharmaceutical
Redlands, CA
November 16, 2020

mild® Procedure - Virtual Didactic Physician Training
Webinar
Vertos Medical
Reno, NV
November 17, 2020

Sacroiliac Joint Pain and Treatments: CornerLoc Proctorship
CornerLoc
Chico, CA
November 18, 2020

UBRELVY: Acute Treatment Option for Migraine
Allergan Neurosciences
Reno, NV
December 1, 2020

Chronic Migraine Local Live – Botox: A First-Choice Treatment in
Chronic Migraine
Allergan Neurosciences
Reno, NV
December 8, 2020

“Pain Management and Alternatives to Managing Chronic Pain”
University of Nevada Reno– Echo Project
Reno, NV
December 16, 2020

Chronic Migraine – Expert on Demand
Webinar
Allergan Neurosciences
Reno, NV
December 28, 2020

“To Prescribe or Not To Prescribe: Taking Over Controlled Substances
on New Patients”
University of Nevada Reno– Echo Project
Reno, NV
February 3, 2021

Chronic Migraine – Expert on Demand
Webinar
Allergan Neurosciences
Reno, NV
February 5, 2021

“Don’t Be a Passive Provider: Alternatives to Pain Management”
Webinar
University of Nevada, Reno – School Of Medicine
Reno, NV
February 7, 2021

Chronic Migraine Local Live – Botox: A First-Choice Treatment in
Chronic Migraine
Webinar
Allergan Neurosciences
Reno, NV
February 17, 2021

Chronic Migraine – Expert on Demand
Webinar
Allergan Neurosciences
Reno, NV
February 18, 2021

Chronic Migraine – Expert on Demand
Webinar
Allergan Neurosciences
Reno, NV
February 19, 2021

Chronic Migraine – Expert on Demand
Webinar

Allergan Neurosciences
Reno, NV
February 24, 2021

DRG New Implanter Training – Faculty
University of California at Davis
Abbott Medical
Davis, CA
February 27, 2021

Chronic Migraine – Expert on Demand
Webinar
Allergan Neurosciences
Reno, NV
March 1, 2021

Chronic Migraine Preceptorship: A Foundational Chronic Migraine
Treatment
Allergan Neurosciences
Reno, NV
March 29, 2021

Chronic Migraine – Expert on Demand
Webinar
Allergan Neurosciences
Reno, NV
March 30, 2021

Chronic Migraine – Expert on Demand
Webinar
Allergan Neurosciences
Reno, NV
April 1, 2021

“Achieving Safe, Rapid Opioid Tapering With Wearable
Neurostimulation”
National Webinar - Panelist
Spark Biomedical
April 1, 2021

“A Fine Line Between Pain Management and Addiction:
What You Need To Know”
Washoe County Medical Society – Webinar
Reno, NV
April 8, 2021

“Fundamentals of Closed-Loop SCS: Understanding the Role of
Variability in Activation on Mechanism of Action”
Pacific Spine & Pain Society – Cadaver Lab
Las Vegas, NV
April 10, 2021

“Powerful Migraine Prevention Starts Today”
Lundbeck Pharmaceutical
Sacramento, CA
April 22, 2021

Chronic Migraine Preceptorship: A Foundational Chronic Migraine
Treatment
Allergan Neurosciences
Reno, NV
April 28, 2021

Chronic Migraine – Expert on Demand
Webinar
Allergan Neurosciences
Reno, NV
April 30, 2021

Stanford Medicine Pain Symposium – Instructor
Stanford University and World Academy of Pain Medicine United
San Francisco, CA
May 1, 2021

“Migraines”
University of Nevada Reno– Echo Project
Reno, NV
May 5, 2021

MILD Procedure – Virtual Training
Vertos Medical
Reno, NV
May 5, 2021

“Pain and Aging”
University of Nevada Reno– Echo Project
Reno, NV
May 19, 2021

Chronic Migraine – Expert on Demand
Webinar
Allergan Neurosciences

Reno, NV
May 20, 2021

“Regenerative Intradiscal Therapies”
Pacific Spine and Pain Society (PSPS) Minimally Invasive
Spine and Regenerative Medicine Workshop
Seattle, WA
May 22, 2021

