

Derron Keith Wilson, MD, FIPP

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EDUCATION

January 2004 – December 2004	Pain Management Fellowship Department of Anesthesiology Indiana University School of Medicine Indianapolis, Indiana 46202
July 1998 – July 2001	Anesthesiology Residency Department of Anesthesiology Indiana University School of Medicine Indianapolis, Indiana 46202
July 1996 - September 1997	Obstetrics and Gynecology Residency Department of Obstetrics and Gynecology Indiana University School of Medicine Indianapolis, Indiana 46202
August 1992 – June 1996	Doctor of Medicine Indiana University School of Medicine Indianapolis, Indiana 46202
August 1988 – May 1992	Bachelor of Science Purdue University Major: Biological Sciences West Lafayette, Indiana 47907

PROFESSIONAL EXPERIENCE

March 2024 – Present	Adjunct Assistant Professor in Weldon School of Biomedical Engineering Purdue University West Lafayette, IN 47907
January 2019 – Present	Clinical Assistant Professor for Marian University College of Osteopathic Medicine Indianapolis, IN 46222
December 2004 – Present	Director of Interventional Pain Management Goodman Campbell Brain & Spine Indianapolis, IN 46260

January 2010 – September 2019	Assistant Professor of Clinical Neurosurgery Department of Neurological Surgery Indiana University School of Medicine Indianapolis, Indiana 46202
July 2015 – Present	Vice-President Indiana American Society of Interventional Pain Physicians Paducah, KY 42001
July 2001 – December 2003	Director of Anesthesia Witham Medical Services Lebanon, Indiana 46052
January 2002 – December 2002	Vice-Chief of Surgery Witham Medical Services Lebanon, Indiana 46052

CONSULTING

Abbott
Saluda
Biotronik
Boston Scientific/Vertiflex, Inc.
Medical/Legal Consulting and Expert Witness

CURRENT FACULTY APPOINTMENTS

North American Neuromodulation Society (NANS)

- NANS Education Committee
- Co-Chair (Pain) Abstract Committee for the NANS 2025 Annual Meeting

International Neuromodulation Society (INS)

- INS Education & CME Committee
- INS Young Neuromodulators Committee

American Society of Pain & Neuroscience (ASPN)

- Board Member

SCIENTIFIC ACTIVITIES

Publications

Peer Reviewed Journals

James J. Yue MD DABPM, Christopher J. Gilligan MD, MBA, Steven Falowski MD, Jessica Jameson MD, Mehul J. Desai MD, MPH, Susan Moeschler MD, Julie Pilitsis MD, PhD, Robert Heros MD, Edward Tavel MD, Sayed Wahezi MD, Robert Funk MD, Patrick Buchanan MD, Anne Christopher MD, Jacqueline Weisbein DO, Denis Patterson DO, Robert Levy MD PhD, Ajay Antony MD, Nathan Miller MD, Keith Scarfo DO, Scott Kreiner MD, **Derron Wilson MD**, Chi Lim MD, Edward Braun MD, David Dickerson MD, Jonathan Duncan MD, Jijun Xu MD, Kenneth Candido MD,

Revised 2-22-2025

Ibrahim Mohab MD, Fishell Michael MD, Bram Blomme PhD, Udoka Okaro PhD, Timothy Deer MD., Surgical treatment of refractory low back pain using implanted BurstDR spinal cord stimulation (SCS) in a cohort of patients without options for corrective surgery: findings and results from the DISTINCT study, a prospective randomized multi-center-controlled trial, *North American Spine Society Journal (NASSJ)* (2024), doi: <https://doi.org/10.1016/j.xnsj.2024.100508>

Timothy Deer, Christopher Gilligan, Steven Falowski, Mehul Desai, Julie Pilitsis, Jessica Jameson, Susan Moeschler, Robert Heros, Edward Tavel, Anne Christopher, Denis Patterson, Sayed Wahezi, Jacqueline Weisbein, Ajay Antony, Robert Funk, Mohab Ibrahim, Chi Lim, **Derron Wilson**, Michael Fishell, Keith Scarfo, David Dickerson, Edward Braun, Patrick Buchanan, Robert M. Levy, Nathan Miller, Jonathan Duncan, Jijun Xu, Kenneth Candido, Scott Kreiner, Marie E. Fahey, James Yue; Treatment of Refractory Low Back Pain Using Passive Recharge Burst in Patients Without Options for Corrective Surgery: Findings and Results From the DISTINCT Study, a Prospective Randomized Multicenter Controlled Trial, *Neuromodulation: Technology at the Neural Interface*, 2023, ISSN 1094-7159, <https://doi.org/10.1016/j.neurom.2023.07.009>.

Patterson, D.G., **Wilson, D.**, Fishman, M.A. *et al.* Objective wearable measures correlate with self-reported chronic pain levels in people with spinal cord stimulation systems. *npj Digit. Med.* **6**, 146 (2023). <https://doi.org/10.1038/s41746-023-00892-x>

Heros, R., Patterson, D., Huygen, F., Skaribas, I., Schultz, D., **Wilson, D.**, Fishman, M., Falowski, S., Moore, G., Kallewaard, J., Dehghan, S., Kyani, A., Mansouri, M., Objective wearable measures and subjective questionnaires for predicting response to neurostimulation in people with chronic pain. *Bioelectronic Medicine* **9**, 13 (2023). <https://doi.org/10.1186/s42234-023-00115-4>

Deer, T., **Wilson, D.**, Schultz, D., Falowski, S., Tavel, E., Moore, G., Heros, R., Patterson, D., Fahey, M., Capobianco, R. and Anitescu, M. (2021), Ultra-Low Energy Cycled Burst Spinal Cord Stimulation Yields Robust Outcomes in Pain, Function, and Affective Domains: A Sub-analysis From Two Prospective, Multicenter, International Clinical Trials. *Neuromodulation: Technology at the Neural Interface*. doi:[10.1111/ner.13507](https://doi.org/10.1111/ner.13507)

Deer TR, Russo MA, Grider JS, Pope J, Rigoard P, Hagedorn JM, Naidu R, Patterson DG, **Wilson D**, Lubenow TR, Buvanendran A, Sheth SJ, Abdallah R, Knezevic NN, Schu S, Nijhuis H, Mehta P, Vallejo R, Shah JM, Harned ME, Jassal N, Gonzalez JM, Pittelkow TP, Patel S, Bojanic S, Chapman K, Strand N, Green AL, Pahapill P, Dario A, Piedimonte F, Levy RM. The Neurostimulation Appropriateness Consensus Committee (NACC): Recommendations for Surgical Technique for Spinal Cord Stimulation. *Neuromodulation*. 2022 Jan;25(1):1-34. doi: 10.1016/j.neurom.2021.10.015. PMID: 35041578.

