

Curriculum Vitae

Timothy T. Davis MD
Founder, CEO
Source Healthcare
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SPECIALTY

Physical Medicine and Rehabilitation and Interventional Pain Medicine - specializing in diagnosis and conservative management of spinal and musculoskeletal injuries as well as interventional pain management and electrodiagnostics. Special interest in Biologics and Stem Cell Therapy for Spine and Joint Injuries.

MEDICAL SCHOOL

1990-1996 University of Missouri-Kansas City, School of Medicine (six-year program), Kansas City, MO,
May 1996, degree: BA/MD

POSTGRADUATE TRAINING

1996-1997 General Surgery, Ochsner Medical Foundation, New Orleans, LA
1997-2000 Physical Medicine and Rehabilitation, UCLA/WLA VA, Los Angeles, CA
2000-2001 Post Graduate Training, The Spine Institute at St Johns Health Center

HOSPITAL APPOINTMENTS

- Providence, Saint Johns Health Center, Santa Monica, CA – Active
- Cedars Sinai Medical Center, Los Angeles, CA – Active
- Marina Del Rey Hospital, Marina Del Rey, CA - Active

PROFESSIONAL SOCIETIES

- American Society of Pain and Neuroscience
- American Academy of Physical Medicine and Rehabilitation
- North American Spine Society
- American Academy of Pain Medicine
- American Society of Neurophysiologic Monitoring
- North American Neuromodulation Society
- Spine Intervention Society
- California Society of Interventional Pain Physicians

LEADERSHIP POSITIONS

- Executive Committee, American Society of Pain and Neuroscience - 2017-Present
- Medical Executive Committee, Source Surgery Center – 2018-Present
- Advisory Board, Forever Labs – 2017-Present
- Advisory Board, Vivex Medical – 2017-Present
- Founder, Syncroplicity 2018-Present
- Clinical Advisory Board, Kolon Tissuegene – 2018-Present
- Founder, Source Healthcare - 2016-Present
- Founder, Source Surgery Center - 2016-Present
- Co-Editor, Biologics in Interventional Pain Atlas 2017-Present
- Advocacy Committee, North American Neuromodulation Society - 2017-Present
- Planning Committee, 24th Annual Napa Valley Pain Conference - 2017
- Planning Committee, 23rd Annual Napa Valley Pain Conference -2016

- Co-Editor, Regenerative Medicine Section, Interventional Pain Atlas - 2015-2017
- Medical Executive Committee, Broadway Surgical Institute - 2013-2018
- Board of Directors, Broadway Surgical Institute - 2013-2018
- Member, Spine Technology and IOM Focus Group, Providence Health System – 2012-Present
- Medical Director, Orthopedic Pain Specialists - 2012-2017
- Scientific Advisory Board, Mesoblast -2011-2013
- Founder, Physmed Associates Medical Group - 2009-Present
- Member, Providence, St Johns Spine Sub-Section Committee -2011-Present
- Vice Chairman, Board of Directors, American Board of Neurophysiologic Monitoring - 2011-2012
- Board of Directors, Spalding Surgery Center - 2010-2012
- Member, Spine Center of Excellence, Cedars Sinai, Hospital – 2009-2012
- Co-Chair, Spine Review Task Force, Cedars Sinai Medical Center 2009-2011
- Board of Directors, American Board of Neurophysiologic Monitoring 2009-2012
- Founder and Chief Executive Officer, Alpha Diagnostics - 2007-Present

LICENSURE AND CERTIFICATIONS

- Licensed – California State Medical Board
- Licensed – Texas State Medical Board
- Diplomat – National Board of Medical Examiners
- Diplomat – American Board of Physical Medicine and Rehabilitation
- Diplomat – American Board of Pain Medicine
- Diplomat – American Board of Neurophysiologic Monitoring
- Fellow – American Academy of Physical Medicine and Rehabilitation
- Supervisor/Operator – Fluoroscopy, State of California

MEDIA

1. “Knee pain relief without surgery” Davis TT, Stork T. The Doctors TV. Air Date Jan 24, 2017. <http://www.thedoctorstv.com/articles/3732-knee-pain-relief-without-surgery>
2. "Women on the Go, Keep Moving to Stay Strong" Davis TT. Providence, St Johns - Irene Dunne Guild – Think Pink Event. Jun 1, 2015. <https://youtu.be/aKLMKxCpsws>
3. “Samantha Cobb, Complex Regional Pain Syndrome strikes a former Gymnast” Davis TT, Stork T. The Doctors TV. Air Date May 13, 2015. <http://www.thedoctorstv.com/videos/hope-for-woman-with-chronic-pain-disorder>
4. “Bonnie Kate Zogbhi, survivor of the Aurora CO shooting” Davis TT, Stork T. The Doctors TV. <http://www.thedoctorstv.com/videos/shooting-victim-receives-nonsurgical-treatment-for-chronic-pain>
5. “Lou Ferrigno’s Plantar Fasciitis Treated with New Minimally Invasive Technology” Davis TT, Stork T. The Doctors TV. <http://www.thedoctorstv.com/videos/lou-ferrigno-fights-plantar-fasciitis>
6. “Beloved Bodybuilder and Actor Lou Ferrigno Credits Tenex Health TX(TM) for Getting Him Back on His Feet” Davis TT, Ferrigno L. Global Newswire Press Release, Nasdaq Jumbotron. Manhattan, NY. Sep 16, 2014 <http://globenewswire.com/news-release/2014/09/16/666265/10098735/en/Beloved-Bodybuilder-and-Actor-Lou-Ferrigno-Credits-Tenex-Health-TX-TM-for-Getting-Him-Back-on-His-Feet.html>
7. “National Chronic Pain Study Taking Place in Santa Monica” by Matthew Hall. Santa Monica Daily Press. Jul 2, 2014. <http://smdp.com/national-chronic-pain-study-place-santa-monica/140620>
8. “Lou Ferrigno’s Plantar Fasciitis Treated by Dr Tim Davis with The Tenex Device” Davis TT, Ferrigno L. Orthopedic Pain Specialists Channel, YouTube. Jun 11, 2014. <https://www.youtube.com/watch?v=xwPzSeq16xY>
9. “The ACCURATE Clinical Study for Chronic Leg Pain” by Denise Dador. KABC 7, Los Angeles May, 26 2014. <http://orthopaindocs.com/accurate-clinical-trial-kabc-news/>

10. "Non-Surgical Treatment for Osteoarthritis" Davis TT, Stork T. The Doctors TV. Apr 2014.
<http://www.thedoctorstv.com/videolib/init/11462>
11. "New Procedure to relieve Tennis Elbow" Davis TT, Stork T. The Doctors TV. Nov 2013.
<http://www.thedoctorstv.com/videolib/init/10332>
12. "Lumbar Plexus Anatomy within the Psoas Muscle: Implications for the Transpsoas Lateral Approach to the L4-5 Disc" **Davis TT**, Bae HW. Video Journal of Orthopaedics. Jun, 2012.
<http://www.vjortho.com/2012/06/lumbar-plexus-anatomy-within-the-psoas-muscle-implications-for-the-transpsoas-lateral-approach-to-the-l4-5-disc/>
13. "Stem Cells for Back Pain" Davis TT. The Doctors TV. Feb 2012.
<http://www.thedoctorstv.com/videolib/init/6388>
14. "Disc Protein Injection to Encourage Damaged Discs to Regrow" Davis TT, Bae HW. KTLA 5. Jun 6, 2009
<https://www.youtube.com/watch?v=HivBa1nAQB8&list=PLcXKKh4dfy1puua1dpkIFj5ujFKPkzTr9&index=2>

PUBLICATIONS

1. Hunter C, Davis TT, et al. Cooled Radiofrequency Ablation Treatment of the Genicular Nerves in the Treatment of Osteoarthritic Knee Pain: 18 and 24-Month Results. Pain Practice. PAPR12844 Nov 2019
2. Fadadu P, Hunter C, **Davis TT**. Review of Concentration Yields in Commercially Available Platelet Rich Plasma Systems: A Call for PRP Standardization. Reg Anesth and Pain Med. Apr 2019
3. **Davis TT**, et al. Twelve Month analgesia and rescue, by cooled radiofrequency ablation treatment of osteoarthritic knee pain: results from a prospective, multicenter, randomized, cross-over trial. Reg Anesth Pain Med. Feb 16 2019
4. Deer TR, Pope JE, Lamer TJ, **Davis TT**, et al. The Neuromodulation Appropriateness Consensus Committee on Best Practices for Dorsal Root Ganglion Stimulation: Appropriate Use of DRG Stimulation. Neuromodulation. Sep 2018
5. Hunter C, Sayed D, Lubenow T, **Davis TT**. et al. DRG FOCUS: A Multicenter Study Evaluating Dorsal Root Ganglion Stimulation and Predictors for Trial Success. Neuromodulation. Aug 2018
6. Desai MJ, **Davis TT**, et al. 6 and 12 Month results of a prospective, multi-center, randomized, trial comparing safety and effectiveness of cooled radiofrequency ablation to corticosteroid injection for management of osteoarthritic knee pain. Osteoarthritis and Cartilage 26:S312 Apr 2018
7. **Davis TT**, Kapural L, et al. A Prospective, Multi-center, Randomized, Clinical Trial Evaluating the Safety and Effectiveness of Using Coolief™ Pain Management Cooled Radiofrequency Probe to Create Lesions of the Genicular Nerves and Comparing Corticosteroid Injection in the Management of Knee Pain. Reg Anesth and Pain Med. Jan 2018.
8. Hunter C, Yang A, **Davis TT**. Selective Radiofrequency Stimulation of the Dorsal Root Ganglion (DRG) as a Method for Predicting Targets for Neuromodulation in Patients With Post Amputation Pain: A Case Series: Using RFA to Predict Targets For DRG Stimulation In Amputees. Neuromodulation, March 2017
9. Deer T, Levy R, **Davis TT**, et al. Accurate Clinical Study: Dorsal Root Ganglion Stimulation Yielded Higher Treatment Success Rate for CRPS and Causalgia at 3 and 12 Months: Randomized Comparative Trial. Pain. Dec 2016
10. **Davis TT**, Mejia DM, Fung DA, Liu J, Clark S, Daily D. Is the Lateral Jack-Knife Position Responsible for Cases of Transient Neuropraxia. J of Neurosurg Spine 2015

