

Curriculum Vitae

Timothy T. Davis MD
Medical Director
Orthopaedic Pain Specialists
Santa Monica, CA

Santa Monica Office:
2428 Santa Monica Blvd, Suite 208
Santa Monica, CA 90404

Source Surgery Center
2801 Wilshire Blvd
Santa Monica, CA 90403

P.310 574-2777
F.310 315-4968
www.orthopaindocs.com
tdavis@orthopaindocs.com

SPECIALTY

Physical Medicine - specializing in diagnosis and conservative management of spinal and musculoskeletal injuries as well as interventional pain management and electrodiagnostics. Special interest in Platelet Rich Plasma 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 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

- Drchrono Medical Advisory Board -2017
- Founder Source Medical Group 2017
- Founder Source Healthcare 2016-Present
- Founder Source Surgery Center 2016-Present
- Founder Source Foundation Non-Profit 2016-Present
- Medical Advisory Board, Halyard Health 2015-Present
- Co-Editor Biologics in Interventional Pain Atlas 2017-Present
- North American Neuromodulation Society Advocacy Committee, 2017
- Co-Chair Regenerative Medicine Section, California Society of Interventional Pain Physicians 2017, Santa Monica, CA
- Co-Chair Complications, Mitigation and Treatment, PAIN 2017, Miami, FL

- Planning Committee, 24th Annual Napa Valley Pain Conference 2017, Napa, CA
- Planning Committee, 23rd Annual Napa Valley Pain Conference 2016, Napa, CA
- Co-Editor Regenerative Medicine Section, Interventional Pain Atlas 2015-2017
- Medical Executive Committee, Broadway Surgical Institute 2013-Present
- Board of Directors, Broadway Surgical Institute 2013-Present
- Member, Spine Technology and IOM Focus Group, Providence Health System – 2012-Present
- Medical Director, Orthopedic Pain Specialists, 2012-Present
- Scientific Advisory Board, Mesoblast, 2011-2013
- Founder, Phyzmed 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 – Louisiana 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=xwPzSeqJ6xY>

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. Fadadu P, Hunter C, **Davis TT**, Platelet Rich Plasma Processing Systems, An Analysis of the Data, Submitted for Publication
2. **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. Regional Anesthesia and Pain Medicine Nov 2017.
3. 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
4. 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
5. **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
6. **Davis TT**, Fung D. A Novel Anchoring Technique for Permanent Spinal Cord Stimulation Placement: Case Series. Submitted for Publication.
7. 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
8. **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.
9. **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.
10. 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;
11. 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
 12. 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
 13. 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
 14. **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
 15. **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].
 16. **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/JBJS.J.00962
 17. **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
 18. **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.
 19. **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. Hunter C, **Davis TT**. Co-Editors. *Biologics in Interventional Pain Medicine, Interventional Pain Atlas*. Diwan S. In Press
2. Fadadu P., Hunter C, **Davis TT**. Platelet Rich Plasma, Chapter 3. *Interventional Pain Atlas*. Diwan S. Deer T. In Press
3. Fung DA, **Davis TT**. *Interventional Therapies. Integrating Pain Treatment into Your Spine Practice*. Falowski S, Pope J. Springer 2016
4. Fung DA, **Davis TT**. *Biologic and Regenerative Therapies. Comprehensive Pain Management in the Rehabilitation Patient*. Carayannopoulos A. Springer June 2017
5. Fung DA, Darling M, **Davis TT**. *Pain in the Tendonopathy Rehabilitation Patient. Comprehensive Pain Management in the Rehabilitation Patient*. Carayannopoulos A. Springer June 2017
6. Fung DA, **Davis TT**. *Biologics and Regenerative Therapies. The Spine Handbook*. Desai M. Oxford University Press. 2017
7. 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*
8. **Davis TT**, Baron E, Anand N. *Transpsoas Neuromonitoring*. By Loftus, Biller, and Baron. *Intraoperative Neuromonitoring*. McGraw Hill, New York, NY. 2012