“Vertebral Compression Fracture Augmentation”
Pacific Spine and Pain Society (PSPS) Minimally Invasive
Spine and Regenerative Medicine Workshop
Seattle, WA
May 22, 2021

“The mild Procedure: Remove the Problem, Leave Nothing Behind”
Pacific Spine and Pain Society (PSPS) Minimally Invasive
Spine and Regenerative Medicine Workshop
Seattle, WA
May 22, 2021

“Powerful Migraine Prevention Starts Today”
Webinar
Lundbeck Pharmaceutical
Reno, NV
May 24, 2021

Chronic Migraine – Expert on Demand
Webinar
Allergan Neurosciences
Reno, NV
May 24, 2021

MILD Procedure Training – Physician to Physician training
Live Proctorship
Vertos Medical
Boise, ID
May 27, 2021

Chronic Migraine Local Live – Botox: A First-Choice Treatment in
Chronic Migraine
Webinar
Allergan Neurosciences
Reno, NV
June 4, 2021

“Introduction to Neuromodulation and Abbott Therapies”
Advanced Practice Practitioner Course Director
Abbott Medical
Scottsdale, AZ
June 5, 2021

Chronic Migraine – Expert on Demand
Webinar
Allergan Neurosciences
Reno, NV
June 8, 2021

“Migraine Myth Busters: Exploring the Role of Aimovig”
Webinar
Amgen Pharmaceuticals
Reno, NV
June 9, 2021

Multidisciplinary Pain Management – Moderator
Webinar
Pacific Spine and Pain Society
Reno, NV
June 15, 2021

“A Treatment Option for Chronic Pain from CRPS and Causalgia”
Webinar for the Reflex Sympathetic Dystrophy Syndrome Association
Abbott Medical
Reno, NV
June 17, 2021

UBRELVY: Acute Treatment Option for Migraine
Allergan Neurosciences
Reno, NV
June 29, 2021

Chronic Migraine – Expert on Demand
Webinar
Allergan Neurosciences
Reno, NV
July 8, 2021

“SI Fusion Patient Selection”
Webinar
Pacific Spine and Pain Society
Reno, NV
July 13, 2021

UBRELVY: Acute Treatment Option for Migraine
Allergan Neurosciences
Las Vegas, NV
July 14, 2021

UBRELVY: Acute Treatment Option for Migraine
Allergan Neurosciences
Las Vegas, NV
July 15, 2021

“SI Joint Fusion”
The American Society of Pain & Neuroscience Annual Meeting Lab
Miami, FL
July 22, 2021

“Innovations in Neuromodulation”
Abbott Medical
The American Society of Pain & Neuroscience Annual Meeting
Miami, FL
July 22, 2021

“Minimally Invasive Techniques for Lumbar Fusion: Current
Techniques : Facet fixation, pedicle screws, and interspinous
devices” – Panel Presenter
The American Society of Pain & Neuroscience Annual Meeting
Miami, FL
July 23, 2021

“Minimally Invasive Sacroiliac Fusion: A discussion on evidence and
optimal surgical approach” – Panel Presenter
The American Society of Pain & Neuroscience Annual Meeting
Miami, FL
July 23, 2021

“Remote Monitoring and Programming of Neuromodulation Devices”
– Panel Presenter
The American Society of Pain & Neuroscience Annual Meeting
Miami, FL
July 24, 2021

“Pain and Aging”
Webinar
Hello Health
Reno, NV
July 28, 2021

UBRELVY: Acute Treatment Option for Migraine
Webinar
Allergan Neurosciences
Las Vegas, NV
August 2, 2021

“Muscle Relaxants – A Misnomer?”
University of Nevada Reno– Echo Project
Reno, NV
August 4, 2021

“Pain Management and Treatment Alternatives”
Webinar
University of Nevada Reno Rural Hospital Program
August 17, 2021