11. **Davis TT**, Fung D. A Novel Anchoring Technique for Permanent Spinal Cord Stimulation Placement: Case Series. Submitted for Publication.
12. Fung DA, Mejia DM, **Davis TT**. Retroperitoneal Oblique Window to the L2-S1 Intervertebral Discs in the Lateral Position: An MRI Study. *J of Neurosurg Spine* 2015
13. **Davis TT**, Tadlock S, Bernbeck J, Fung DA, Molinares DM. Can triggered electromyography be used to evaluate pedicle screw placement in hydroxyapatite-coated screws: an electrical examination. *J Clin Neurophysiol*. 2014 Apr;31(2):138-42.
14. **Davis TT**, Hynes R, Spann S, McMillan M, Kwon B, Liu J, Acosta F, Drochner T, Fung DA. Retroperitoneal Oblique Window to the L2-S1 Intervertebral Discs in the Lateral Position: An Anatomic Study. *J Neurosurg Spine*. 2014 Nov;21(5):785-93. doi: 10.3171/2014.7.SPINE13564. Epub 2014 Sep 12.
15. Raso LJ, Deer TR, Schocket SM, Chapman JA, Duarte LE, Justiz R, Amirdelfan K, Paicius RM, Navalgund YA, Girardi GE, Coleman NE, Verdolin M, Haider N, Rosen S, Netherton MD, Owens MC, Bennett MT, Rosenberg J, Jackson S, Nelson CL, **Davis TT**. Use of a Newly Developed Delivery Device for Percutaneous Introduction of Multiple Lead Configurations for Spinal Cord Stimulation. *Neuromodulation*. 2014 Jul;17(5):465-71;
16. Raso L, et al., **Davis TT**. Use of a Newly Developed Delivery Device for Percutaneous Introduction of Multiple Lead Configurations for Spinal Cord Stimulation. Submitted for Publication
17. Raso L, et al., **Davis TT**. Use of a Newly Developed Delivery Device for Percutaneous Introduction of Multiple Lead Configurations for Spinal Cord Stimulation. Submitted for Publication
18. Bae HW, Kanim L, Gupta N, Kropf M, Delamarter RB. Clinical Contributor **Davis TT**. Marked improvement in patients treated with vertebroplasty after painful osteoporotic compression fractures. *Spine* 2012
19. **Davis TT**, Schulz C. Dorsal Epidural Lipoma Resulting in Increased Impedance Measurements During Dorsal Column Stimulator Trial Placement: Case Study. *PM R*. 2013 Aug;5(8):729-31. Doi: 10.1016/j.pmr.2013.04.021. Epub 2013 Apr 30
20. **Davis TT**, Day T, Bae HW, Rasouli A. Femoral Neurogram to Assess the Course Prior to TransPsoas Spinal Access at the L4-5 Intervertebral Disc Space. *J Spinal Disord Tech*. 2013 Jul [Epub ahead of print].
21. **Davis TT**, Bae HW, Delamarter RB, Rasouli A. The Lumbar Plexus and The TransPsoas Approach to the Intervertebral Disc Space: A Cadaveric Study. *J Bone Joint Surg Am*. 2011 Aug 17;93(16):1482-7 doi: 10.2106/JBJSJ.00962
22. **Davis, T.T.**, Delamarter, R.B., Goldstein, T., IDET Procedure for Chronic Discogenic Low Back Pain. *Spine ISSLS Special Issue*. 2004 Apr 1; 29(7): 752-6
23. **Davis, T.T.**, Sra, P., Fuller, N., Bae, H.W., Intradiscal Thermal Therapies for Discogenic Low Back Pain: A Review. *Orthop Clin North Am*. 2003 Apr;34(2):255-62, vi.
24. **Davis, T.T.**, Manning, M.R., Jones, D.G.: Abstract: Sub acute Dens Fracture in a Professional Football Player: Case Study. *Medicine and Science in Sports and Exercise*, Jun 2000.

BOOK CHAPTERS

1. Beall D, Wagoner D, **Davis TT**, et al. New Biomaterials for Degenerative Disc Disease, In Press
2. Hunter C, **Davis TT**. Co-Editors. *Biologics in Interventional Pain Medicine, Interventional Pain Atlas*. Diwan S.
3. Fadadu P., Hunter C, **Davis TT**. Platelet Rich Plasma, Chapter 3. *Interventional Pain Atlas*. Diwan S. Deer T.

4. Fung DA, **Davis TT**. Interventional Therapies. Integrating Pain Treatment into Your Spine Practice. Falowski S, Pope J. Springer 2016
5. Fung DA, **Davis TT**. Biologic and Regenerative Therapies. Comprehensive Pain Management in the Rehabilitation Patient. Carayannopoulos A. Springer June 2017
6. Fung DA, Darling M, **Davis TT**. Pain in the Tendonopathy Rehabilitation Patient. Comprehensive Pain Management in the Rehabilitation Patient. Carayannopoulos A. Springer June 2017
7. Fung DA, **Davis TT**. Biologics and Regenerative Therapies. The Spine Handbook. Desai M. Oxford University Press. 2017
8. Fung DA, **Davis TT**. Injections of the Cervical Thoracic and Lumbar Spine. Surgical Approaches to the Spine, 3rd Edition, Editor R Watkins III. Springer Science+Business Media, New York 2015
9. **Davis TT**, Baron E, Anand N. Transpoas Neuromonitoring. By Loftus, Biller, and Baron. Intraoperative Neuromonitoring. McGraw Hill, New York, NY. 2012
10. Anand N, Baron EM, **Davis TT**. The Transpoas Approach for Thoracolumbar Interbody Fusion. Chapter 34, Spinal Surgery, Operative Techniques. 2nd Edition, By Vaccaro A, Baron EM. Elsevier Medical Publishing, Philadelphia 2012

PEER REVIEWED PRESENTATIONS

1. **Davis TT**. Viable Allograft for Intervertebral Disc Supplementation – Provisional Results VAST Trial. North American Neuromodulation Society. Las Vegas, NV Jan 7, 2020
2. **Davis TT**. Peripheral Nerve Stimulator Implantation Techniques. NYNJSIPP New York, NY. Aug 24, 2018
3. **Davis TT**. Dorsal Root Ganglion Stimulation: Cervical and Thoracic Off Label Applications. NYNJSIPP New York, NY. Aug 25, 2018
4. **Davis TT**, Fadadu P, Hunter C. Platelet Rich Plasma PRP Comparison: A Standardized Comparison of PRP for Multiple Blood Concentrations. Arnold Sports Festival - Recovery, Regeneration, and the Athlete. Columbus, OH. Mar 1, 2018
5. **Davis TT** Principal Investigator, Fung DA, Gerhardt M A Phase II, Double-Blind, Randomized, Controlled Study to Evaluate the Efficacy and Safety of JointStem, Autologous Adipose Tissue Derived Mesenchymal Stem Cells, in Treatment of Osteoarthritis. Ministry of Food and Drug Safety, Osongsaengmeyong, Republic of Korea Dec 18, 2017
6. **Davis TT** Principal Investigator, Fung DA, Gerhardt M A Phase II, Double-Blind, Randomized, Controlled Study to Evaluate the Efficacy and Safety of JointStem, Autologous Adipose Tissue Derived Mesenchymal Stem Cells, in Treatment of Osteoarthritis. Ministry of Food and Drug Safety, Tokyo, Japan Dec 20, 2017
7. **Davis TT**. The Future of Intradiscal Biologics. Cell Therapy Training Symposium. Austin, TX Oct 26-28, 2017
8. **Davis TT** Principal Investigator, Fung DA, Gerhardt M A Phase II, Double-Blind, Randomized, Controlled Study to Evaluate the Efficacy and Safety of JointStem, Autologous Adipose Tissue Derived Mesenchymal Stem Cells, in Treatment of Osteoarthritis. Cell Therapy Training Symposium. Austin, TX. Oct 26-28, 2017
9. **Davis TT**, Fadadu P, Hunter C. Platelet Rich Plasma PRP Comparison: A Standardized Comparison of PRP for Multiple Blood Concentrations. Cell Therapy Training Symposium. Austin, TX. Oct 26-28, 2017