Deer, T. R., Pope, J. E., Lamer, T. J., Grider, J. S., Provenzano, D. , Lubenow, T. R., FitzGerald, J. J., Hunter, C. , Falowski, S. , Sayed, D. , Baranidharan, G. , Patel, N. K., Davis, T. , Green, A. , Pajuelo, A. , Epstein, L. J., Harned, M. , Liem, L. , Christo, P. J., Chakravarthy, K. , Gilmore, C. , Huygen, F. , Lee, E. , Metha, P. , Nijhuis, H. , Patterson, D. G., Petersen, E. , Pilitsis, J. G., Rowe, J. J., Rupert, M. P., Skaribas, I. , Sweet, J. , Verrills, P. , **Wilson, D.** , Levy, R. M. and Mekhail, N. (2018), The Neuromodulation Appropriateness Consensus Committee on Best Practices for Dorsal Root Ganglion Stimulation. Neuromodulation: Technology at the Neural Interface. doi:[10.1111/ner.12845](https://doi.org/10.1111/ner.12845)

Deer, T. , Slavin, K. V., Amirdelfan, K. , North, R. B., Burton, A. W., Yearwood, T. L., Tavel, E. , Staats, P. , Falowski S. , Pope, J. , Justiz, R. , Fabi, A. Y., Taghva, A. , Paicius, R. , Houden, T. and **Wilson, D.** (2018), Success Using Neuromodulation With BURST (SUNBURST) Study: Results From a Prospective, Randomized Controlled Trial Using a Novel Burst Waveform. Neuromodulation: Technology at the Neural Interface, 21: 56-66. doi:[10.1111/ner.12698](https://doi.org/10.1111/ner.12698)

Moore DH, **Wilson DK**, Hurteau JA, Look KY, Stehman FB, Sutton GP. Gynecologic Cancers Metastatic to the Breast. Journal American College of Surgeons, 1998 Aug; 187(2):178-81.

Peer Reviewed Meeting Publications/Presentations/Abstracts

Derron Wilson, Steven Falowski, David Dickerson, Denis Patterson, Joacir Gracioli Cordeiro, Kiran Patel, Angel Boev, Yury Rabbitnikov, Ioannis Skaribas, Jacqueline Weisbein, Alexander Benison, Natalie Brill, Timothy Deer. Limb Survival in SCS Patients with Chronic Limb Threatening Ischemia: A US Payer Database Analysis. North American Neuromodulation Society Annual Meeting; Dolphin Hotel Convention Center; Orlando, FL; January 31, 2025

Steven Falowski, **Derron Wilson**, Robert Heros, Eric Cornidez, Jason Pope, Richard Brucker, Bjorn Carsten Schultheis, Denis Patterson, Hemant Kalia, Gregory Moore, Jan Vesper, Pankaj Metha, Thomas May, Juan Mora, Bram Blomme, David Shultz. Longitudinal Evaluation of Passive Recharge Burst Spinal Cord Stimulation in Patients with Chronic Intractable Pain. North American Neuromodulation Society Annual Meeting; Dolphin Hotel Convention Center; Orlando, FL; January 31, 2025

James North, Julio Paez, Aaron Calodney, Eric Loudermilk, Zachary McCormick, Julio Paez, Aaron Calodney, Eric Loudermilk, Zachary McCormick, Drew Trainor, John Noles, Michael Yang, Gregory Phillips, **Derron Wilson**, Steven Rosen, Maged Guirguis, Magdalena Anitescu, John Chatas, Daniel Pak, Joseph Atallah Binit Shah, Tim Leier, Anne Christopher, Daniel Kloster, Jeffrey Peacock, Suneil Jolly, Mitchell Engle, Lilly Chen, and Edward Goldberg. Evaluating SCS and Medical Management for Chronic Pain Without Prior Surgery: SOLIS RCT 24-Month Outcomes. North American Neuromodulation Society Annual Meeting; Dolphin Hotel Convention Center; Orlando, FL; January 31, 2025

James North, Julio Paez, Aaron Calodney, Eric Loudermilk, Zachary McCormick, Drew Trainor, John Noles, Michael Yang, Gregory Phillips, **Derron Wilson**, Steven Rosen, Maged Guirguis, Lilly Chen, ID: 307123 Evaluating SCS and Medical Management for Chronic Pain without Prior Surgery: 1-Year Outcomes (SOLIS RCT), Neuromodulation: Technology at the Neural Interface, Volume 27, Issue 7, Supplement, 2024, Page S172, ISSN 1094-7159, <https://doi.org/10.1016/j.neurom.2024.06.316>. (<https://www.sciencedirect.com/science/article/pii/S1094715924004471>)

Magdalena Anitescu, Eric Loudermilk, Drew Trainor, John Noles, Jennifer Lee, Sayed Wahezi, **Derron Wilson**, Ann Pan, ID: 308118 Prospective, Multicenter Outcomes Utilizing an SCS-System Designed to Engage Surround Inhibition Using Fast-Acting Sub-Perception Therapy, Neuromodulation: Technology at the Neural Interface, Volume 27, Issue 7, Supplement, 2024, Page S271, ISSN 1094-7159, <https://doi.org/10.1016/j.neurom.2024.06.474>. (<https://www.sciencedirect.com/science/article/pii/S1094715924006056>)

Timothy Deer, Chris Gillian, Steven Falowski, Jessica Jameson, Mehul Desai, Susan Moeschler, Julie Pilitis, Robert Heros, Sayed Wahezi, Patrick Buchanan, Anne Christopher, Jacqueline Weisbein, Denis Patterson, Ajay Antony, Nathan Miller, Michael Fishell, Keith Scarfo, **Derron Wilson**, Ted Braun, Robert Levy, David Dickerson, Udoka Omari, James Yue. Surgical Treatment of refractory low back pain using implanted BurstDR spinal cord stimulation (SCS) in a cohort of patients without options for corrective surgery: Results 24-months post-implant from the DISTINCT study. North American Neuromodulation Society Annual Meeting; Caesars Palace Convention Center; Las Vegas, NV; January 20, 2024

Rank Faltas, **Derron Wilson**, Anne Christopher, Nathan Miller, Jason Pope, Ajay Antony, Ioannis Skaribas, Vishwanath Sankarasubramanian, Soroush Dehghan, Streetharan Thankathuraipandian, Sakshi, Kulkarni, Bryce Lain, Aamna Ashanti, David Page. Offline Retrospective Assessment of a Change Point Detection Algorithm for Trigger Outreach in Chronic Pain Patients with a Neuromodulation System. North American Neuromodulation Society Annual Meeting; Caesars Palace Convention Center; Las Vegas, NV; January 20, 2024

James North, Julio Paez, Aaron Calodney, Eric Loudermilk, Zachary McCormick, Drew Trainor, John Noles, Michael Yang, Gregory Phillips, **Derron Wilson**, Steven Rosen, Magee Guirguis, Magdalena Anitescu, John Chatas, Daniel Pak, Joseph Atallah, Binit Shah, Tim Leier, Anne Christopher, Daniel Kloster, Jeffrey Peacock, Sunil Jolly, Mitchell Engle, Lilly Chen, Edward Goldberg. Evaluating SCS and Medical Management for Chronic Pain without Prior Surgery: 1 year Outcomes (SOLIS RCT); North American Neuromodulation Society Annual Meeting; Caesars Palace Convention Center; Las Vegas, NV; January 20, 2024