9. Anand N, Baron EM, **Davis TT**. The Transposas 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** 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
2. **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
3. **Davis TT**. The Future of Intradiscal Biologics. Cell Therapy Training Symposium. Austin, TX Oct 26-28, 2017
4. **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
5. **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
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. 24th Annual Napa Pain Conference. Napa Valley, CA. Aug 17-20, 2017
7. **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
8. **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
9. **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
10. **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
11. **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
12. **Davis TT**. Regenerative Medicine and Minimally Invasive Spine. Moderator. The 23rd Annual Napa Pain Conference. Napa Valley, CA. Aug 26, 2016

13. **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
14. **Davis TT.** Tendonitis and Treatments. 22nd Annual Napa Pain Conference. Napa Valley, CA. Aug 28, 2015
15. **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
16. **Davis TT.** Platelet Rich Plasma, Ready for Prime Time, PRO. 31st Annual Meeting American Academy of Pain Medicine. Washington D.C. Mar 20, 2015
17. **Davis TT.** Stem Cells, Ready for Prime Time, PRO. 31st Annual Meeting American Academy of Pain Medicine. Washington D.C. Mar 20, 2015
18. **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
19. **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
20. **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
21. **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
22. **Davis TT, Olan W.** Totalis™ Decompression System for Lumbar Spinal Stenosis. Centers for Medicare and Medicaid, Baltimore, MD Dec 4, 2013
23. 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
24. **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
25. Minimally Invasive Decompression of the Lumbar Spine; New Options for Interventional Pain Physicians. Podium Presentation. Napa Pain Conference. Napa, CA. Aug 23, 2013
26. **Davis TT, Fung D.** A Novel Anchoring Technique for Permanent Spinal Cord Stimulation Placement. Poster Presentation. Napa Pain Conference. Napa, CA. Aug 23, 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. Poster Presentation. Napa Pain Conference. Napa, CA. Aug 23, 2013
28. **Davis TT, Fung D.** A Novel Anchoring Technique for Permanent Spinal Cord Stimulation Placement. Poster Presentation. Napa Pain Conference. Napa, CA. Aug 23, 2013
29. **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

30. 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
31. **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
32. **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
33. 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
34. **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
35. **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
36. **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
37. **Davis TT**. MILD: Prospective Studies of Efficacy and Safety. Podium Presentation. American Academy of Pain Medicine. Fort Lauderdale, FL. Apr 12, 2013
38. **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
39. 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
40. 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
41. **Davis TT**, Schulz C. Dorsal Epidural Lipoma Resulting in Increased Impedence 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
42. **Davis TT**, Schulz C. Dorsal Epidural Lipoma Resulting in Increased Impedence 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
43. **Davis TT**, Schulz C. Dorsal Epidural Lipoma Resulting in Increased Impedence Measurements During Dorsal Column Stimulator Trial Placement: Case Study. Poster Presentation. Association of Academic Physiatrists. Las Vegas, CA. Feb 28-Mar 3, 2012
44. **Davis TT**, Schulz C. Dorsal Epidural Lipoma Resulting in Increased Impedence Measurements During Dorsal Column Stimulator Trial Placement: Case Study. Poster Presentation. American Academy of Pain Medicine. Palm Springs, CA. Feb 23-26, 2012

45. **Davis TT.** Eprescribe Rules and Regulations. Podium Presentation. 11th Annual Symposium on Current Concepts in Spinal Disorders. Las Vegas, NV. Feb 4, 2012
46. **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
47. **Davis TT.** Understanding Lumbar Plexus Anatomy, Electrophysiology and Staying out of Trouble. Podium Presentation. North American Spine Society, Chicago, IL. Nov 2, 2011
48. **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
49. **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
50. **Davis TT,** Vatave A, Patla J, Bernbeck J, Delamarter BR, Bae HW. 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
51. **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. Podium Presentation. Latin American Society for the Advancement of Spine Surgery. Cabo San Lucas, Mexico. Jun 16-18, 2010
52. **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. Latin American Society for the Advancement of Spine Surgery. Cabo San Lucas, Mexico. Jun 16-18, 2010
53. **Davis TT,** Vatave A, Patla J, Bernbeck J, Delamarter BR, Bae HW. Pedicle Screw Electrical Resistance: Hydroxyapatite Coated versus Non-Coated. Poster Presentation. American College of Spine Surgery. Newport, CA. Jun 10-12, 2010
54. **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. Podium Presentation. American College of Spine Surgery. Newport, CA. Jun 10, 2010
55. **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 College of Spine Surgery. Newport, CA. Jun 10, 2010
56. **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. Philadelphia, PA. May 1-5, 2010
57. **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 Association of Neurological Surgeons. Philadelphia, PA. May 1-5, 2010
58. **Davis TT,** Bae HW, Delamarter RB, Rasouli A. 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
59. **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. Spine Arthroplasty Society. New Orleans, LA. Apr 27, 2010