“Opioid Management and The Twelve Steps to Proper Opioid
Prescribing”
Webinar
University of Nevada Reno Rural Hospital Program
August 24, 2021

“Opioid Risk Assessment Tools”
Webinar
University of Nevada Reno Rural Hospital Program
August 31, 2021

“Management of Acute vs Chronic Pain”
Webinar
University of Nevada Reno Rural Hospital Program
September 7, 2021

UBRELVY: Acute Treatment Option for Migraine
Allergan Neurosciences
Las Vegas, NV
August 17, 2021

“Recent Advancements in Lumbar Spinal Stenosis”
University of Nevada Reno– Echo Project
Reno, NV
August 18, 2021

UBRELVY: Acute Treatment Option for Migraine
Allergan Neurosciences
Reno, NV
August 23, 2021

UBRELVY: Acute Treatment Option for Migraine
Allergan Neurosciences
Reno, NV
August 24, 2021

MILD Procedure Training – Physician to Physician training
Live Proctorship
Vertos Medical
Sacramento, CA
August 26, 2021

“SI Fusion: Is it a Pain Procedure or Spine Procedure”
Webinar
Pacific Spine and Pain Society
September 16, 2021

MILD Procedure – Virtual Training
Vertos Medical
Reno, NV
September 22, 2021

Chronic Migraine – Expert on Demand
Webinar
Allergan Neurosciences
Reno, NV
September 23, 2021

Chronic Migraine Local Live – Botox: A First-Choice Treatment in
Chronic Migraine
Allergan Neurosciences
Folsom, CA
October 4, 2021

UBRELVY: Acute Treatment Option for Migraine
Allergan Neurosciences
Reno, NV
October 5, 2021

Chronic Migraine – Expert on Demand
Webinar
Allergan Neurosciences
Reno, NV
October 5, 2021

“Powerful Migraine Prevention Starts Today”
Webinar
Lundbeck Pharmaceutical
Reno, NV
October 7, 2021

DRG New Implanters Course – Faculty
Abbott Medical
Dallas, TX
October 9 – 10, 2021

“CDC Guidelines for Opiate Prescribing”
University of Nevada Reno– Echo Project
Reno, NV
October 13, 2021

“Treatment Innovations for Migraine Patients”
Allergan Neurosciences
Roseville, CA
October 14, 2021

“Treatment Innovations for Migraine Patients”
Allergan Neurosciences
Carson City, NV
October 20, 2021

“Treatment Innovations for Migraine Patients”
Allergan Neurosciences
Reno, NV
October 25, 2021

“12 Steps to Proper Opiate Prescribing”
University of Nevada Reno– Echo Project
Reno, NV
October 27, 2021

“Treatment Innovations for Migraine Patients”
Allergan Neurosciences
Reno, NV
October 27, 2021

MILD Procedure Training
Vertos Medical
Phoenix, AZ
October 30, 2021

“Opioid Weaning – What are My Options?”
University of Nevada Reno– Echo Project
Reno, NV
November 3, 2021

Fellows Introduction to Neuromodulation – Faculty
Abbott Medical
Austin, TX
November 6 -7, 2021

Chronic Migraine – Expert on Demand
Webinar
Allergan Neurosciences
Reno, NV
November 10, 2021

“Treatment Innovations for Migraine Patients”
Allergan Neurosciences
Lodi, CA
November 10, 2021

“Treatment Innovations for Migraine Patients”
Allergan Neurosciences
Carson City, NV
November 15, 2021

“Advancements in Treating Lumbar Degenerative Disc Disease”
University of Nevada Reno– Echo Project
Reno, NV
November 17, 2021

“Treatment Innovations for Migraine Patients”
Allergan Neurosciences
Reno, NV
November 18, 2021

Advanced Topics Neuromodulation Course – Faculty
Abbott Medical
Austin, TX
December 4 – 5, 2021

Chronic Migraine Preceptorship: A Foundational Chronic Migraine
Treatment
Allergan Neurosciences
Reno, NV
December 9, 2021