10. **Davis TT** Principal Investigator, Fung DA, Gerhardt M A Phase II, Double-Blind, Randomized, Controlled Study to Evaluate the Efficacy and Safety of JointStem, Autologous Adipose Tissue Derived Mesenchymal Stem Cells, in Treatment of Osteoarthritis. 24th Annual Napa Pain Conference. Napa Valley, CA. Aug 17-20, 2017
11. **Davis TT**, Fadadu P, Hunter C. Platelet Rich Plasma PRP Comparison: A Standardized Comparison of PRP for Multiple Blood Concentrations. 24th Annual Napa Pain Conference. Napa Valley, CA. Aug 17-20, 2017
12. **Davis TT**, Kapural L, et al. A Prospective, Multi-center, Randomized, Clinical Trial Evaluating the Safety and Effectiveness of Using Coolief™ Pain Management Cooled Radiofrequency Probe to Create Lesions of the Genicular Nerves and Comparing Corticosteroid Injection in the Management of Knee Pain. 24th Annual Napa Pain Conference. Napa Valley, CA. Aug 17-20, 2017
13. **Davis TT** Principal Investigator, Fung DA, Gerhardt M A Phase II, Double-Blind, Randomized, Controlled Study to Evaluate the Efficacy and Safety of JointStem, Autologous Adipose Tissue Derived Mesenchymal Stem Cells, in Treatment of Osteoarthritis. Ministry of Food and Drug Safety, Osongsaengmeyong, Republic of Korea May 10, 2017
14. **Davis TT**, Kapural L, et al. A Prospective, Multi-center, Randomized, Clinical Trial Evaluating the Safety and Effectiveness of Using Coolief™ Pain Management Cooled Radiofrequency Probe to Create Lesions of the Genicular Nerves and Comparing Corticosteroid Injection in the Management of Knee Pain. 15th Annual Meeting Pain Medicine Meeting, American Society of Regional Anesthesia and Pain Medicine. San Diego, CA. Nov 17, 2016 "Best Paper" Award
15. **Davis TT**. The Minimally Invasive Oblique Retroperitoneal Surgical Approach to the Lumbar Spine for Interbody Fusions. The 23rd Annual Napa Pain Conference. Napa Valley, CA. Aug 27, 2016
16. **Davis TT**. Regenerative Medicine and Minimally Invasive Spine. Moderator. The 23rd Annual Napa Pain Conference. Napa Valley, CA. Aug 26, 2016
17. **Davis TT**. Intradiscal Biologics: Ten Years of Experience, The Good, The Bad, and The Ugly. Regenerative Interventional Orthopedics: The Next Frontier. Broomfield, CO Oct 23, 2015
18. **Davis TT**. Tendonitis and Treatments. 22nd Annual Napa Pain Conference. Napa Valley, CA. Aug 28, 2015
19. **Davis TT**. Discography, Does it have a Place in the Future of Spine Care, CON. 31st Annual Meeting American Academy of Pain Medicine. Washington D.C. Mar 20, 2015
20. **Davis TT**. Platelet Rich Plasma, Ready for Prime Time, PRO. 31st Annual Meeting American Academy of Pain Medicine. Washington D.C. Mar 20, 2015
21. **Davis TT**. Stem Cells, Ready for Prime Time, PRO. 31st Annual Meeting American Academy of Pain Medicine. Washington D.C. Mar 20, 2015
22. **Davis TT**, Mejia DM, Fung DA. Lateral Jack-Knife Position as a cause for Lumbar Plexus Neuropraxia. Podium Presentation. North American Spine Society. San Francisco, CA. Nov 14, 2014
23. **Davis TT**, Hynes R, Spann S, McMillan M, Kwon B, Liu J, Acosta F, Drochner T, Fung DA. Retroperitoneal Oblique Window to the L2-S1 Intervertebral Discs in the Lateral Position: A MRI Study. Podium Presentation. North American Spine Society. San Francisco, CA. Nov 12, 2014
24. **Davis TT**, Mejia DM, Fung DA. Lateral Jack-Knife Position as a cause for Lumbar Plexus Neuropraxia. International Spine Injection Society. Poster Presentation. Orlando, FL. Jul 30-Aug 3, 2014
25. **Davis TT**, Mejia DM, Fung DA. Lateral Jack-Knife Position as a cause for Lumbar Plexus Neuropraxia. International Society for the Advancement of Spine Surgery. Podium Presentation. Miami, FL. Apr 30-May 2, 2014

26. **Davis TT**, Olan W. Totalis™ Decompression System for Lumbar Spinal Stenosis. Centers for Medicare and Medicaid, Baltimore, MD Dec 4, 2013
27. Fung DA, Richeimer S, Carroll B, **Davis TT**. Lumbar Subcutaneous Peripheral Field Stimulation in Eleven Patients with Chronic Low Back Pain and/or Post Laminectomy Syndrome. American Academy of Physical Medicine and Rehabilitation, Annual Assembly. National Harbor, MD. Oct 3-6, 2013
28. **Davis TT**, Schulz C. Dorsal Epidural Lipoma Resulting in Increased Impedence Measurements During Dorsal Column Stimulator Trial Placement: Case Study. Podium Presentation. Napa Pain Conference. Napa, CA. Aug 23, 2013
29. Minimally Invasive Decompression of the Lumbar Spine; New Options for Interventional Pain Physicians. Podium Presentation. Napa Pain Conference. Napa, CA. Aug 23, 2013
30. **Davis TT**, Fung D. A Novel Anchoring Technique for Permanent Spinal Cord Stimulation Placement. Poster Presentation. Napa Pain Conference. Napa, CA. Aug 23, 2013
31. Fung DA, Richeimer S, Carroll B, **Davis TT**. Lumbar Subcutaneous Peripheral Field Stimulation in Eleven Patients with Chronic Low Back Pain and/or Post Laminectomy Syndrome. Poster Presentation. Napa Pain Conference. Napa, CA. Aug 23, 2013
32. **Davis TT**, Fung D. A Novel Anchoring Technique for Permanent Spinal Cord Stimulation Placement. Poster Presentation. Napa Pain Conference. Napa, CA. Aug 23, 2013
33. **Davis TT**, Hynes R, Spann S, McMillan M, Kwon B, Liu J, Acosta F, Drochner T, Fung DA. Retroperitoneal Oblique Window to the L2-S1 Intervertebral Discs in the Lateral Position: An Anatomic Study. Podium Presentation. NASS Summer Spine Meeting. Naples, Florida. Jul 31-Aug 3, 2013
34. Fung DA, Richeimer S, Carroll B, **Davis TT**. Lumbar Subcutaneous Peripheral Field Stimulation in Eleven Patients with Chronic Low Back Pain and/or Post Laminectomy Syndrome. Poster Presentation. International Spine Intervention Society. New York, NY. Jul 12-14, 2013
35. **Davis TT**, Fung D. A Novel Anchoring Technique for Permanent Spinal Cord Stimulation Placement. Poster Presentation. International Spine Intervention Society. New York, NY. Jul 12-14, 2013
36. **Davis TT**, Schulz C. Dorsal Epidural Lipoma Resulting in Increased Impedence Measurements During Dorsal Column Stimulator Trial Placement: Case Study. Podium Presentation. International Spine Intervention Society. New York, NY. Jul 14, 2013
37. Fung DA, Richeimer S, Carroll B, **Davis TT**. Lumbar Subcutaneous Peripheral Field Stimulation in Eleven Patients with Chronic Low Back Pain and/or Post Laminectomy Syndrome. Poster Presentation. PAIN 2013 Palm Beach, FL. Jul 12-14, 2013
38. **Davis TT**, Fung D. A Novel Anchoring Technique for Permanent Spinal Cord Stimulation Placement. Poster Presentation. PAIN 2013 Palm Beach, FL. Jul 12-14, 2013
39. **Davis TT**, Hynes R, Spann S, McMillan M, Kwon B, Liu J, Acosta F, Drochner T, Fung DA. Retroperitoneal Oblique Window to the L2-S1 Intervertebral Discs in the Lateral Position: An Anatomic Study. Poster Presentation. International Society for Study of the Lumbar Spine. Scottsdale, Arizona. May 13-17, 2013
40. **Davis TT**, Hynes R, Spann S, McMillan M, Kwon B, Liu J, Acosta F, Drochner T, Fung DA. Retroperitoneal Oblique Window to the L2-S1 Intervertebral Discs in the Lateral Position: An Anatomic Study. Podium Presentation. International Society for the Advancement of Spine Surgery. Vancouver, British Columbia. Apr 15, 2013
41. **Davis TT**. MILD: Prospective Studies of Efficacy and Safety. Podium Presentation. American Academy of Pain Medicine. Fort Lauderdale, FL. Apr 12, 2013