Timothy Deer, Jessica Jameson, Julie Pilitis, Christopher Gilligan, Sayed Wahezi, Denis Patterson, Ajay Antony, Nathan Miller, **Derron Wilson**, Marie Fahey, Steven Falowski. Passive Recharge Burst in CLBP Patients Without Options for Corrective Surgery; 12 Month Results from DISTINCT. Neuromodulation: Technology at the Neural Interface. 26. S92-93. 10.1016/j.neuron.2023.10.157

Magdalena Anitescu, Eric Loudermilk, Drew Trainor, John Noles, Jennifer Lee, Sayed Wahezi, **Derron Wilson**, Lilly Chen, Roshini Jain. Clinical Impact of a Novel Fast-Acting Sub-Perception SCS Therapy Engaging Surround Inhibition (FAST Prospective Study); Neuromodulation: Technology at the Neural Interface. 26. S87-S88. 10.1016/j.neuron.2023.10.150

James North, Julio Paez, Aaron Calodney, Eric Loudermilk, Zachary McCormick, Drew Trainor, John Noles, Michael Yang, Gregory Phillips, **Derron Wilson**, Steven Rosen, Maged Guirguis, Lilly Chen, Edward Goldberg. Comparing SCS and Coventional Medical Management in Patients with no Prior Back Surgery (SOLIS RCT). Neuromodulation: Technology at the Neural Interface. 26. S86. 10.1016/j.neuron.2023.10.148

Bjoern Carsten Schulthesis, David Schultz, Denis Patterson, Udy Okaro, Devyani Nanduri, **Derron Wilson**, Ioannis Skaribas. Spinal Cord Stimulation is Effective in Patients with Neck and Upper Limb Pain; Neuromodulation: Technology at the Neural Interface. 26. S36. 10.1016/j.neuron.2023.10.065.

Derron Wilson, Rano Faltas, Anne Christopher, Nathan Miller, Jason Pope, Ajay Antony, Parisa Sarikhani, Katie Frizzi, Anahita Kyani, David Page. Using Remote Monitoring to Track Comprehensive Measures of Patient Progress Throughout the Baseline, Trial and Permanent Implant Process and Beyond. American Society of Pain & Neuroscience Annual Meeting; Fontainebleau; Miami Beach, FL; July 15, 2023

Magdalena Anitescu, Eric Loudermilk, Drew Trainor, John Noles, Jennifer Lee, Sayed Wahezi, **Derron Wilson**, Lilly Chen, Roshini Jain. A Prospective, Multicenter Evaluation of Novel Fast-Acting Sub-perception-Based Spinal Cord Stimulation for Chronic Pain: FAST Study. American Society of Pain & Neuroscience Annual Meeting; Fontainebleau; Miami Beach, FL; July 15, 2023

Derron Wilson, Jonathan Hagedorn, Anne Christopher, Nathan Miller, Jason Pope, Ajay Antony, Paris's Sarikhani, Rohit Nair, Erika Ross, Sashi Kulkarni, Vishwanath Sankarasubramanian, Alexandra Doyle, Anahita Kyani, David Page. Sleep and Physical Activity From Wearable as Alternatives to Pain Scales Throughout the Trial-Through-Implant Journey; Neuromodulation: Technology at the Neural Interface. 26. S26. 10.1016/j.neuron.2023.04.219

Anne Christopher, **Derron Wilson**, Jonathan Hagedorn, Nathan Miller, Jason Pope, Ajay Antony, Katie Frizzi, Erika Ross, Alexandra Doyle, Aamna Ashanti Binesh Balasingh, Steetharan Thankathuraipandian, Anahit Kyani, David Page. Use of Artificial Intelligence and Personalized Messaging to Motivate Patient Engagement During the Neuromodulation Journey; Neuromodulation: Technology at the Neural Interface. 26. S6. 10.1016/j.neuron.2023.04.010

Denis Patterson, Michael Fishman, Gregory Moore, Ioannis Skaribas, Robert Heros, **Derron Wilson**, Soroush Dehghan, Erika Ross. Application of Wearable Data in Predicting Chronic Pain Patient's Response to Spinal Cord Stimulation; Neuromodulation: Technology at the Neural Interface. 26. S46-S47. 10.1016/j.neuron.2023.04.080

Magdalena Anitescu, Eric Loudermilk, Drew Trainor, John Noles, Jennifer Lee, Sayed Wahezi, **Derron Wilson**, Lilly Chen, Roshini Jain. Clinical Impact of a Novel Fast-Acting Sub-perception SCS Therapy Engaging Surround Inhibition (FAST Prospective Study). Neuromodulation: Technology at the Neural Interface. 26. S20. 10.1016/j.neuron.2023.04.033

Magdalena Anitescu, Eric Loudermilk, Drew Trainor, John Noles, Jennifer Lee, Sayed Wahezi, **Derron Wilson**, Lilly Chen, Roshini Jain. Clinical Impact of a Novel Fast-Acting Sub-perception SCS Therapy Engaging Surround Inhibition (FAST Prospective Study). North American Neuromodulation Society Annual Meeting; Caesars Palace Convention Center; Las Vegas, NV; January 13, 2023

James North, Julio Paez, Aaron Calodney, Eric Loudermilk, Zachary McCormick, Drew Trainor, John Noles, Michael Yang, Gregory Phillips, **Derron Wilson**, Steven Rosen, Maged Guirguis, Lilly Chen, Roshini Jain. Comparing SCS and Conventional Medical Management in Patients with No Prior Back Surgery (SOLIS RCT). North American Neuromodulation Society Annual Meeting; Caesars Palace Convention Center; Las Vegas, NV; January 13, 2023

Anne Christopher, **Derron Wilson**, Jonathan Hagedorn, Nathan Miller, Jason Pope, Ajay Anthony, Katie Frizzi, Erika Ross, Alexandra Doyle, Aamna Ahsan, Binesh Balasingh, Streetharan Thankathuraipandian, Anahita Kyani, David Page. Use of Artificial Intelligence and Personalized Messaging to Motivate Patient Engagement During the Neuromodulation Journey. North American Neuromodulation Society Annual Meeting; Caesars Palace Convention Center; Las Vegas, NV; January 13, 2023

Denis Patterson, Michael Fishman, Gregory Moore, Ioannis Skaribas, Robert Heros, **Derron Wilson**, Soroush Dehghan, Erika Ross. Application of Wearable Data in Predicting Chronic Pain Patient's Response to Spinal Cord Stimulation. North American Neuromodulation Society Annual Meeting; Caesars Palace Convention Center; Las Vegas, NV; January 13, 2023