60. **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. Spine Arthroplasty Society. New Orleans, LA. Apr 27, 2010
61. **Davis TT**, Vatave A, Patla J, Bernbeck J, Delamarter BR, Bae HW. Pedicle Screw Electrical Resistance: Hydroxyapatite Coated versus Non-Coated. Poster Presentation. Spine Arthroplasty Society. New Orleans, LA. Apr 27, 2010
62. 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
63. **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
64. **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
65. 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
66. **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.
67. **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.
68. **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
69. **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
70. **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
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. Focused Paper Podium Presentation. North American Spine Society – Annual Assembly. San Francisco, CA. Nov 12, 2009
72. **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
73. 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

74. 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
75. 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
76. **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
77. **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.
78. **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.
79. **Davis, TT**, Delamarter RB, Goldstein T. The IDET Procedure for Discogenic Low Back Pain. Podium Presentation, North American Spine Society, Seattle, WA. Nov 2001.
80. **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.
81. **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. Intradiscal Injection with Micronized Allogeneic Nucleus Pulposus for Discogenic Low Back Pain. **Davis TT**, Principal Investigator
2. Target Post Approval Study, Dorsal Root Ganglion Stimulation for Complex Regional Pain Syndrome. **Davis TT**, Principal Investigator
3. A Randomized Clinical Trial with and without Cooled Radiofrequency of the Genicular Nerves Prior to Total Knee Arthroplasty. **Davis TT**, Penenberg B, Investigator Initiated
4. Phase III, Allogenic Stem Cells for Low Back Pain. Safety and efficacy study of Rexlemestrocet-L in subjects with chronic discogenic lumbar back pain (MSB-DR003). **Davis TT**, Principal Investigator
5. 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. **Davis TT** Principal Investigator
6. 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
7. 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.
8. 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.

9. 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
10. Lateral Decubitus Surgical Positioning: Pressure Points and Relation to Complications. Tatsumi R, **Davis TT**. Contributing Author.
11. Accurate Clinical Study: Dorsal Root Ganglion Neurostimulation for Lower Extremity Causalgia. Mejia DM, Fung DA, **Davis TT**. Principal Investigator – FDA Clinical Trial
12. 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
13. 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
14. 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
15. The Oblique Corridor to the Lumbar Spine, Supine Versus Lateral Decubitus MRI Studies. **Davis TT**, Fung DA, Wang K, Lee D. Investigator Initiated.
16. 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.
17. Transpsoas Approach to Lumbar Fusion: A Review of Clinical Complications. **Davis TT**, Fung DA, Wang K, Lee D. Investigator Initiated.
18. APIC-CF Therapy for Mild to Moderate Osteoarthritis of the Knee. **Davis TT**, Fung DA, Fadadou P, Luu T. Principal Investigator – FDA Clinical Trial
19. A Novel Anchoring Technique for Permanent Spinal Cord Stimulation Placement. **Davis TT**, Fung D. Contributing Author
20. Study of Mesenchymal Precursor Cells (MPCs) in Subjects with Chronic Discogenic Lumbar Back Pain. Bae HW, **Davis TT**. Sub-Investigator – FDA Clinical Trial.
21. 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
22. Lumbar Discal Cyst Treated with Epidural Steroid Injection and Conservative Measures: A Case Report. Fung DA, Zirovich MD, **Davis TT**. Contributing Author
23. 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.
24. Bioness Stimrouter Neuromodulation System for Chronic Pain Therapy. Vahedifar P, **Davis TT**, Co-Principal Investigator – FDA Clinical Trial.
25. The Lumbosacral Plexus and The TransPsoas 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