42. **Davis TT**, Fung D. A Novel Anchoring Technique for Permanent Spinal Cord Stimulation Placement. Poster Presentation. North American Neuromodulation Society, Annual Meeting. Las Vegas, NV. Dec 6-9, 2012
43. Schocket SM, Raso LJ, Deer TR, et al, **Davis TT**. Use of a Newly Developed Delivery Device for Percutaneous Introduction of Multiple Configurations of Spinal Cord Stimulation Leads. Poster Presentation. North American Neuromodulation Society, Annual Meeting. Las Vegas, NV. Dec 6-9, 2012
44. Deer TR, Raso LJ, Schocket SM, et al, **Davis TT**. Safety of a Newly Developed Delivery Device for Percutaneous Introduction of Multiple Configurations of Spinal Cord Stimulation Leads. Poster Presentation. North American Neuromodulation Society, Annual Meeting. Las Vegas, NV. Dec 6-9, 2012
45. **Davis TT**, Schulz C. Dorsal Epidural Lipoma Resulting in Increased Impedance Measurements During Dorsal Column Stimulator Trial Placement: Case Study. Poster Presentation. American Academy of Physical Medicine and Rehabilitation, Annual Assembly. Atlanta, GA. Nov 15-18, 2012
46. **Davis TT**, Schulz C. Dorsal Epidural Lipoma Resulting in Increased Impedance Measurements During Dorsal Column Stimulator Trial Placement: Case Study. Poster Presentation. International Society for the Advancement of Spine Surgery. Barcelona, Spain. Mar 20-23, 2012
47. **Davis TT**, Schulz C. Dorsal Epidural Lipoma Resulting in Increased Impedance Measurements During Dorsal Column Stimulator Trial Placement: Case Study. Poster Presentation. Association of Academic Physiatrists. Las Vegas, CA. Feb 28-Mar 3, 2012
48. **Davis TT**, Schulz C. Dorsal Epidural Lipoma Resulting in Increased Impedance Measurements During Dorsal Column Stimulator Trial Placement: Case Study. Poster Presentation. American Academy of Pain Medicine. Palm Springs, CA. Feb 23-26, 2012
49. **Davis TT**. E-prescribe Rules and Regulations. Podium Presentation. 11th Annual Symposium on Current Concepts in Spinal Disorders. Las Vegas, NV. Feb 4, 2012
50. **Davis TT**. EHR Meaningful Use Rules and Compliance. 11th Annual Symposium on Current Concepts in Spinal Disorders. Podium Presentation. Las Vegas, NV. Feb 2, 2012
51. **Davis TT**. Understanding Lumbar Plexus Anatomy, Electrophysiology and Staying out of Trouble. Podium Presentation. North American Spine Society, Chicago, IL. Nov 2, 2011
52. **Davis TT**. The Lumbar Plexus and the Transpsoas Approach, What Technicians Need to Know. Western Society of Electrodiagnostics Technologists. Podium Presentation. Pasadena, CA. Feb 16, 2011
53. **Davis TT**. The Lumbar Plexus and the Transpsoas Approach, A Neurophysiologic and Anatomic Review. Podium Presentation 10th Annual Symposium on Current Concepts in Spinal Disorders. Las Vegas, NV. Feb 4, 2011
54. **Davis TT**, Jones S, Bernbeck J, et al. Pedicle Screw Electrical Resistance: Hydroxyapatite Coated versus Non-Coated. Podium Presentation. Latin American Society for the Advancement of Spine Surgery. Cabo San Lucas, Mexico. Jun 16-18, 2010
55. **Davis TT**, et al. Femoral Neurogram to Assess the Course Prior to TransPsoas Spinal Access at the L4-5 Intervertebral Disc Space. Podium Presentation. Latin American Society for the Advancement of Spine Surgery. Cabo San Lucas, Mexico. Jun 16-18, 2010
56. **Davis TT**, et al. The Lumbosacral Plexus and The TransPsoas Approach to the Intervertebral Disc Space: A Cadaveric Study. Podium Presentation. Latin American Society for the Advancement of Spine Surgery. Cabo San Lucas, Mexico. Jun 16-18, 2010

57. **Davis TT**, Jones S, et al. Pedicle Screw Electrical Resistance: Hydroxyapatite Coated versus Non-Coated. Poster Presentation. American College of Spine Surgery. Newport, CA. Jun 10-12, 2010
58. **Davis TT**, et al. Femoral Neurogram to Assess the Course Prior to TransPsoas Spinal Access at the L4-5 Intervertebral Disc Space. Podium Presentation. American College of Spine Surgery. Newport, CA. Jun 10, 2010
59. **Davis TT**, et al. The Lumbosacral Plexus and The TransPsoas Approach to the Intervertebral Disc Space: A Cadaveric Study. Podium Presentation. American College of Spine Surgery. Newport, CA. Jun 10, 2010
60. **Davis TT**, Jones S, et al. Pedicle Screw Electrical Resistance: Hydroxyapatite Coated versus Non-Coated. Poster Presentation. American Association of Neurological Surgeons. Philadelphia, PA. May 1-5, 2010
61. **Davis TT**, et al. Femoral Neurogram to Assess the Course Prior to TransPsoas Spinal Access at the L4-5 Intervertebral Disc Space. Poster Presentation. American Association of Neurological Surgeons. Philadelphia, PA. May 1-5, 2010
62. **Davis TT**, et al. The Lumbosacral Plexus and The TransPsoas Approach to the Intervertebral Disc Space: A Cadaveric Study. Poster Presentation. American Association of Neurological Surgeons. Philadelphia, PA. May 1-5, 2010
63. **Davis TT**, et al. Femoral Neurogram to Assess the Course Prior to TransPsoas Spinal Access at the L4-5 Intervertebral Disc Space. Poster Presentation. Spine Arthroplasty Society. New Orleans, LA. Apr 27, 2010
64. **Davis TT**, et al. The Lumbosacral Plexus and The TransPsoas Approach to the Intervertebral Disc Space: A Cadaveric Study. Podium Presentation. Spine Arthroplasty Society. New Orleans, LA. Apr 27, 2010
65. **Davis TT**, et al. Pedicle Screw Electrical Resistance: Hydroxyapatite Coated versus Non-Coated. Poster Presentation. Spine Arthroplasty Society. New Orleans, LA. Apr 27, 2010
66. Bae HW, Kanim L, Gupta N, Kropf M, **Davis TT**, Delamarter RB. Marked improvement in patients treated with vertebroplasty after painful osteoporotic compression fractures. Santa Monica, CA. Special Poster Presentation. International Society for Study of the Lumbar Spine. Auckland, New Zealand. Apr 13, 2010
67. **Davis TT**, Bae HW, Delamarter RB, Rasouli A. The Lumbosacral Plexus and The TransPsoas Approach to the Intervertebral Disc Space, is there a "Safe Zone"? A Cadaveric Study. Podium Presentation. International Society for Study of the Lumbar Spine. Auckland, New Zealand. Apr 13, 2010
68. **Davis TT**, Bae HW, Delamarter RB, Rasouli A, King B. Femoral Neurogram to Assess the Course Prior to TransPsoas Spinal Access at the L4-5 Intervertebral Disc Space. Poster Presentation. International Society for Study of the Lumbar Spine. Auckland, New Zealand. Apr 13, 2010
69. Bae HW, Kanim L, Gupta N, Kropf M, **Davis TT**, Delamarter RB. Marked improvement in patients treated with vertebroplasty after painful osteoporotic compression fractures. Santa Monica, CA. Special Poster Presentation. International Society for Study of the Lumbar Spine. Auckland, New Zealand. Apr 14, 2010
70. **Davis TT**, Bae HW, Delamarter RB, Rasouli A. The Lumbosacral Plexus and The TransPsoas Approach to the Intervertebral Disc Space: A Cadaveric Study. Podium Presentation. American Academy of Orthopaedic Surgeons, New Orleans, LA. Mar 9, 2010.
71. **Davis TT**, Bae HW, Delamarter RB, Rasouli A, King B. Femoral Neurogram to Assess the Course Prior to TransPsoas Spinal Access at the L4-5 Intervertebral Disc Space. Poster Presentation. American Academy of Orthopaedic Surgeons, New Orleans, LA. Mar 9, 2010.