Marie Fahey, Timothy Deer, Christopher Gilligan, Steven Falowski, Jessica Jameson, Mehul Desai, Susan Moeschler, Julie Plitisis, Robert Heros, Sayed Wahezi, Patrick Buchanan, Anne Christopher, Jacqueline Weisbein, Denis Patterson, Ajay Antony, Nathan Miller, Keith-Austin Scarfo, **Derron Wilson**, Ted Braun, David Dickerson, James Yue, Robert Levy. SCS in Patients Without Options for Corrective Surgery; Results from DISTINCT, a prospective RCT Trial. North American Neuromodulation Society Annual Meeting; Caesars Palace Convention Center; Las Vegas, NV; January 13, 2023

Denis G. Patterson, DO; Michael A. Fishman, MD; Gregory Moore, MD; Ioannis Skaribas, MD; Robert Heros, MD; **Derron Wilson, MD**; Soroush Dehghan, MSc; Erika Ross, PhD; Anahita Kyani, PhD. Predicting patient global health impression of change with spinal cord stimulation in chronic pain patients using digital biomarker. American Society of Pain and Neuroscience Annual Meeting; Lowes Hotel; Miami, FL; July 15, 2022

Derron Wilson, Björn Carsten Schultheis, Hemant Kalia, Michael Fishell, Bram Blomme, David Schultz. Passive Recharge Burst Cervical SCS is Safe and Effective Regardless of Prior Cervical Spine Surgery. North American Neuromodulation Society 25th Annual Meeting; Swan and Dolphin Resort; Orlando, FL; January 14, 2022

Denis Patterson, Michael Fishman, Gregory Moore, Ioannis Skaribas, Robert Heros, **Derron Wilson**, Erika K. Ross, and Anahita Kyani. REALITY Sub-study: Developing an Objective Pain Score for Patients With Implanted Spinal Cord Stimulation. North American Neuromodulation Society 25th Annual Meeting; Swan and Dolphin Resort; Orlando, FL; January 14, 2022
Slavin K, North R, Deer T, Staats P, Kim C, Tavel E, Amirdelfan K, Yearwood T, McLeod C, Phillips G, Houden T, Fabi A, Justiz R, **Wilson D**, Falowski S, Hutson C, Davis K. Sustained Pain Relief with Burst Stimulation: One-year Outcomes from the SUNBURST Study. American Society of Regional Anesthesia and Pain Medicine; 16th Annual Pain Medicine Meeting; November 16-18, 2017; Lake Buena Vista, Florida.

Wilson D, McCanna S, Potts E, Bryant K. Inadvertent Intrathecal Dorsal Root Ganglion Lead Placement Results in Temporary Monoplegia. International Neuromodulation Society 13th World Congress; May 27 – June 1, 2017; Edinburgh, Scotland, United Kingdom.

Tavel E, Kim C, Amirdelfan K, Yearwood T, Houden T, McLeod C, Fabi A, Justiz R, **Wilson D**, Falowski S, Diaz R, Davis K. Lower Amplitudes for Burst SCS Programming Associated with Improved Outcomes: SUNBURST Sub-Analysis. International Neuromodulation Society 13th World Congress; May 27 – June 1, 2017; Edinburgh, Scotland, United Kingdom.

Slavin K, North R, Deer T, Staats P, Kim C, Tavel E, Amirdelfan K, Yearwood T, McLeod C, Phillips G, Houden T, Fabi A, Justiz R, **Wilson D**, Falowski S, Davis K, Diaz R. Burst SCS Provided Sustained Pain Relief through 1 year: Long-term Outcomes from the SUNBURST Study. International Neuromodulation Society 13th World Congress; May 27 – June 1, 2017; Edinburgh, Scotland, United Kingdom.

Tavel E, Amirdelfan K, Phillips G, McLeod C, Falowski S, Justiz R, Fabi A, **Wilson D**, Fontenot H, Levy R. Programming Optimization Strategies for Burst May Improve Outcomes. North American Neuromodulation Society 21st Annual Meeting; 2017 Jan 13-16; Las Vegas, Nevada.

Textbook Contributions

How to Treat Low Back Pain - A Guide for Treating Causes of Low Back Pain for Physicians and APPs

Chapter 18: Dorsal column spinal cord stimulation (SCS)

Elsevier: ISBN: 978-0-443-15962-6

Current Research Contributions

A Prospective, Multicenter, Single-arm Study Evaluating the Clinical Utility of Neurophysiological Measurements of ECAP-controlled Closed-loop Spinal Cord Stimulation (SCS) to Guide Treatment of Patients With Chronic Pain of the Trunk and/or Limbs

[ClinicalTrials.gov Identifier: NCT06229470](https://clinicaltrials.gov/ct2/show/study/NCT06229470)

Study Start Date: April 2024

SCS as an Option for Chronic Low Back and/or Leg Pain Instead of Surgery (SOLIS)

ClinicalTrials.gov Identifier: NCT04676022

Study Start Date: March 2021

Paresthesia-Free Fast-Acting Subperception (FAST) Study (FAST)

ClinicalTrials.gov Identifier: NCT04618471

Study Start Date: July 2021

Spinal Cord Stimulation vs. Medical Management for Low Back Pain (DISTINCT)

ClinicalTrials.gov Identifier: NCT04479787

Study Start Date: May 2021

Long-Term Real-World Outcomes Study on Patients Implanted With a Neurostimulator (REALITY)

ClinicalTrials.gov Identifier: NCT03876054

Study Start Date: March 2019

Previous Research Contributions

TARGET: A Post-Approval Study to Evaluate Targeted SCS Spinal Cord Stimulation (SCS) Dorsal Root Ganglion (DRG) Stimulation for the Management of Moderate to Severe Chronic, Intractable, Pain of the Lower Limbs Due to CRPS Types I and II. Study Start Date: July 2016. Carlson J, Buchanan P, Perrizo N, Pope J, Girardi G, Esposito M, Lubenow T, **Wilson D**, Fishell M, Patterson D, Staats P, Hunter C, Lad N, Kapural L, Falowski S, Rowe J, Sharan A, Navalgund Y, Hutcheson K, Rupert M, Kroll P, Kikkeri N, Duarte L.

SUNBURST (Success Using Neuromodulation With BURST). Study Start of enrollment: December 2013 - Study Completion Date: January 2016; Fabi, A., Taghva, A., Burton, A., Edmiston, B., Center, C., Kneeland, C., Mcleod, C., Kim, C., **Wilson, D.**, Tavel, E., Grigsby, E., Moore, G., Vella, J., Pilitsis, J., Amirdelfan, K., Smith, P., Justiz, R., Falowski, S., Yearwood.