26. Femoral Neurogram to Assess the Course Prior to TransPsoas 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
27. 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
28. Neurophysiologic Monitoring of the Lumbar Plexus: A Peripheral Nerve Stimulation Model. **Davis TT**, Bae HW, Tadlock S. Alpha Diagnostics, Santa Monica, CA.
29. Neurophysiologic Monitoring of the Femoral Nerve During Transpsoas Access to the Lumbar Spine. **Davis TT**, Bae HW, Tadlock S. Alpha Diagnostics, Santa Monica, CA
30. 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
31. 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
32. Percutaneous Placement of Dorsal Column Stimulator in the Post-Surgical Scoliotic Spine. Case Series. **Davis TT**. Orthopedic Pain Specialists, Santa Monica, CA
33. 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
34. Minimally Invasive Cervical Facet Fusion Technique for Neck Pain. **Davis TT**, Fung D
35. Neuromodulation in Achondroplasia, Challenges and Techniques. **Davis TT**, Fung D
36. IDET procedure for chronic discogenic low back pain. **Davis TT**, Delamarter, RB, Goldstein T, Spine Research Foundation, Santa Monica, CA. Primary Author
37. 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
38. Cervical Discitis: A Case Report. **Davis TT**, Tatsumi R, Kropf M. Spine Research Foundation, Santa Monica, CA. Primary Author
39. 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
40. Center of Mass Analysis in Diabetics with Peripheral Neuropathy and Trans-tibial Amputations. **Davis, TT**, UCLA Department of PM&R. Primary Author
41. The Effect of High Frequency Distraction on Soft Tissue During Limb Lengthening, Animal Model. Shilt J, **Davis TT**, Ochsner Medical Foundation. Research Associate
42. Arthroscopic Chondroplasty in Patellar Chondromalacia Van DeLune D, **Davis TT**, University of Missouri-Kansas City Orthopaedics, Research Associate

EDUCATIONAL LECTURING

1. Dorsal Root Ganglion Stimulator Theory. Dallas, TX. Dec 10, 2017

2. Dorsal Root Ganglion Stimulator Patient Selection. Dallas, TX. Dec 10, 2017
3. Dorsal Root Ganglion Stimulator Placement at the L4-5 and L5-S1 Level. Dallas, TX. Dec 10, 2017
4. The Orthopedic Lectures, Arthritis, Joint and Bone Health presented by Providence St Johns. The Management of Orthopedic Pain. Santa Monica, CA Oct 11, 2017
5. Dorsal Root Ganglion Stimulator Placement at the L4-5 and L5-S1 Level. Dallas, TX. Aug 12-13, 2017
6. Injections and Radiofrequency: Complications and Management. Pain 2017. Miami FL. Jul 29, 2017
7. Implants: Complications and Management. Pain 2017. Miami FL. Jul 29, 2017
8. Opioids and Other Medications: Complications and Management. Pain 2017. Miami FL. Jul 29, 2017
9. Business Practice Complications: Staying Afloat in a Difficult World. Pain 2017. Miami FL. Jul 29, 2017
10. The Lumbar Plexus and the Transpsoas Approach, an Anatomic and Neurophysiologic Review. The Oblique Lumbar Corridor, Anatomic Review. Western Society of Electrodiagnostic Technologists. San Francisco, CA. May 21, 2017
11. Dorsal Root Ganglion Stimulator Placement at the L4-5 and L5-S1 Level. Western Society of Electrodiagnostic Technologists. San Francisco, CA. May 21, 2017
12. Dorsal Root Ganglion Stimulator Placement at the L4-5 and L5-S1 Level. Dallas, TX. Jul 21-23, 2016
13. The Lumbar Plexus and the Transpsoas Approach, an Anatomic and Neurophysiologic Review. The Oblique Lumbar Corridor, Anatomic Review. Milpitas, CA. Oct 7-8, 2016
14. The Lumbar Plexus and the Transpsoas Approach, an Anatomic and Neurophysiologic Review. The Oblique Lumbar Corridor, Anatomic Review. Rosemont, IL. Sep 9-10, 2016
15. Dorsal Root Ganglion Stimulator Technique, Masters Course. Napa Valley, CA. Aug 25, 2016
16. Dorsal Root Ganglion Stimulator Placement at the L4-5 and L5-S1 Level. Dallas, TX. Jul 15-17, 2016
17. Dorsal Root Ganglion Stimulator Placement at the L4-5 and L5-S1 Level. Dallas, TX. May 19-21, 2016
18. The Lumbar Plexus and the Transpsoas Approach, an Anatomic and Neurophysiologic Review. The Oblique Lumbar Corridor, Anatomic Review. San Jose, CA. Jul 7-9, 2016
19. The Lumbar Plexus and the Transpsoas Approach, an Anatomic and Neurophysiologic Review. The Oblique Lumbar Corridor, Anatomic Review. San Jose, CA. Apr 15, 2016
20. The Lumbar Plexus and the Transpsoas Approach, an Anatomic and Neurophysiologic Review. The Oblique Lumbar Corridor, Anatomic Review. Tampa Bay, FL. Dec 11-12, 2015
21. The Lumbar Plexus and the Transpsoas Approach, an Anatomic and Neurophysiologic Review. The Oblique Lumbar Corridor, Anatomic Review. Dallas, TX. Sept 11-12, 2015
22. Intraoperative Neurophysiologic Monitoring. 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
23. Intraoperative Neurophysiologic Monitoring. 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