The American Society of Pain and Neurosciences (ASPN)
Innovation Summit Lab
MILD Procedure Proctor
Las Vegas, NV
January 7, 2022

“Unique Mechanism of Action for DRG Therapy”
North American Neuromodulation Society Annual Meeting
Abbott Medical
Orlando, FL
January 13, 2022

“Proven Superiority for DRG Therapy”
North American Neuromodulation Society Annual Meeting
Abbott Medical
Orlando, FL
January 13, 2022

“Restoring Neuromodulation Benefit for Waning SCS Therapy”
North American Neuromodulation Society Annual Meeting
Abbott Medical
Orlando, FL
January 13, 2022

“Objectively Measuring Patient Therapy Response”
North American Neuromodulation Society Annual Meeting
Abbott Medical
Orlando, FL
January 14, 2022

Topics in Neuromodulation Symposium - Speaker
North American Neuromodulation Society Annual Meeting
Abbott Medical
Orlando, FL
January 14, 2022

“REALITY Sub-study: Developing an Objective Pain Score for
Patients with Implanted Spinal Cord Stimulation”
North American Neuromodulation Society Annual Meeting 2022
Orlando, FL
January 15, 2022

Chronic Migraine Local Live – Botox: A First-Choice Treatment in
Chronic Migraine
Webinar

Allergan Neurosciences
Reno, NV
January 20, 2022

Techniques in Neuromodulation: Spinal Cord Stimulation Proctorship
Abbott Medical
Reno, NV
January 28, 2022

HER-MES Update – Aimovig Myth Busters
Amgen Pharmaceuticals
Reno, NV
January 31, 2022

“Pain Management and Alternatives to Managing Chronic Pain”
University of Nevada Reno– Echo Project
Reno, NV
February 2, 2022

“Role of Tramadol in Pain Management”
University of Nevada Reno– Echo Project
Reno, NV
February 16, 2022

MILD Procedure – Virtual Training
Vertos Medical
Reno, NV
February 16, 2022

Chronic Migraine – Expert on Demand
Webinar
Allergan Neurosciences
Reno, NV
February 17, 2022

Pacific Spine & Pain Society Neurostimulation Lab
Dorsal Root Ganglion Procedure Proctor
Scottsdale, AZ
February 19, 2022

AIS Pharmacy Experience (APEX) - Faculty
AIS Healthcare
Dallas, TX
February 26, 2022

“Treatment Innovations for Migraine Patients”

Allergan Neurosciences
Reno, NV
March 3, 2022

Aurora ZIP and SILO Cadaver Lab – Faculty
Aurora Spine
St George, UT
March 5, 2022

Chronic Migraine – Expert on Demand
Webinar
Allergan Neurosciences
Reno, NV
March 10, 2022

Chronic Migraine – Expert on Demand
Webinar
Allergan Neurosciences
Reno, NV
March 18, 2022

Chronic Migraine – Expert on Demand
Webinar
Allergan Neurosciences
Reno, NV
March 18, 2022

“Treatment Innovations for Migraine Patients”
Webinar
Allergan Neurosciences
Reno, NV
March 21, 2022

Chronic Migraine – Expert on Demand
Webinar
Allergan Neurosciences
Reno, NV
March 22, 2022

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
Relieva 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

AIS Advisory Board Meeting
AIS Healthcare
Dallas, TX
April 29, 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

AIH Advisory Board Meeting
AIH Healthcare
Dallas, TX
December 16, 2019

Ubrelvy Speaker Training
Allergan Neurosciences
Denver, CO
January 17 - 18, 2020

North American Neuromodulation Society
Annual Assembly Meeting
Las Vegas, NV
January 23 - 26, 2020

Society for Pain Practice Management
Billing, Coding, and Practice Management Course
Las Vegas, NV
February 20 - 22, 2020

AIH Advisory Board Meeting

Webinar
AIS Healthcare
Dallas, TX
April 27, 2020

ViaDisc Virtual Master's Certification Course
Vivex Medical
Reno, NV
June 16, 2020