Restore™ Claims Characterization Study; Medtronic, Sub-Investigator; 2005

Conference Proceedings/Society Invited Lectures

University of Chicago – 10th Annual Chicago Pain Summit

Faculty

University of Chicago; Chicago, IL; February 22, 2025

North American Neuromodulation Society Annual Meeting

Co-Chair: Plenary Session IV – The Future is NOW: Late Breaking Science Updates

Dolphin Hotel Convention Center; Orlando, FL; February 1, 2025

North American Neuromodulation Society Annual Meeting

Pain Cadaver Lab Faculty - DRG

Dolphin Hotel Convention Center; Orlando, FL; January 30, 2025

American Society of Pain & Neuroscience (ASPN) Pain, Collaborative Pain Summit

Faculty – Fellow's Course

Grand Hyatt; Nashville, TN; Oct 12, 2024

Wisconsin Society of Interventional Pain Physicians, 2024 Meeting

Panelist – Advances in Peripheral Nerve Stimulation

Sonesta Milwaukee; Wauwatosa, WI; Aug 17, 2024

Wisconsin Society of Interventional Pain Physicians, 2024 Meeting

Moderator – Management of Painful Diabetic Neuropathy

Sonesta Milwaukee; Wauwatosa, WI; Aug 17, 2024

American Society of Pain & Neuroscience (ASPN), 2024 Meeting

Panelist – The Next Generation of Vertebral Augmentation

Fontainebleau; Miami, FL; July 13, 2024

American Society of Pain & Neuroscience (ASPN), 2024 Meeting

Panelist – The Ethical Issues Facing the Care of a Pain Patient
Fontainebleau; Miami, FL; July 14, 2024

American Society of Interventional Pain Physicians (ASIPP), 26th Annual Meeting

Panelist – Spinal Cord Stimulation – Current and Emerging Concepts
Hyatt Regency; Dallas, TX; April 4, 2024

American Society of Pain & Neuroscience (ASPN), 2023 Meeting

Panelist – Personalized SCS: AI, Closed Loop, Machine Learning, Personalized Waveforms
Fontainebleau; Miami, FL; July 15, 2023

American Society of Pain & Neuroscience (ASPN), 2023 Meeting

Moderator – How to Choose a Sacroiliac Fusion System: What Role Does Data Play?
Fontainebleau; Miami, FL; July 15, 2023

American Society of Pain & Neuroscience (ASPN), 2023 Meeting

Faculty - Master's Course (DRG Stimulation)
Fontainebleau; Miami, FL; July 14, 2023

Back Pain Without Surgery: Where Can We Use Neuromodulation?

North American Neuromodulation Society Annual Meeting
Caesars Palace Convention Center; Las Vegas, NV; January 13, 2023

Update on DRG and BURST

Midwest Societies of Interventional Pain Physicians
Palmer Hotel; Chicago, IL; November 12, 2022

Dorsal Root Ganglion Stimulation – Understanding DRG Targets and Theory

North American Neuromodulation Society National Webinar
Carmel, IN; July 20, 2022

American Society of Pain & Neuroscience (ASPN), 2022 Meeting

Moderator – Regenerative Medicine Abstract Presentation
Lowes Hotel; Miami, FL; July 15, 2022

American Society of Pain & Neuroscience (ASPN) Pain, Innovation Summit

Faculty - Master's Course
Lowes Hotel; Miami, FL; July 15, 2022

SCS and Spinal Cord GABAergic and Adrenergic Tone

North American Neuromodulation Society 25th Annual Meeting
Swan and Dolphin Resort; Orlando, FL; January 14, 2022

American Society of Pain & Neuroscience (ASPN) Pain, Innovation Summit

Faculty - Advanced Lab and Master's Course
Bellagio Resort; Las Vegas, NV; January 7, 2022

American Society of Pain & Neuroscience (ASPN) Pain, 2021 Meeting

Panel Member: Intraoperative Placement of Spinal Cord Stimulators:
Paresthesia Mapping, Anatomical and Neuromonitoring
Miami, FL: July 24, 2021

American Society of Pain & Neuroscience (ASPN) Pain, 2021 Meeting

Panel Member: The Role of Telemedicine in Pain Medicine
Miami, FL: July 25, 2021

American Society of Pain & Neuroscience (ASPN)

Superbowl of Debates

Topic: FAST Therapy and Surround Inhibition: Battle of paresthesia vs. non-
paresthesia on the dorsal column, is paresthesia dead?

Pro Paresthesia: Derron K. Wilson, MD, FIPP

Pro Non-Paresthesia: Michael Verdolin, MD

International Neuromodulation Society – Virtual Journal Club

Moderator

Carmel, IN; October 20, 2020

Treating Axial Back Pain with Neuromodulation

The American Society of Pain and Neuroscience 2020 Annual Meeting
Nashville, TN; September 19, 2020

BURST Spinal Cord Stimulation for the Treatment of Chronic Pain

The American Society of Pain and Neuroscience 2020 Annual Meeting
Nashville, TN; September 19, 2020

DRG Stimulation

NeuroCon 2020

William K. Nasser, MD, Healthcare Education and Simulation Center
Indianapolis, IN; August 21, 2020

Principles of Neuromodulation

NeuroCon 2019

William K. Nasser, MD, Healthcare Education and Simulation Center
Indianapolis, IN; September 27, 2019

The Role of the APP

North American Neuromodulation Society 22nd Annual Meeting

Advanced Practice Provider Course (PAs, NPs, Nurses): A to Z in
Neuromodulation

Caesar's Palace, Las Vegas, Nevada; January 17, 2019

Mock Trial

West Virginia Society of Interventional Pain Physicians, Annual Meeting,
Fontainebleau, Miami Beach, Florida; May 31–June 3, 2018

Sustained Pain Relief with Burst Stimulation: One-year Outcomes from the SUNBURST Study

American Society of Regional Anesthesia and Pain Medicine; 16th Annual Pain Medicine Meeting; November 16-18, 2017; Lake Buena Vista, Florida.

Mock Trial

West Virginia Society of Interventional Pain Physicians, Annual Meeting, Loews Miami Beach Hotel, Miami, Florida; July 2017

Burst SCS Provided Sustained Pain Relief through 1 year: Long-term Outcomes from the SUNBURST Study

International Neuromodulation Society 13th World Congress; May 27 – June 1, 2017; Edinburgh, Scotland, United Kingdom.

Inadvertent Intrathecal Dorsal Root Ganglion Lead Placement Results in Temporary Monoplegia

International Neuromodulation Society 13th World Congress; May 27 – June 1, 2017; Edinburgh, Scotland, United Kingdom.

Programming Optimization Strategies for Burst May Improve Outcomes

North American Neuromodulation Society 21st Annual Meeting; 2017 Jan 13-16; Las Vegas, Nevada.