24. The Lumbar Plexus and the Transpsaos Approach, an Anatomic and Neurophysiologic Review. The Oblique Lumbar Corridor, Anatomic Review. Chicago, IL. Jun 26-27, 2015
25. 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
26. Musculoskeletal Injury Prevention for Women. Irene Dunne Guild. St Johns Hospital. Santa Monica, CA. May 13,2015
27. 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
28. The Lumbar Plexus and the Transpsaos Approach, an Anatomic and Neurophysiologic Review. The Oblique Lumbar Corridor, Anatomic Review. San Diego, CA. Mar 19, 2015
29. 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
30. 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
31. 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
32. 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
33. Radiofrequency Lesion of the Genicular Nerve for Painful Osteoarthritis. Irvine, CA. Sep 6, 2014
34. Vertebral Augmentation (Kyphoplasty) for Thoracic and Lumbar Compression Fractures. Irvine, CA. Sep 6, 2014
35. 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
36. 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
37. Denervation and Regeneration? Non-Surgical Options for Treatment of the Arthritic Knee. (Radiofrequency Denervation versus Biologic Treatments) PAIN, Jun 21, 2014
38. Biologics: Will Stem Cells Change Our Treatment Paradigm? (A Review of the 12 month Lumbar Disc Study & Beyond). PAIN, Jun 20, 2014
39. 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
40. Musculoskeletal Injuries in the Aging Male. The Irene Dunne Guild. Santa Monica, CA. June 12, 2014
41. 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
42. Kyphoplasty for Painful Vertebral Compression Fractures. Irvine, CA. Apr 26, 2014
43. Radiofrequency Lesion of Cervical and Lumbar Medial Branch for Treatment of Low Back Pain Related to Facet Arthritis. Irvine, CA. Apr 26, 2014

44. The Lumbar Plexus and the Transpsoas Approach, an Anatomic and Neurophysiologic Review. The Oblique Lumbar Corridor, Anatomic Review. San Diego, CA. Mar 21, 2014
45. The Lumbar Plexus and the Transpsoas Approach, an Anatomic and Neurophysiologic Review. The Oblique Lumbar Corridor, Anatomic Review. Jersey City, NJ. Jan 17, 2014
46. The Lumbar Plexus and the Transpsoas Approach, an Anatomic and Neurophysiologic Review. The Oblique Lumbar Corridor, an Anatomic Review. Dallas, TX. Nov 15, 2013
47. The Lumbar Plexus and the Transpsoas Approach, an Anatomic and Neurophysiologic Review. The Oblique Lumbar Corridor, Anatomic and MRI. Miami, FL. Sep 6-7, 2013
48. The Lumbar Plexus and the Transpsoas Approach to the Lumbar Spine. The Oblique lumbar corridor, Anatomic and Neurophysiologic Review. Las Vegas, NV. Jun 21-22, 2013
49. Radiofrequency Lesion of Cervical and Lumbar Medial Branch for Treatment of Low Back Pain Related to Facet Arthritis. Las Vegas, NV. Apr 27, 2013
50. Kyphoplasty for Painful Vertebral Compression Fractures. Las Vegas, NV. Apr 27, 2013
51. 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
52. Minimally Invasive Spine Care: Intradiscal Biologics. Manhattan Beach, CA Mar 18, 2013
53. Spinal Cord Stimulation for Chronic Neuropathic Pain. 12th Annual Symposium on Current Concepts in Spinal Disorders. Las Vegas, NV Feb 1, 2013
54. Electrophysiology of the Transpsoas Approach: Intraoperative Neurophysiologic Monitoring as a Tool in Surgery. San Jose, CA Nov 4, 2012
55. The Oblique lumbar corridor, an Anatomic Review and Gross Anatomy Lab. San Jose, CA Nov 4, 2012
56. The Lumbar Plexus and the Transpsoas Approach, an Anatomic Review and Gross Anatomy Lab. San Jose, CA Nov 3, 2012
57. The Oblique lumbar corridor, an Anatomic, Neurophysiologic Review. Dallas, TX Oct 24, 2012
58. The Lumbar Plexus and the Transpsoas Approach, an Anatomic and Neurophysiologic Review. Dallas, TX Oct 23, 2012
59. 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
60. Neuromodulation for Chronic Spine and Neurogenic Limb Pain. St Johns Post Graduate Assembly. Santa Monica, CA Sep 15, 2012
61. 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
62. The Lumbar Plexus and the Transpsoas Approach, an Anatomic and Neurophysiologic Review. Denver, CO Aug 25, 2012
63. The Lumbar Plexus and the Transpsoas Approach, an Anatomic and Neurophysiologic Review. Denver, CO Aug 25, 2012