72. **Davis TT.** The Lumbar Plexus and the Transpsoas Approach, A Neurophysiologic and Anatomic Review. 9th Annual Symposium on Current Concepts in Spinal Disorders. Las Vegas, NV. Feb 5, 2010
73. **Davis TT,** Vatave A, Patla J, Bernbeck J, Delamarter BR, Bae HW. Pedicle Screw Electrical Resistance: Hydroxyapatite Coated versus Non-Coated. Poster Presentation. American Association of Neurological Surgeons. Orlando, FL. Feb 17-20, 2010
74. **Davis TT,** Bae HW, Delamarter RB, Rasouli A. The Lumbosacral Plexus and The TransPsoas Approach to the Intervertebral Disc Space: A Cadaveric Study. Best Paper Category Podium Presentation. North American Spine Society – Annual Assembly. San Francisco, CA. Nov 12, 2009
75. **Davis TT,** Bae HW, Delamarter RB, Rasouli A, King B. Femoral Neurogram to Assess the Course Prior to TransPsoas Spinal Access at the L4-5 Intervertebral Disc Space. Focused Paper Podium Presentation. North American Spine Society – Annual Assembly. San Francisco, CA. Nov 12, 2009
76. **Davis TT,** Bae HW, Delamarter RB, Rasouli A. The Lumbosacral Plexus and The TransPsoas Approach to the Intervertebral Disc Space: A Cadaveric Study. Spine Center Grand Round, Cedars Sinai. Los Angeles, CA. Nov 4, 2009
77. Bae HW, Kanim LEA, Kropf M, Delamarter RB. Radiographic Range of Motion is Related to Clinical Outcomes in Lumbar Artificial Disc Replacement Patients: One Site Analysis of 219 Patients with Minimum 2-year Follow-up USA FDA IDE Study. Podium Presentation by **Davis TT.** North American Spine Society, Spine Across The Sea. Kapalua, HI. Jul, 30 2009
78. Bae HW, Zao L, Kanim LE, Zhu D, Pradhan B, Wang J, Delamarter RB. Variability Among 10 Production Lots of a Single Demineralized Bone Matrix Product. Podium Presentation by **Davis TT.** Western Orthopaedic Society. Kapalua, HI. Jul 27, 2008
79. Bae HW, Kim K, Delamarter RB, Babbitz J. Mobi-C Cervical Disc Replacement: Early Results for two centers in the Multicenter FDA Clinical Trial. Podium Presentation by **Davis TT.** Western Orthopaedic Society. Kapalua, HI. Jul 27, 2008
80. **Davis TT,** Bae HW, Sikorsky M, Fischgrund J. A Phase 1 Safety Study of Intradiscal Osteogenic Protein-1 Injection in Patients with Lumbar Degenerative Disk Disease. Poster Presentation, American Academy of Physical Medicine and Rehabilitation. Boston, MS. Sep 27-30, 2007
81. **Davis, TT,** Delamarter RB, Goldstein T. The IDET Procedure for Discogenic Low Back Pain. Podium Presentation, International Society for the Study of the Lumbar Spine. Cleveland, OH. May 2002.
82. **Davis, TT,** Delamarter RB, Goldstein T. The IDET Procedure for Discogenic Low Back Pain. Podium Presentation, American Academy of Orthopaedics Surgeons. Dallas, TX. Feb 2002.
83. **Davis, TT,** Delamarter RB, Goldstein T. The IDET Procedure for Discogenic Low Back Pain. Podium Presentation, North American Spine Society, Seattle, WA. Nov 2001.
84. **Davis, TT,** Manning, M.R., Jones, D.G.: Sub acute Dens Fracture in a Professional Football Player: Case Study. Podium Presentation. The American College of Sports Medicine, Indianapolis, IN. May 2000.
85. **Davis, TT,** UCLA Department of PM&R. Center of Mass Analysis in Diabetics with Peripheral Neuropathy and Trans-tibial Amputations. Presented at UCLA PM&R Research Days Los Angeles, CA. May 20, 1999.

RESEARCH

1. Study to Evaluate the Safety and Preliminary Efficacy of IDCT, a Treatment for Symptomatic Lumbar Intervertebral Disc Degeneration. (Discogenics Disc Cell Technology for Low Back Pain) **Davis TT,** Principal Investigator.

2. TGC15302: A Study to Determine the Efficacy and Effectiveness of TG-C (Kolon Tissuegene - Genetically Modified Juvenile Chondrocytes for Knee Pain) in Subjects with Kellgren and Lawrence Grade 2 and 3 OA of the Knee. **Davis TT**, Principal Investigator, Vanguard Site, Clinical Advisory Board
3. Intradiscal Injection with Micronized Allogeneic Nucleus Pulposus for Discogenic Low Back Pain. (Miami Cell Technology with Nucleus Pulposus Lattice) **Davis TT**, Principal Investigator
4. Target Post Approval Study, Dorsal Root Ganglion Stimulation for Complex Regional Pain Syndrome. (Dorsal Root Ganglion Stimulator Post Market Study) **Davis TT**, Principal Investigator
5. A Randomized Clinical Trial with and without Cooled Radiofrequency of the Genicular Nerves Prior to Total Knee Arthroplasty. (Coolief for Knee Pain) **Davis TT**, Penenberg B, Investigator Initiated
6. Phase III, Allogenic Stem Cells for Low Back Pain. Safety and efficacy study of Rexlemestrocel-L in subjects with chronic discogenic lumbar back pain (MSB-DR003). (Mesoblast Stem Cell Technology for Low Back Pain) **Davis TT**, Principal Investigator
7. A Phase II, Double-Blind, Randomized, Controlled Study to Evaluate the Efficacy and Safety of JointStem, Autologous Adipose Tissue Derived Mesenchymal Stem Cells, in Treatment of Osteoarthritis. (Liposuction Derived Stem Cells for Knee Pain) **Davis TT** Principal Investigator
8. CREATE-1, A randomized, double-blind, placebo-controlled, 24-week study to evaluate the efficacy and safety of AXS-02 in patients with CRPS-I. **Davis TT**, Principal Investigator
9. Minimally Invasive Oblique Surgical Corridor to the Lumbar Intervertebral Disc: Anatomic Study. **Davis TT**, Hynes R, Kwon B, Liu J, Acosta F, Spann S, Drochner T, Fung D. Principal Investigator – Industry Sponsored Anatomic Study, Primary Author. Research Facility and Supplies Donated by Medtronic.
10. Minimally Invasive Oblique Surgical Corridor to the Lumbar Intervertebral Disc: Magnetic Resonance Study. **Davis TT**, Hynes R, Kwon B, Liu J, Acosta F, Spann S, Drochner T, Fung D. Principal Investigator – Investigator Initiated Study. Primary Author.
11. Lateral Jack-Knife Position as a cause for Lumbar Plexus Neuropraxia. Mejia DM, Fung DA, **Davis TT**, Liu J. Principal Investigator – Investigator Initiated Study. Primary Author Research Grant from Medtronic
12. Lateral Decubitus Surgical Positioning: Pressure Points and Relation to Complications. Tatsumi R, **Davis TT**. Contributing Author.
13. Accurate Clinical Study: Dorsal Root Ganglion Neurostimulation for Lower Extremity Causalgia. Mejia DM, Fung DA, **Davis TT**. Principal Investigator – FDA Clinical Trial
14. The STEPS - Totalis™ Trial. Safety and Efficacy of Totalis™ Image Guided Lumbar Decompression for Neurogenic Claudication. **Davis TT**, Mejia DM, Wang K, Lee D, Fung DA, Hersel A, Bajaj A. Principal Investigator – FDA Clinical Trial
15. RELIEF - A Global Registry to Evaluate Long-Term Effectiveness of Neurostimulation Therapy for Pain. Mejia DM, Wang K, Lee D, Fung DA, **Davis TT**. Principal Investigator – FDA Clinical Trial
16. 105-14-0001: A Prospective, Multi-center, Randomized, Clinical Trial Evaluating the Safety and Effectiveness of Using Coolief™ Pain Management Cooled Radiofrequency Probe to Create Lesions of the Genicular Nerves and Comparing Corticosteroid Injection in the Management of Knee Pain. **Davis TT**, Fung DA, Wang K, Lee D. Principal Investigator – FDA Clinical Trial
17. The Oblique Corridor to the Lumbar Spine, Supine Versus Lateral Decubitus MRI Studies. **Davis TT**, Fung DA, Wang K, Lee D. Investigator Initiated.