Amgen and Novartis Neuroscience Speaker Training Webcast
Annual Speaker Training – Chronic Migraine
Reno, NV
June 18, 2020

Lundbeck Web Based Speaker Training
Lundbeck Pharmaceuticals
Reno, NV
August 22, 2020

Spinal Simplicity Minuteman System Cadaver Lab
Spinal Simplicity
Reno, NV
September 26, 2020

AIS Advisory Board Meeting
Webinar
AIS Healthcare
Reno, NV
October 4, 2020

Pain Management: Virtual Coding Summit
Webinar
Decision Health
Reno, NV
November 17 -19, 2020

Ubrelvy Speaker Training Webcast
Allergan Neurosciences
Reno, NV
January 8, 2021

Society for Pain Practice Management
Billing, Coding, and Practice Management Webcast
Reno, NV
January 20 - 22, 2021

SurGenTec Cadaveric Lab Training
SurGenTec
Tampa Bay, FL
February 13, 2021

Zip Bioskills Education Course
Aurora Pain Care
Dallas, TX
February 21-22, 2021

Amgen and Novartis Neuroscience Speaker Training Webcast
Annual Speaker Training – Chronic Migraine
Reno, NV
February 24, 2021

Allergan Neuroscience Speaker Training Webcast
Annual Speaker Training – Chronic Migraine
Reno, NV
March 19-20, 2021

Pacific Spine & Pain Society: Minimally Invasive Spine,
Neurotomy, and Neuromodulation Workshop
Las Vegas, NV
April 10, 2021

Biotronik – NRO Usability Lab
Biotronik Medical
Portland, OR
April 17, 2021

SpineJack Training Webinar
Stryker Medical
Reno, NV
May 3, 2021

Lundbeck Web Based Speaker Training
Lundbeck Pharmaceuticals
Reno, NV
May 8, 2020

Abbott DRG Advisory Board Meeting
Abbott Medical
Austin, TX
May 15 -16, 2021

Pacific Spine and Pain Society (PSPS) Minimally Invasive
Spine and Regenerative Medicine Workshop
Seattle, WA
May 22, 2021

AIS Advisory Board Meeting
Webinar
AIS Healthcare
Reno, NV
June 14, 2021

The American Society of Pain and Neurosciences (ASPN)
Pain, 2021
Miami Beach, Florida
July 22 - 25, 2021

Pacific Spine and Pain Society (PSPS) 2021 Annual Conference
Advanced Practice Practitioner Course Director
Las Vegas, NV
September 10, 2021

Pacific Spine and Pain Society (PSPS) 2021 Annual Conference
Las Vegas, NV
September 10 - 12, 2021

Ubrelvy and Atogepant Virtual Speaker Training
Abbvie Neurosciences
Reno, NV
October 8, 2021

ReActiv8 Physician Certification Program: Course 1 –
Clinical Application of ReActiv8
Webinar
Reno, NV
October 21, 2021

ReActiv8 Physician Certification Program: Course 2 –
Patient Profile Roundtable
Webinar
Reno, NV
October 12, 2021

ReActiv8 Physician Certification Program: Course 3 –
Cadaver Workshop
San Diego, CA
November 13, 2021

Amgen Neuroscience Speaker Training Webcast
Annual Speaker Training – Chronic Migraine
Reno, NV
December 16, 2021

The American Society of Pain and Neurosciences (ASPN)
Innovation Summit
Las Vegas, NV
January 7 - 8, 2022

North American Neuromodulation Society
Annual Assembly Meeting
Orlando, FL
January 13 – 16, 2022

Society for Pain Practice Management
Billing, Coding, and Practice Management Webcast
Reno, NV
January 19 - 21, 2022

Aurora SILO Training Cadaver Lab
Aurora Spine
Reno, NV
February 12, 2022

Pacific Spine & Pain Society Neurostimulation Lab
Scottsdale, AZ
February 19, 2022

AIS Advisory Board Meeting
AIS Healthcare
Dallas, TX
February 27, 2022