64. 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
65. 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
66. 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
67. The Lumbar Plexus and the Transpsaos Approach, an Anatomic and Neurophysiologic Review. Memphis, TN Mar 30, 2012
68. Pain Management and Interventional Techniques-Moderator. Cedars Sinai 11th Annual Symposium on Spinal Disorders. Las Vegas, NV Feb 4, 2012
69. The Lumbar Plexus and the Transpsaos Approach, an Anatomic and Neurophysiologic Review. Great Falls, MT Feb 9, 2012
70. The Lumbar Plexus and the Transpsaos Approach, an Advanced Anatomic and Neurophysiologic Review. Miami, FL Feb 17-18, 2012
71. Epiducer Access to the Epidural Space for Multi Lead Configuration and Case Studies. Plano, TX. Nov 6, 2011
72. Epiducer Access to the Epidural Space for Multi Lead Configuration and Case Studies. Plano, TX. Nov 5, 2011
73. Neuroanatomy and Neurophysiology as it Applies to the Transpsaos Approach. Sunnyvale, CA Oct 14, 2011
74. Advanced Neuroanatomy and Neurophysiology as it Applies to the Transpsaos Approach. Sunnyvale, CA Oct 13, 2011
75. Minimally Invasive Treatments for the Ageing Spine. Saint Johns Foundation, Riviera Country Club, Pacific Palisades, CA. Oct 6, 2011
76. Neurologic and Vascular Anatomy and the Oblique Approach to the Lumbar Spine, TN Sep 29, 2011
77. The Lumbar Plexus and the Transpsaos Approach, an Anatomic and Neurophysiologic Review. Bloomfield, CO Aug 26, 2011
78. 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
79. Anatomy and Neurophysiology applications to the Transpsaos Surgical approach to the Lumbar Spine. Scottsdale, AZ Apr 15, 2011
80. Anatomy and Neurophysiology applications to the Transpsaos Surgical approach to the Lumbar Spine. Indianapolis, IN Mar 16, 2011
81. Anatomy and Neurophysiology applications to the Transpsaos Surgical approach to the Lumbar Spine. Introduction to DLIF Surgical Approach. Miami, FL Feb 26, 2011
82. Anatomy and Neurophysiology applications to the Transpsaos Surgical approach to the Lumbar Spine. Introduction to DLIF Surgical Approach. San Jose, CA Jan 20, 2011