18. Free Run EMG in Minimally Invasive Surgical Transforaminal Lumbar Interbody Fusion, Correlation with Post Operative Deficits. Wang K, Kim C, Tadlock S, **Davis TT**, Fung DA. Investigator Initiated.
19. Transpoas Approach to Lumbar Fusion: A Review of Clinical Complications. **Davis TT**, Fung DA, Wang K, Lee D. Investigator Initiated.
20. APIC-CF Therapy for Mild to Moderate Osteoarthritis of the Knee. (Alpha Macroglobulin for Knee Pain) **Davis TT**, Fung DA, Fadadou P, Luu T. Principal Investigator
21. A Novel Anchoring Technique for Permanent Spinal Cord Stimulation Placement. **Davis TT**, Fung D. Contributing Author
22. Study of Mesenchymal Precursor Cells (MPCs) in Subjects with Chronic Discogenic Lumbar Back Pain. Bae HW, **Davis TT**. Sub-Investigator
23. Lumbar Subcutaneous Peripheral Field Stimulation in Eleven Patients with Chronic Low Back Pain and/or Post Laminectomy Syndrome. Fung DA, Richeimer S, Carroll B, **Davis TT**. Contributing Author
24. Lumbar Discal Cyst Treated with Epidural Steroid Injection and Conservative Measures: A Case Report. Fung DA, Zirovich MD, **Davis TT**. Contributing Author
25. SMART Clinical Study: Surgical Multi-Center Assessment for Radiofrequency Ablation for the Treatment of Vertebrogenic Back Pain, **Davis TT**. Spine Research Foundation. Sub-Investigator – FDA Clinical Trial.
26. Bioness Stimrouter Neuromodulation System for Chronic Pain Therapy. Vahedifar P, **Davis TT**, Co-Principal Investigator – FDA Clinical Trial.
27. The Lumbosacral Plexus and The TransPoas Approach to the Intervertebral Disc Space: A Cadaveric Study. **Davis TT**, Bae HW, Delamarter RB, Rasouli A. Spine Research Foundation, Santa Monica, CA. Principal Investigator - Investigator Initiated Anatomic Study. Primary Author
28. Femoral Neurogram to Assess the Course Prior to TransPoas Spinal Access at the L4-5 Intervertebral Disc Space. Day T, **Davis TT**, Bae HW, Rasouli A. Orthopedic Pain Specialists, Santa Monica, CA. Principal Investigator – Investigator Initiated Study. Contributing Author
29. The Variability of Electrical Resistance of Titanium Pedicle Screws: Hydroxyapatite Coated Versus Non-coated. **Davis TT**, Bernbeck JA, Fung DA, Alpha Diagnostics, Santa Monica, CA. Principal Investigator – Investigator Initiated Study. Primary Author
30. Neurophysiologic Monitoring of the Lumbar Plexus: A Peripheral Nerve Stimulation Model. **Davis TT**, Bae HW, Tadlock S. Alpha Diagnostics, Santa Monica, CA.
31. Neurophysiologic Monitoring of the Femoral Nerve During Transpoas Access to the Lumbar Spine. **Davis TT**, Bae HW, Tadlock S. Alpha Diagnostics, Santa Monica, CA
32. GDF-5 Intradiscal Injection for Degenerative Disc Disease: Safety Study. **Davis TT**, Bae HW, Gupta N. Spine Research Foundation, Santa Monica. Sub-Investigator – FDA Clinical Trial
33. Dorsal Epidural Lipoma Resulting in Increased Impedence Measurements During Dorsal Column Stimulator Trial Placement: Case Study. **Davis TT**, Fung DA, Schulz C. Orthopedic Pain Specialists, Santa Monica, CA. Primary Author
34. Percutaneous Placement of Dorsal Column Stimulator in the Post-Surgical Scoliotic Spine. Case Series. **Davis TT**. Orthopedic Pain Specialists, Santa Monica, CA
35. Biostat Fibrin Sealant for Intervertebral Disc Degeneration: Multicenter Phase II Clinical Trial. **Davis TT**, Bae HW, Gupta N. Spine Research Foundation, Santa Monica. Principal Investigator – FDA Clinical Trial

36. Minimally Invasive Cervical Facet Fusion Technique for Neck Pain. **Davis TT**, Fung D
37. Neuromodulation in Achondroplasia, Challenges and Techniques. **Davis TT**, Fung D
38. IDET procedure for chronic discogenic low back pain. **Davis TT**, Delamarter, RB, Goldstein T, Spine Research Foundation, Santa Monica, CA. Primary Author
39. Osteogenic Protein-1 Intradiscal injection for Lumbar Degenerative Disc Disease. **Davis TT**, Bae HW. Spine Research Foundation, Santa Monica, CA. FDA Clinical Trial - Sub Investigator
40. Cervical Discitis: A Case Report. **Davis TT**, Tatsumi R, Kropf M. Spine Research Foundation, Santa Monica, CA. Primary Author
41. Marked improvement in patients treated with vertebroplasty after painful osteoporotic compression fractures. Bae HW, Kanim L, Gupta N, Kropf M, **Davis TT**, Delamarter RB. Spine Research Foundation, Santa Monica, CA. Contributing Author
42. Center of Mass Analysis in Diabetics with Peripheral Neuropathy and Trans-tibial Amputations. **Davis, TT**, UCLA Department of PM&R. Primary Author
43. The Effect of High Frequency Distraction on Soft Tissue During Limb Lengthening, Animal Model. Shilt J, **Davis TT**, Ochsner Medical Foundation. Research Associate
44. Arthroscopic Chondroplasty in Patellar Chondromalacia Van DeLune D, **Davis TT**, University of Missouri-Kansas City Orthopaedics, Research Associate

EDUCATIONAL LECTURING

1. Telemedicine for the Pain Management Practice: Business Preservation and Resuscitation. Webinar Meeting. Apr 8, 2020
2. Telemedicine for the Pain Management Practice: Business Preservation and Resuscitation. Webinar Meeting. Apr 7, 2020
3. Dorsal Root Ganglion Stimulator for Chronic Lower Limb Pain: Procedural Technique. Santa Monica, CA. Oct 5, 2019
4. Superion Device for the Treatment of Spinal Stenosis: Procedural Technique. Dallas, TX. Sep 21-22, 2019
5. Dorsal Root Ganglion Stimulator for Chronic Lower Limb Pain: Procedural Technique. Thousand Oaks, CA. Sep 14, 2019
6. Superion Device for the Treatment of Spinal Stenosis: Procedural Technique. Dallas, TX Aug 24-25, 2019
7. The Treatment of Sacroiliac Joint Pathology. American Society for Pain and Neurosciences. Miami, Fl. Jul 27, 2019
8. Interventional Treatment Options for Neuropathic Joint Pain. American Society for Pain and Neurosciences. Miami, Fl. Jul 27, 2019
9. Regenerative Medicine – Intra-articular Stem Cells and Biologics. American Society for Pain and Neurosciences. Miami, Fl. Jul 27, 2019
10. Novel Techniques in Vertebral Augmentation. American Society for Pain and Neurosciences. Miami, Fl. Jul 27, 2019

11. Moving Beyond Steroids for Radicular Pain. American Society for Pain and Neurosciences. Miami, FL. Jul 26, 2019
12. Interspinous Spacer Implantation for Spinal Stenosis and Neurogenic Claudication. Dallas, TX. Aug 24-25, 2019
13. Interspinous Spacer Implantation for Spinal Stenosis and Neurogenic Claudication. Dallas, TX. Jul 20-21, 2019
14. Electromyography in Lateral Lumbar and TLIF Surgery – How to Interpret. American Society of Neurophysiologic Monitoring. Westlake Village, CA Feb 24, 2019
15. Dorsal Root Ganglion Stimulator for Chronic Lower Limb Pain: Procedural Technique. Las Vegas, NV. Feb 2, 2019
16. Dorsal Root Ganglion Stimulator Placement at the L4-5 and L5-S1 Level. Salt Lake City, UT. Jan 11-13, 2019
17. Truth, Myth, and the Future of Biologic Therapies Including Stem Cells, PRP, and Regenerative Medicine. Private Medical Salon. Jun 9, 2018
18. Biologics In Spine and Sports Injuries. Marina Spine Center AT/PT Conference. Jun 9, 2018
19. Dorsal Root Ganglion Stimulator Placement at the L4-5 and L5-S1 Level. Long Beach, CA. June 19, 2018
20. Dorsal Root Ganglion Stimulator Placement at the L4-5 and L5-S1 Level. Newport Beach, CA. May 18-19, 2018
21. Working with Disabled Athletes and Veterans. Arnold Sports Festival - Recovery, Regeneration, and the Athlete. Columbus, OH. Mar 1, 2018
22. Evaluating a Regenerative Medicine Treatment Provider for Recommendation and Referral. Arnold Sports Festival - Recovery, Regeneration, and the Athlete. Columbus, OH. Mar 1, 2018
23. Interspinous Spacer Implantation for Spinal Stenosis and Neurogenic Claudication. Miami, FL. Jan 20-21, 2018
24. Dorsal Root Ganglion Stimulator Theory. Dallas, TX. Dec 10, 2017
25. Dorsal Root Ganglion Stimulator Patient Selection. Dallas, TX. Dec 10, 2017
26. Dorsal Root Ganglion Stimulator Placement at the L4-5 and L5-S1 Level. Dallas, TX. Dec 10, 2017
27. The Orthopedic Lectures, Arthritis, Joint and Bone Health presented by Providence St Johns. The Management of Orthopedic Pain. Santa Monica, CA Oct 11, 2017
28. Dorsal Root Ganglion Stimulator Placement at the L4-5 and L5-S1 Level. Dallas, TX. Aug 12-13, 2017
29. Injections and Radiofrequency: Complications and Management. Pain 2017. Miami FL. Jul 29, 2017
30. Implants: Complications and Management. Pain 2017. Miami FL. Jul 29, 2017
31. Opioids and Other Medications: Complications and Management. Pain 2017. Miami FL. Jul 29, 2017
32. Business Practice Complications: Staying Afloat in a Difficult World. Pain 2017. Miami FL. Jul 29, 2017