Management of Chronic Pain: New Advances in Neuromodulation

National Pain Institute Regional Meeting
Citrus Club, Orlando, Florida; August 2016

Industry Invited Lectures

DRG Anchoring

Abbott Medical Fellow 301 – DRG Workshop
Chicago, IL: February 15, 2025

Saluda Educational Symposium

Saluda Medical
Columbus, OH: November 21, 2024

Procedural Considerations for Traditional DRG Approach

Abbott – Accelerator Program
Austin, TX: September 28, 2024

Understanding Chronic Neuropathic Pain & Neuromodulation

Abbott – Innovations in Neuromodulation For the APP
Indianapolis, IN: September 14, 2024

Principles of Patient Selection – Expanding Indications

Abbott – Innovations in Neuromodulation For the APP
Indianapolis, IN: September 14, 2024

The Abbott Portfolio

Abbott – Innovations in Neuromodulation For the APP
Indianapolis, IN: September 14, 2024

Case Study Workshop

Abbott – Innovations in Neuromodulation For the APP
Indianapolis, IN: September 14, 2024

Patient Education Workshop

Abbott – Innovations in Neuromodulation For the APP
Indianapolis, IN: September 14, 2024

The BurstDR Stimulation Advantage

Abbott – Techniques in Neuromodulation
Understanding the Percutaneous SCS Procedure
Toronto, Ontario: September 13, 2024

Eterna SCS System: Lasting Results. Less Charging

Abbott – Techniques in Neuromodulation
Understanding the Percutaneous SCS Procedure
Toronto, Ontario: September 13, 2024

Sacral Implant Technique

Abbott – Proclaim DRG Neurostimulation System
Toronto, Ontario: September 13, 2024

Anchoring for DRG

Abbott – Proclaim DRG Neurostimulation System
Toronto, Ontario: September 13, 2024

Patients Indicated for DRG

Abbott Accelerator Program – Module Two
Austin, TX: June 22, 2024

SCS for Diabetic Peripheral Neuropathy

Abbott Accelerator Program – Module One
Austin, TX: March 2, 2024

SCS for Diabetic Peripheral Neuropathy

Abbott Accelerator Program – Module One
Austin, TX: February 16, 2024

L4/5 and L5/S1 DRG Procedural Technique

Proclaim™ DRG Neurostimulation System Education Program
Rush University; Chicago, IL: February 10, 2024

Eterna™ SCS System: Lasting Results. Less Charging

North American Neuromodulation Society Annual Meeting
Lunch Symposium; Caesar's Palace, Las Vegas, NV: January 19, 2024

Eterna™ SCS System: Lasting Results. Less Charging

American Society of Pain and Neuroscience Meeting
Lunch Symposium; Fontainebleau, Miami, FL: July 15, 2023

SCS vs DRG

Abbott Fellows DRG New Implanter Training
Austin, TX: April 30, 2023

Addressing Market Challenges via Therapeutic Innovations

Abbott Accelerator Program / Module One
Austin, TX: March 5, 2023

Prospective DRG Candidates

New Implanters: Proclaim DRG Neurostimulation System Education Program
Pittsburg, PA: September 11, 2022

Spinal Cord Stimulation (SCS) vs Dorsal Root Ganglion Stimulation (DRG)

New Implanters: Proclaim DRG Neurostimulation System Education Program
Pittsburg, PA: September 10, 2022

SCS Procedural Overview

Coordinated Care Optimizing Outcomes for the Pain Patient
Austin, TX: July 23, 2022

Innovations in Digital Care – Neurosphere (Abbott)

Educational Dinner
Pittsburg, PA; June 10, 2022

SCS Procedural Overview

Coordinated Care Optimizing Outcomes for the Pain Patient
Austin, TX: June 4, 2022

DRG Patient Selection

Proclaim™ DRG Neurostimulation System Education Program
Austin, TX: March 5, 2022

SCS Procedural Overview

Fellows Intro to Neuromodulation (Abbott)
Austin, TX: November 6, 2021

Innovations in Digital Care – Neurosphere (Abbott)

Educational Dinner
Carmel, IN: October 27, 2021

WaveWriter Alpha™ Summit (Boston Scientific)

FAST MOA

Denver, CO; September 23, 2021

Radiofrequency for Chronic Pain

Advancements in Neuromodulation APP Course (Abbott)

Austin, TX; September 18, 2021

DRG Stimulation

Advancements in Neuromodulation APP Course (Abbott)

Austin, TX; September 18, 2021

Positioning Digital Health in a Neuromodulation Practice

Advancements in Neuromodulation APP Course (Abbott)

Austin, TX; September 18, 2021

American Society of Pain & Neuroscience (ASPN) Pain, 2021 Meeting

Product Theater: Boston Scientific Wavewriter Alpha and FAST

Miami, FL; July 24, 2021

American Society of Pain & Neuroscience (ASPN) Pain, 2021 Meeting

Educational Dinner: Abbott Neurosphere

Miami, FL; July 22, 2021

L4/5 and L5/S1 DRG Procedural Technique

Proclaim™ DRG Neurostimulation System Education Program

Detroit, MI; June 12, 2021

Right Patient/Right Therapy: DRG/BurstDR Case Studies

Educational Dinner; Eddie Merlot's

Bloomfield Hills, MI; June 11, 2021

New Sub-Perception Therapies: Contour™ Field Shaping and FAST™ MOA

Boston Scientific Wavewriter Alpha Innovation Summit

Miami, FL; May 15, 2021

Boston Scientific Virtual Educational Symposium

Success in a Clinical Practice Setting; August 26, 2020

Boston Scientific Virtual Educational Symposium

Creating Connections Through Partnership; September 2, 2020

Abbott – Radiofrequency Roundtable Webinar

Educational Event; May 27, 2020

Boston Scientific Virtual Summit Series

Part 1: Digital Tools to Connect & Drive Office Efficiency; April 28, 2020

Part 2: Part 2: Advanced Neuromodulation Techniques & Case Studies; April 29, 2020

Abbott's Innovations in Neuromodulation Dinner
Educational Dinner, The Palm (Caesar's Palace)
Las Vegas, NV; January 25, 2019

L4/5 and L5/S1 DRG Procedural Technique
Proclaim™ DRG Neurostimulation System Education Program
Cincinnati, OH; December 7, 2019

Introduction to DRG and Science of DRG
Proclaim™ DRG Neurostimulation System Education Program
Cincinnati, OH; December 7, 2019

Abbott Proclaim DRG Product Overview
Proclaim™ DRG Neurostimulation System Education Program
Cincinnati, OH; December 7, 2019

ACCURATE Study & Clinical Compendium
Proclaim™ DRG Neurostimulation System Education Program
Cincinnati, OH; December 7, 2019

Right Patient/Right Therapy: DRG
Proclaim™ DRG Neurostimulation System Education Program
Dallas, TX; October 26, 2019

Right Patient/Right Therapy: DRG/BurstDR Case Studies
Educational Dinner; Ruth Chris Steakhouse
Carmel, IN; October 4, 2019

Right Patient/Right Therapy: DRG/BurstDR Case Studies
North American Neuromodulation Society 21st Annual Meeting
Capital Grille, Las Vegas, Nevada; January 17, 2019

Right Patient/Right Therapy: DRG/BurstDR Case Studies
Proclaim™ DRG Neurostimulation System Education Program
Beverly, MA; January 13, 2019

Right Patient/Right Therapy: DRG/BurstDR Case Studies
Proclaim™ DRG Neurostimulation System Education Program
Hartford, CT; October 28, 2018

ACCURATE Study
Proclaim™ DRG Neurostimulation System Education Program
Hartford, CT; October 28, 2018

L4, L5 and S1 DRG Technique
Proclaim™ DRG Neurostimulation System Education Program
Hartford, CT; October 27, 2018