83. Anatomy and Neurophysiology applications to the Transpsoas Surgical approach to the Lumbar Spine. Introduction to DLIF Surgical Approach. San Diego, CA Jan 13, 2011
84. Anatomy and Neurophysiology applications to the Transpsoas Surgical approach to the Lumbar Spine. Introduction to DLIF Surgical Approach. Jersey City, NJ Dec 11, 2010
85. A Review of Degenerative Disc Disease: Basic Science and Clinical Study Protocol for Biostat Fibrin Sealant. Santa Monica, CA Sep 28, 2010
86. A Review of Degenerative Disc Disease: Basic Science and Clinical Study Protocol for Biostat Fibrin Sealant. Santa Monica, CA Oct 28, 2010
87. Anatomy and Neurophysiology applications to the Transpsoas Surgical approach to the Lumbar Spine. North American Spine Society. Orlando, FL Oct 5, 2010
88. Spinal Cord Stimulation as a Treatment for Neuropathic Pain: Counterpoint, North American Spine Society. Orlando, FL Oct 5, 2010
89. Anatomy and Neurophysiology applications to the Transpsoas Surgical approach to the Lumbar Spine. Introduction to DLIF Surgical Approach. St Louis, MO Sep 11, 2010
90. 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
91. The Transpsoas Approach and the Lumbar Plexus: An Anatomic and Neurophysiologic Review. Cedars Sinai Spine Conference. Los Angeles, CA May 15, 2010
92. 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
93. Diagnosis and Minimally Invasive Treatments of the Lumbar Spine. Cedars Sinai Community Lecture, Los Angeles, CA Oct 27, 2009
94. Advanced Topics in Neuromodulation: Patient Selection and Considerations. San Diego, CA. Sep 19, 2009
95. Techniques and Strategies in Neuromodulation: Device Selection and Implantation. Chicago, IL. Jul 24-26, 2009
96. Techniques and Strategies in Neuromodulation: Neuromodulation in the Post Laminectomy Scenario, and Keys to Success. Henderson, NV. Jan 10, 2009
97. Techniques and Strategies in Neuromodulation: Pre and Post-Operative Considerations. Irvine, CA. Dec 13, 2008
98. Neuromodulation for Chronic Neuropathic Limb Pain: Patient Selection and Clinical Applications. San Diego, CA. Nov 12, 2008
99. Dorsal Column Stimulation: Neurophysiology and Implant Selection. Toronto, Canada. Oct 16, 2008
100. Low Back Pain: Diagnosis and Treatment. Saint Johns Health Center, Santa Monica, CA. Community Forum Nov 11, 2005
101. Treatment of Post-Herpetic Neuralgia. Los Angeles, CA. Nov 13, 2002.
102. Treatment of Post-Herpetic Neuralgia. Bakersfield, CA. Oct 17, 2002.
103. Osteoarthritis and the use of Cox 2 Inhibitors. Los Angeles, CA. Oct 9, 2002.

104. Use of Cox2 Specific Inhibitors in Osteoarthritis. Santa Rosa, CA. Sep 24, 2002.

105. The Diagnosis and Treatment of Low Back Pain. Anaheim, CA. Sep 12, 2002.

106. Use of Cox2 Specific Inhibitors in Osteoarthritis. Los Angeles, CA Jul 31, 2002.

107. 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](#)
- Santa Monica Against Crime
- [Santa Monica Firefighters Relief Fund](#)
- [St Johns Health Center Foundation](#)
- [VCA Charities](#)
- [Heal The Bay](#)
- [Surfrider Foundation](#)
- [Friends for Pets](#)
- [Amy Biehl Foundation](#)
- [Team to Win Foundation](#)
- [Disabled Veteran's Winter Sports Clinic](#)

DISCLOSURES

- Alpha Diagnostics (Neurodiagnostics) – Owner, Chief Executive Officer
- Biostar – Research
- Broadway Surgical Institute (Surgery Center) – Shareholder, Board of Directors
- DrChrono – Options, Consultant
- Halyard Health – Research, Medical Advisory Board, Consultant, Publication Steering Committee
- Medtronic - Educational Speaker, Advisory Board
- Mesoblast – Research
- Nevro – Common Stock
- Nuvectra – Research, Consultant, Common Stock
- Paradigm Spine - Shareholder
- Prosidyan – Shareholder
- Source Surgery Center – Founder, Owner
- St Jude – Educational Speaker, Consultant
- Stryker - Educational Speaker, Product Advisory Panel, Common Stock
- Tenex Health – Consultant, Educational Speaker, Options
- Vertiflex - Product Advisory Panel, Educational Speaker, Research Advisory Panel
- Vivex – Advisory Board, Research