33. The Lumbar Plexus and the Transpsaos Approach, an Anatomic and Neurophysiologic Review. The Oblique Lumbar Corridor, Anatomic Review. Western Society of Electrodiagnostic Technologists. San Francisco, CA. May 21, 2017
34. Dorsal Root Ganglion Stimulator Placement at the L4-5 and L5-S1 Level. Western Society of Electrodiagnostic Technologists. San Francisco, CA. May 21, 2017
35. Dorsal Root Ganglion Stimulator Placement at the L4-5 and L5-S1 Level. Dallas, TX. Jul 21-23, 2016
36. The Lumbar Plexus and the Transpsaos Approach, an Anatomic and Neurophysiologic Review. The Oblique Lumbar Corridor, Anatomic Review. Milpitas, CA. Oct 7-8, 2016
37. The Lumbar Plexus and the Transpsaos Approach, an Anatomic and Neurophysiologic Review. The Oblique Lumbar Corridor, Anatomic Review. Rosemont, IL. Sep 9-10, 2016
38. Dorsal Root Ganglion Stimulator Technique, Masters Course. Napa Valley, CA. Aug 25, 2016
39. Dorsal Root Ganglion Stimulator Placement at the L4-5 and L5-S1 Level. Dallas, TX. Jul 15-17, 2016
40. Dorsal Root Ganglion Stimulator Placement at the L4-5 and L5-S1 Level. Dallas, TX. May 19-21, 2016
41. The Lumbar Plexus and the Transpsaos Approach, an Anatomic and Neurophysiologic Review. The Oblique Lumbar Corridor, Anatomic Review. San Jose, CA. Jul 7-9, 2016
42. The Lumbar Plexus and the Transpsaos Approach, an Anatomic and Neurophysiologic Review. The Oblique Lumbar Corridor, Anatomic Review. San Jose, CA. Apr 15, 2016
43. The Lumbar Plexus and the Transpsaos Approach, an Anatomic and Neurophysiologic Review. The Oblique Lumbar Corridor, Anatomic Review. Tampa Bay, FL. Dec 11-12, 2015
44. The Lumbar Plexus and the Transpsaos Approach, an Anatomic and Neurophysiologic Review. The Oblique Lumbar Corridor, Anatomic Review. Dallas, TX. Sept 11-12, 2015
45. Intraoperative Neurophysiologic Monitoing. A Review of the Technology Available and Quality Measures to Assess Proper Utilization and Applications. Providence – Spine Tech and IOM Focus Group. July 23, 2015
46. Intraoperative Neurophysiologic Monitoing. A Review of the Technology Available and Quality Measures to Assess Proper Utilization and Applications. Providence – St John’s Nursing Educational Lecture. July 22, 2015
47. The Lumbar Plexus and the Transpsaos Approach, an Anatomic and Neurophysiologic Review. The Oblique Lumbar Corridor, Anatomic Review. Chicago, IL. Jun 26-27, 2015
48. Intraoperative Neurophysiologic Monitoing. A Review of the Technology Available and Quality Measures to Assess Proper Utilization and Applications. Providence – St John’s Surgical Committee. Jun 16, 2015
49. Musculoskeletal Injury Prevention for Women. Irene Dunne Guild. St Johns Hospital. Santa Monica, CA. May 13,2015
50. The Lumbar Plexus and the Transpsaos Approach, an Anatomic and Neurophysiologic Review. The Oblique Lumbar Corridor, Anatomic Review. San Diego, CA. Mar 26-27, 2015
51. The Lumbar Plexus and the Transpsaos Approach, an Anatomic and Neurophysiologic Review. The Oblique Lumbar Corridor, Anatomic Review. San Diego, CA. Mar 19, 2015

52. The Lumbar Plexus and the Transpsaos Approach, an Anatomic and Neurophysiologic Review. The Oblique lumbar corridor, Anatomic and Neurophysiologic Review. Cape Girardeau, MO. Nov 13, 2014
53. The Lumbar Plexus and the Transpsaos Approach, an Anatomic and Neurophysiologic Review. The Oblique lumbar corridor, Anatomic and Neurophysiologic Review. Boston, MA. Oct 20, 2014
54. The Lumbar Plexus and the Transpsaos Approach, an Anatomic and Neurophysiologic Review . The Oblique lumbar corridor, Anatomic and Neurophysiologic Review. St Louis, MO. Oct 17, 2014
55. Radiofrequency Lesion of Cervical and Lumbar Medial Branch (Facet Rhizotomy) for Treatment of Low Back Pain Related to Facet Arthritis. Irvine, CA. Sep 6, 2014
56. Radiofrequency Lesion of the Genicular Nerve for Painful Osteoarthritis. Irvine, CA. Sep 6, 2014
57. Vertebral Augmentation (Kyphoplasty) for Thoracic and Lumbar Compression Fractures. Irvine, CA. Sep 6, 2014
58. The Lumbar Plexus and the Transpsaos Approach, an Anatomic and Neurophysiologic Review . The Oblique lumbar corridor, Anatomic and Neurophysiologic Review. Minniapolis, MN. Aug 23, 2014
59. The Lumbar Plexus and the Transpsaos Approach, an Anatomic and Neurophysiologic Review. The Oblique lumbar corridor, Anatomic and Neurophysiologic Review. Indianapolis, IN. Aug 22, 2014
60. Denervation and Regeneration? Non-Surgical Options for Treatment of the Arthritic Knee. (Radiofrequency Denervation versus Biologic Treatments) PAIN, Jun 21, 2014
61. Biologics: Will Stem Cells Change Our Treatment Paradigm? (A Review of the 12 month Lumbar Disc Study & Beyond). PAIN, Jun 20, 2014
62. The Lumbar Plexus and the Transpsaos Approach, an Anatomic and Neurophysiologic Review. The Oblique Lumbar Corridor, an Anatomic Review and Gross Anatomy Lab. Hartford, CN. Jul 18, 2014
63. Musculoskeletal Injuries in the Aging Male. The Irene Dunne Guild. Santa Monica, CA. June 12, 2014
64. The Lumbar Plexus and the Transpsaos Approach, an Anatomic and Neurophysiologic Review. The Oblique Lumbar Corridor, Anatomic Review. Salt Lake City, UT. Jun 6, 2014
65. Kyphoplasty for Painful Vertebral Compression Fractures. Irvine, CA. Apr 26, 2014
66. Radiofrequency Lesion of Cervical and Lumbar Medial Branch for Treatment of Low Back Pain Related to Facet Arthritis. Irvine, CA. Apr 26, 2014
67. The Lumbar Plexus and the Transpsaos Approach, an Anatomic and Neurophysiologic Review. The Oblique Lumbar Corridor, Anatomic Review. San Diego, CA. Mar 21, 2014
68. The Lumbar Plexus and the Transpsaos Approach, an Anatomic and Neurophysiologic Review. The Oblique Lumbar Corridor, Anatomic Review. Jersey City, NJ. Jan 17, 2014
69. The Lumbar Plexus and the Transpsaos Approach, an Anatomic and Neurophysiologic Review. The Oblique Lumbar Corridor, an Anatomic Review. Dallas, TX. Nov 15, 2013
70. The Lumbar Plexus and the Transpsaos Approach, an Anatomic and Neurophysiologic Review. The Oblique Lumbar Corridor, Anatomic and MRI. Miami, FL. Sep 6-7, 2013
71. The Lumbar Plexus and the Transpsaos Approach to the Lumbar Spine. The Oblique lumbar corridor, Anatomic and Neurophysiologic Review. Las Vegas, NV. Jun 21-22, 2013