DRG Anatomy and DRG Science

Proclaim™ DRG Neurostimulation System Education Program
Hartford, CT; October 27, 2018

L4, L5 and S1 DRG Technique

Proclaim™ DRG Neurostimulation System Education Program
Sterling, VA; September 22, 2018

DRG Patient Management: Case Presentation

Axiom™ Neurostimulation System Regional Education Program
Dallas, TX; September 9, 2018

Spinal Cord Stimulation for the Management of Chronic Pain

Syracuse University Pain Management Fellows
Syracuse, NY; August 14, 2018

L4, L5 and S1 DRG Technique

Proclaim™ DRG Neurostimulation System Education Program
Maywood, IL; July 28, 2018

T10 – L3 DRG Technique

Proclaim™ DRG Neurostimulation System Education Program
Maywood, IL; July 28, 2018

Right Therapy, Right Patient

Proclaim™ DRG Neurostimulation System Education Program
Syracuse, NY; July 28, 2018

ACCURATE Study

Proclaim™ DRG Neurostimulation System Education Program
Syracuse, NY; July 28, 2018

T10 – L3 DRG Technique

Proclaim™ DRG Neurostimulation System Education Program
Syracuse, NY; July 28, 2018

L4, L5 and S1 DRG Technique

Proclaim™ DRG Neurostimulation System Education Program
Syracuse, NY; July 28, 2018

Right Therapy, Right Patient

North American Neuromodulation Society 21st Annual Meeting
Tao Restaurant, Las Vegas, Nevada; January 2018

ACCURATE Study

Axiom™ Neurostimulation System Regional Education Program
Portland, Oregon; September 2017

L4, L5 and S1 DRG Technique

Axiu™ Neurostimulation System Regional Education Program
Portland, Oregon; September 2017

DRG Patient Management

Axiu™ Neurostimulation System Regional Education Program
Portland, Oregon; September 2017

Spinal Cord Stimulation for the Management of Chronic Pain

Coalition of Advanced Practice Nurses of Indiana Meeting
Harry & Izzy's; Indianapolis, Indiana; September 2016

Advanced Topics in Neurostimulation Round Table

Faculty; St. Jude Medical
New York, New York; September 2011

Industry Invited Cadaveric Based Teaching Courses

Abbott Fellows 301 – Dorsal Root Ganglion Workshop

Faculty; Abbott
Chicago, IL: February 15, 2025

Abbott Accelerator Program – Module Three

Faculty; Abbott
Austin, TX: September 28, 2024

Abbott DRG Neurostimulation System Education Program

Faculty; Abbott
Toronto, Ontario: September 13, 2024

Techniques in Neuromodulation: Understanding the Percutaneous SCS Procedure

Faculty; Abbott
Toronto, Ontario: September 13, 2024

Abbott Accelerator Program – Module Two

Faculty; Abbott
Austin, TX: June 22, 2024

Abbott Coordinated Care

Faculty; Abbott
Austin, TX: April 27, 2024

Abbott Accelerator Program – Module One

Faculty; Abbott
Austin, TX: March 2, 2024

Abbott Accelerator Program – Module One

Faculty; Lab Director; Abbott
Austin, TX: February 17, 2024

Abbott Proclaim DRG Neurostimulation Education Program

Faculty; Rush University
Chicago, IL: February 10, 2024

Abbott Fellows DRG New Implanter Training

Faculty; Lab Director; Abbott
Austin, TX: April 30, 2023

Abbott Accelerator Program

Faculty; Abbott
Austin, TX: March 5, 2023

New Implanters: Proclaim DRG Neurostimulation System Education Program

Faculty; Abbott
Pittsburg, PA: September 10, 2022

Coordinated Care Optimizing Outcomes for the Pain Patient

Faculty; Abbott
Austin, TX: July 23, 2022

Coordinated Care Optimizing Outcomes for the Pain Patient

Faculty; Abbott
Austin, TX: June 4, 2022

Abbott Fellows Advanced Neuromodulation Program

Lab Director; Abbott
Austin, TX; April 3, 2022

Proclaim™ DRG Neurostimulation System Education Program

Lab Co-Director; Abbott
Austin, TX: March 5, 2022

Abbott Fellow Neuromodulation Program

Faculty; Abbott
Austin, TX; February 19, 2022

Abbott Fellows Introduction to Neuromodulation Program

Faculty; Abbott
Austin, TX; November 6, 2021

Proclaim™ DRG New Implanters Education Program

Faculty; Abbott
Austin, TX; October 16, 2021

Proclaim™ DRG Neurostimulation System Education Program

Faculty; Abbott
Detroit, MI; June 12, 2021

Spinal Cord Stimulation Procedural Skills Cadaver Lab

Faculty; Boston Scientific, JW Marriott
Indianapolis, IN; September 19, 2020

Proclaim™ DRG Neurostimulation System Education Program

Faculty; Abbott
Cincinnati, OH; December 7, 2019

Proclaim™ DRG Neurostimulation System Education Program

Faculty; Abbott
Dallas, TX; November 10, 2019

Proclaim™ DRG Neurostimulation System Education Program

Faculty; Abbott
Dallas, TX; October 26, 2019

Proclaim™ DRG Neurostimulation System Education Program

Faculty; Abbott
Carmel, IN; October 5, 2019

Proclaim™ DRG Neurostimulation System Education Program

Faculty; Abbott
Dallas, TX; May 11, 2019

Proclaim™ DRG Neurostimulation System Education Program

Faculty; Abbott
Chicago, IL; April 6-7, 2019

Proclaim™ DRG Neurostimulation System Education Program

Faculty; Abbott
Beverly, MA; January 13, 2019

Proclaim™ DRG Neurostimulation System Education Program

Faculty; Abbott
Boston, MA; January 12, 2019

Proclaim™ DRG Neurostimulation System Education Program

Faculty; Abbott
Hartford, CT; October 27-28, 2018

Proclaim™ DRG Neurostimulation System Education Program

Faculty; Abbott
Sterling, VA; September 22, 2018

Proclaim™ DRG Neurostimulation System Education Program

Faculty; Abbott
Dallas, TX; September 8, 2018

Proclaim™ DRG Neurostimulation System Education Program

Faculty; Abbott
Maywood, IL; July 28, 2018

Proclaim™ DRG Neurostimulation System Education Program

Faculty; Abbott
Philadelphia, PA; July 7, 2018

Proclaim™ DRG Neurostimulation System Education Program

Faculty; Abbott
Syracuse, NY; June 9, 2018

Proclaim™ DRG Neurostimulation System Education Program

Faculty; Abbott
Hicksville, NY; May 19, 2018

Proclaim™ DRG Neurostimulation System Education Program

Faculty; Abbott
Dallas, Texas; May 11, 2018

Axiom™ Neurostimulation System Regional Education Program

Faculty; Abbott/St. Jude Medical
Portland, Oregon; September 2017

Axiom™ Neurostimulation System Education Program

Faculty; Abbott/St. Jude Medical
Dallas, Texas; July 2017

Axiom™ Neurostimulation System Education Program

Faculty; Abbott/St. Jude Medical
Dallas, Texas; February 2017

Axiom™ Neurostimulation System Education Program

Faculty; Abbott/St. Jude Medical
Dallas, Texas; October 2016

Axiom™ Neurostimulation System Education Program

Faculty; Abbott/St. Jude Medical
Dallas, Texas; August 2016

Axiom™ Neurostimulation System Education Program

Faculty; Abbott/St. Jude Medical
Dallas, Texas; July 2016

Axiom™ Neurostimulation System Education Program

Faculty; Abbott/St. Jude Medical
Dallas, Texas; May 2016

Epiducer Training Course

Faculty; St. Jude Medical
Las Vegas, Nevada; December 2012

Epiducer Training Course

Faculty; St. Jude Medical
Plano, Texas; August 2012

Epiducer Training Course

Faculty; St. Jude Medical
Chicago, Illinois; April 2012

Independent Lectures

DRG Neuromodulation for Chronic Pelvic Pain

Urology of Indiana Department Meeting; 47 Prime
Carmel, IN; September 10, 2020

Neuromodulation

Grand Rounds, Department of Neurological Surgery, Indiana University
School of Medicine; Goodman Hall; Indianapolis, Indiana; April 2016

Spinal Cord Stimulation – Who is a Good Candidate?

Indiana University Health Spine for Primary Care Symposium;
Goodman Hall; Indianapolis, Indiana; July 2013

Low Back Pain

St. Vincent's Hospital Neuroscience Institute Lecture Series
Indianapolis, Indiana; February 2006

Practical Aspects of Radiofrequency Neurolysis

CRNA Pain Management Course, IPGE
Indianapolis, Indiana; January 2006

Breast as an Uncommon Metastatic Site of Gynecological Cancer

American College of Surgeons, Annual District Meeting
Indianapolis, Indiana 1997

CLINICAL ACTIVITIES

Medical Licensure

State of Indiana Health Professions Bureau • 01047150A
Drug Enforcement Administration License
National Provider Identification Number • 1780669267
ACLS Certified
BLS Certified
CITI Trained for St. Vincent's Hospital

Board Certification

American Board of Anesthesiology

- Diplomate of Anesthesiology
 - Specialty Certification in Anesthesiology, September 2006
 - Maintenance of Certification, December 2016
- Diplomate of Pain Medicine
 - Subspecialty Certification in Pain Medicine, September 2008
 - Maintenance of Certification, December 2018

World Institute of Pain

- Diplomate – Fellow of Interventional Pain Practice, August 2017

USMLE Step 1, May 1994
USMLE Step 2, October 1995
USMLE Step 3, November 1997

ORGANIZATIONAL ACTIVITIES

Professional Memberships and Societies

American Society of Interventional Pain Physicians
International Neuromodulation Society
North American Neuromodulation Society
World Institute of Pain
Spine Intervention Society
American Society of Pain & Neuroscience
American Society of Regional Anesthesia and Pain Medicine
American Society of Anesthesiology
American Academy of Pain Management
American Medical Association/ Indiana State Medical Association

Procedural Training

Superion™ Education Program (Proctor)

Vertiflex, Miami, Florida; January 2018

Axiom™ Neurostimulation System Education Program (Proctor)

Abbott/St. Jude Medical, Dallas, Texas; March 2016

St. Jude Medical Epiducer Course (Proctor)

Plano, Texas; August 2011

Kyphon/Medtronic Balloon Kyphoplasty and Vertebroplasty Course (Proctor)

Las Vegas, Nevada; March 2008

Spine Intervention Society Intensive Anatomy, Imaging & Injection Workshop

University of New England School of Medicine

Biddeford, Maine; April 2006

Spine Intervention Society Lumbar Workshop

San Francisco, California; January 2005

Spine Intervention Society Thoracic Workshop

Memphis, Tennessee; September 2005

ITB Therapy – Intrathecal Baclofen Therapy: Managing Severe Spasticity

Dallas, Texas; February 2005

RECOGNITION

Honors and Awards

Indianapolis Monthly Magazine Top Doctor	2024
America's Most Honored Doctors - Top 5%	2024
Indianapolis Monthly Magazine Top Doctor	2023
America's Most Honored Doctors - Top 5%	2023
Top Doctors, Castle Connolly	2023
Indianapolis Monthly Magazine Top Doctor	2022
America's Most Honored Doctors – Top 1%	2022
Indianapolis Monthly Magazine Top Doctor	2021
Regional Top Doctor, Castle Connolly	2021

America's Most Honored Doctors – Top 1%	2021
Indianapolis Monthly Magazine Top Doctor	2020
Regional Top Doctor, Castle Connolly	2020
America's Most Honored Doctors – Top 1%	2020
Patients' Choice 5 Year Honoree	2020
Compassionate Doctor 5 Year Honoree	2020
Regional Top Doctor, Castle Connolly	2019
On-Time Physician Award, Vitals	2019
Indianapolis Monthly Magazine Top Doctor	2018
America's Most Honored Professionals Top 1%	2018
Regional Top Doctor, Castle Connolly	2018
Patients' Choice Award, Vitals	2018
On-Time Physician Award, Vitals	2018
Compassionate Doctor, Vitals	2018
Indianapolis Monthly Magazine Top Doctor	2017
Regional Top Doctor, Castle Connolly	2017
Patients' Choice Award, Vitals	2017
Compassionate Doctor, Vitals	2017
America's Most Honored Professionals Top 5%	2017
Indianapolis Monthly Magazine Top Doctor	2016
Regional Top Doctor, Castle Connolly	2016
Patients' Choice Award, Vitals	2016
Compassionate Doctor, Vitals	2016
America's Most Honored Professionals Top 5%	2016

Indianapolis Monthly Magazine Top Doctor	2015
Top Doctor, Castle Connolly	2015
Compassionate Doctor, Vitals	2015
Top Doctor, Castle Connolly	2014
Patient's Choice, Vitals	2014
On-Time Physician, Vitals	2014
Patient's Choice 5 Year Honoree, Vitals	2012
Patient's Choice Award, Vitals	2012
Compassionate Doctor Award, Vitals	2012
Patient's Choice Award, Vitals	2011
Patient's Choice Award, Vitals	2010
Compassionate Doctor Award, Vitals	2010
Patient's Choice Award, Vitals	2009
Patient's Choice Award, Vitals	2008
Academic Honors; Indiana University School of Medicine; Ob/Gyn	1996
Academic Honors; Indiana University School of Medicine; Physiology	1996
Academic Honors; Indiana University School of Medicine; Internal Medicine	1996
Floyd T. Romberger, Jr., Teaching Award; Department of Ob/Gyn Indiana University School of Medicine	1996
Academic Honors; Indiana University School of Medicine; Pathology	1993
Academic Honors; Indiana University School of Medicine; Genetics	1993
Academic Honors; Indiana University School of Medicine; Neurobiology	1992
Academic Honors; Indiana University School of Medicine; Microbiology	1992