72. Radiofrequency Lesion of Cervical and Lumbar Medial Branch for Treatment of Low Back Pain Related to Facet Arthritis. Las Vegas, NV. Apr 27, 2013
73. Kyphoplasty for Painful Vertebral Compression Fractures. Las Vegas, NV. Apr 27, 2013
74. Minimally Invasive Lumbar Decompression (Prospective Studies of Efficacy and Safety), Advancing Interventional Pain Treatment through Ultra-Minimally Invasive Spinal Solutions. American Academy of Pain Medicine Annual Meeting. Fort Lauderdale, FL. Apr 12, 2013
75. Minimally Invasive Spine Care: Intradiscal Biologics. Manhattan Beach, CA Mar 18, 2013
76. Spinal Cord Stimulation for Chronic Neuropathic Pain. 12th Annual Symposium on Current Concepts in Spinal Disorders. Las Vegas, NV Feb 1, 2013
77. Electrophysiology of the Transpsoas Approach: Intraoperative Neurophysiologic Monitoring as a Tool in Surgery. San Jose, CA Nov 4, 2012
78. The Oblique lumbar corridor, an Anatomic Review and Gross Anatomy Lab. San Jose, CA Nov 4, 2012
79. The Lumbar Plexus and the Transpsoas Approach, an Anatomic Review and Gross Anatomy Lab. San Jose, CA Nov 3, 2012
80. The Oblique lumbar corridor, an Anatomic, Neurophysiologic Review. Dallas, TX Oct 24, 2012
81. The Lumbar Plexus and the Transpsoas Approach, an Anatomic and Neurophysiologic Review. Dallas, TX Oct 23, 2012
82. Conservative Management of Low Back Pain: Spinal Cord Stimulation, Kyphoplasty, and Fibrin Sealant. Cedars Sinai, State of the Art Spine Conference. Los Angeles, CA Sep 29, 2012
83. Neuromodulation for Chronic Spine and Neurogenic Limb Pain. St Johns Post Graduate Assembly. Santa Monica, CA Sep 15, 2012
84. Fibrin Sealant for Axial Low Back Pain due to Degenerative Disc Disease: A Research Update on the Biostat Study. St Johns Post Graduate Assembly. Santa Monica, CA Sep 15, 2012
85. The Lumbar Plexus and the Transpsoas Approach, an Anatomic and Neurophysiologic Review. Denver, CO Aug 25, 2012
86. The Lumbar Plexus and the Transpsoas Approach, an Anatomic and Neurophysiologic Review. Denver, CO Aug 25, 2012
87. Neurological Complications Associated with Spinal Interventions: Patterns of Injury, Anatomy and Avoidance. Way Yin MD, Frank Willard PhD, Timothy Davis MD. North American Spine Society, Spine Across the Sea. Kauai, HI Aug 1, 2012
88. Intradiscal Biologics and Stem Cell Therapies for Spinal Disorders. Becker's 9th Annual Orthopaedic, Spine and Pain Management-Driven ASC Conference. Chicago Il Jun 16, 2012
89. Intraoperative Monitoring in the Ambulatory Surgical Center, The Science and Economics. Becker's 9th Annual Orthopaedic, Spine and Pain Management-Driven ASC Conference. Chicago Il Jun 15, 2012
90. The Lumbar Plexus and the Transpsoas Approach, an Anatomic and Neurophysiologic Review. Memphis, TN Mar 30, 2012
91. Pain Management and Interventional Techniques-Moderator. Cedars Sinai 11th Annual Symposium on Spinal Disorders. Las Vegas, NV Feb 4, 2012

92. The Lumbar Plexus and the Transpsaos Approach, an Anatomic and Neurophysiologic Review. Great Falls, MT Feb 9, 2012
93. The Lumbar Plexus and the Transpsaos Approach, an Advanced Anatomic and Neurophysiologic Review. Miami, FL Feb 17-18, 2012
94. Epiducer Access to the Epidural Space for Multi Lead Configuration and Case Studies. Plano, TX. Nov 6, 2011
95. Epiducer Access to the Epidural Space for Multi Lead Configuration and Case Studies. Plano, TX. Nov 5, 2011
96. Neuroanatomy and Neurophysiology as it Applies to the Transpsaos Approach. Sunnyvale, CA Oct 14, 2011
97. Advanced Neuroanatomy and Neurophysiology as it Applies to the Transpsaos Approach. Sunnyvale, CA Oct 13, 2011
98. Minimally Invasive Treatments for the Ageing Spine. Saint Johns Foundation, Riviera Country Club, Pacific Palisades, CA. Oct 6, 2011
99. Neurologic and Vascular Anatomy and the Oblique Approach to the Lumbar Spine, TN Sep 29, 2011
100. The Lumbar Plexus and the Transpsaos Approach, an Anatomic and Neurophysiologic Review. Bloomfield, CO Aug 26, 2011
101. Electricity as a Medical Modality: A Historic Review and Current Techniques of Neuromodulation. Cedars Sinai Chiropractor and Acupuncturist Spine Conference. Los Angeles, CA Jun 8, 2011
102. Anatomy and Neurophysiology applications to the Transpsaos Surgical approach to the Lumbar Spine. Scottsdale, AZ Apr 15, 2011
103. Anatomy and Neurophysiology applications to the Transpsaos Surgical approach to the Lumbar Spine. Indianapolis, IN Mar 16, 2011
104. Anatomy and Neurophysiology applications to the Transpsaos Surgical approach to the Lumbar Spine. Introduction to DLIF Surgical Approach. Miami, FL Feb 26, 2011
105. Anatomy and Neurophysiology applications to the Transpsaos Surgical approach to the Lumbar Spine. Introduction to DLIF Surgical Approach. San Jose, CA Jan 20, 2011
106. Anatomy and Neurophysiology applications to the Transpsaos Surgical approach to the Lumbar Spine. Introduction to DLIF Surgical Approach. San Diego, CA Jan 13, 2011
107. Anatomy and Neurophysiology applications to the Transpsaos Surgical approach to the Lumbar Spine. Introduction to DLIF Surgical Approach. Jersey City, NJ Dec 11, 2010
108. A Review of Degenerative Disc Disease: Basic Science and Clinical Study Protocol for Biostat Fibrin Sealant. Santa Monica, CA Sep 28, 2010
109. A Review of Degenerative Disc Disease: Basic Science and Clinical Study Protocol for Biostat Fibrin Sealant. Santa Monica, CA Oct 28, 2010
110. Anatomy and Neurophysiology applications to the Transpsaos Surgical approach to the Lumbar Spine. North American Spine Society. Orlando, FL Oct 5, 2010
111. Spinal Cord Stimulation as a Treatment for Neuropathic Pain: Counterpoint, North American Spine Society. Orlando, FL Oct 5, 2010

112. Anatomy and Neurophysiology applications to the Transpoas Surgical approach to the Lumbar Spine. Introduction to DLIF Surgical Approach. St Louis, MO Sep 11, 2010
113. Intradiscal Biologics for Discogenic Low Back Pain: The Future of Spine Care. Saint John's Health Center Foundation Guest Lecture. Santa Monica, CA Aug 4, 2010
114. The Transpoas Approach and the Lumbar Plexus: An Anatomic and Neurophysiologic Review. Cedars Sinai Spine Conference. Los Angeles, CA May 15, 2010
115. Diagnosis and Treatment of Low Back Pain. Cedars Sinai Department of Neurological Surgery CME Course for Primary Care Givers. Marina Del Rey, CA. Feb 21, 2010
116. Diagnosis and Minimally Invasive Treatments of the Lumbar Spine. Cedars Sinai Community Lecture, Los Angeles, CA Oct 27, 2009
117. Advanced Topics in Neuromodulation: Patient Selection and Considerations. San Diego, CA. Sep 19, 2009
118. Techniques and Strategies in Neuromodulation: Device Selection and Implantation. Chicago, IL. Jul 24-26, 2009
119. Techniques and Strategies in Neuromodulation: Neuromodulation in the Post Laminectomy Scenario, and Keys to Success. Henderson, NV. Jan 10, 2009
120. Techniques and Strategies in Neuromodulation: Pre and Post-Operative Considerations. Irvine, CA. Dec 13, 2008
121. Neuromodulation for Chronic Neuropathic Limb Pain: Patient Selection and Clinical Applications. San Diego, CA. Nov 12, 2008
122. Dorsal Column Stimulation: Neurophysiology and Implant Selection. Toronto, Canada. Oct 16, 2008
123. Low Back Pain: Diagnosis and Treatment. Saint Johns Health Center, Santa Monica, CA. Community Forum Nov 11, 2005
124. Treatment of Post-Herpetic Neuralgia. Los Angeles, CA. Nov 13, 2002.
125. Treatment of Post-Herpetic Neuralgia. Bakersfield, CA. Oct 17, 2002.
126. Osteoarthritis and the use of Cox 2 Inhibitors. Los Angeles, CA. Oct 9, 2002.
127. Use of Cox2 Specific Inhibitors in Osteoarthritis. Santa Rosa, CA. Sep 24, 2002.
128. The Diagnosis and Treatment of Low Back Pain. Anaheim, CA. Sep 12, 2002.
129. Use of Cox2 Specific Inhibitors in Osteoarthritis. Los Angeles, CA Jul 31, 2002.
130. Conservative Management of Low Back Pain. Saint John' Health Center, Santa Monica, CA, Saint John's Health Center - Back Talk Forum. Nov 2, 2000.

CHARITABLE AND VOLUNTEER CLINICAL

- Ryan Nece Foundation
- UCLA Foundation
- Charity Water
- Santa Monica Firefighters Relief Fund
- St Johns Health Center Foundation
- VCA Charities

- Heal The Bay
- Surfrider Foundation

DISCLOSURES

- Abbott – Educational Speaker, Consultant, Common Stock
- Alpha Diagnostics – Founder, Chief Executive Officer
- ATAI Lifesciences - Shareholder
- Avanos – Research, Medical Advisory Board, Consultant, Publication Steering Committee
- Axonics – Common Stock
- Biostar – Consultant, Research
- Boston Scientific – Educational Speaker
- Compass Pathways – Shareholder
- Discgenics – Research
- Johnson & Johnson – Common Stock
- Kolon Tissuegene – Consultant, Research
- Mesoblast – Research
- Mind Medicine – Common Stock
- Nevro – Common Stock, Research
- Prosidyan – Shareholder
- RTI - Shareholder
- Source Healthcare – Founder, CEO
- Source Surgery Center – Founder, CEO
- Stryker – Common Stock
- Syncroplicity – Founder and CEO
- Tenex Health – Consultant, Options
- Vivex – Medical Advisory Board, Research