

## CURRICULUM VITAE

### Biographical

Name: Todd Hopkins Lanman, MD, FACS  
Birthdate: 5/2/57  
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### Hospital Appointments

1983-Present	UCLA MEDICAL CENTER <i>Los Angeles, CA</i>	Assistant Clinical Professor
1989-Present 1994-1996	CEDARS-SINAI MEDICAL CENTER <i>Los Angeles, CA</i>	Staff Neurosurgeon Clinical Chief of Neurosurgery
1990-Present	OLYMPIA MEDICAL CENTER <i>Los Angeles, CA</i>	Staff Neurosurgeon
2004-Present	ENCINO/TARZANA MEDICAL CENTER <i>Tarzana, CA</i>	Staff Neurosurgeon
2005-2008	CENTURY CITY DOCTORS HOSPITAL <i>Los Angeles, CA</i>	Chief of Neurosurgery Director of Spine Surgery Board of Governors
2008-Present	SAINT JOHN'S MEDICAL CENTER <i>Santa Monica, CA</i>	Staff Neurosurgeon

### Education and Training

1/1/89-12/31/89	University of California at Los Angeles Chief Resident VII Director: Donald Becker, MD	Neurological Surgery
7/1/88-12/31/88	University of California at Los Angeles Resident VI Director: Donald Becker, MD	Neurological Surgery
1/1/85-6/30/88	University of California at Los Angeles Resident II-V Director: W.Eugene Stern, MD	Neurological Surgery
6/24/83-12/31/84	University of California at Los Angeles Director: W.Eugene Stern, MD	General Surgery-Internship
8/12/79-6/18/83	Northwestern University <i>Chicago, Illinois</i>	Doctor of Medicine
9/1/75-12/15/78	Colorado State University Physical Science/Chemistry <i>Fort Collins, Colorado</i>	Bachelor of Science

### Honors

Alpha Omega Alpha - Northwestern University Medical School Phi Beta Kappa - CSU Undergraduate Honor Society

Phi Eta Sigma- CSU Undergraduate Freshman Honor Society

Phi Kappa Phi- CSU Undergraduate Honor Society

### Certification and Licensure

1993-present American Board of Neurological Surgery  
diplomat (#93114)

1983-present      State of California licensure  
                          (#A40938)  
1984-present      Drug Enforcement Agency licensure  
                          (#AL2696043)

#### Professional Affiliations

American Association of Neurological Surgeons  
Congress of Neurological Surgeons  
North American Spine Society  
California Association of Neurological Surgeons  
Fellow American College of Surgeons  
Spine Arthroplasty Society  
Association of Clinical Research Professionals

#### Martial Arts

Dux Ryu Ninjitsu – 5<sup>th</sup> degree black belt- Shihan Master  
                          Grandmaster - Frank Dux  
American Eagle – 2<sup>nd</sup> degree black belt- Honorary  
                          Grandmaster - Clifford Crandall  
Tae Kwan Do – 1<sup>st</sup> degree black belt  
                          Shidoshi – Paco Prieto

#### Presentations

Early Clinical Experience with Semi-Rigid (CD Horizon Legacy PEEK Rod) Posterior Instrumentation in Lumbar Fusion. Russ Nockels, MD, Todd Lanman, MD, Matthew Gornet, MD, Hallet Mathews, MD, American Association of Neurological Surgery. Washington DC, March, 2007.

Mechanical, Biomechanical and Biocompatibility Evaluation of a PEEK Rod Based Pedicle Screw System. Mattew Gornet, MD, Hallet Mathews, MD, Russ Nockels, MD, Todd Lanman, MD, Avinash Parwardhan, PhD, Eliot H Sanders, PhD, Jonathan Dewey, BSE, Michael Veldman, BSE, Chris Patterson, BSE American Association of Neurological Surgery. Washington DC, March, 2007.

Lumbar Stabilization with PEEK Rod System. Todd H Lanman, MD, Hallet Mathews, MD, Matt Gornet, MD. North American Spine Society, Philadelphia, PA. September 29, 2005.

Anterior Cervical Spine Fusion using Bioresorbable Interbody Spacers and rhBMP-2. Todd H Lanman, MD, Theodore Goldstein, MD, Thomas Hopkins, PhD, MD. North American Spine Society. Chicago, IL. October 29, 2004.

Minimal Access Lumbar Spine Fusion using Biosresorbable Interbody Spacers and rhBMP-2. Todd H Lanman, MD, Theodore Goldstein, MD, Thomas Hopkins, PhD, MD. North American Spine Society. Chicago, IL. October 27 2004.

Transforaminal Lumbar Interbody Fixation- Open and Minimally Invasive Techniques. Lanman TH. Indianapolis, IN. September 17-18, 2004.

Microendoscopic TLIF with Bone Morphogenic Protein: Techniques and Early Results. Lanman TH. Meeting on Advanced Spine Techniques. Denver, CO. November 8, 2003.

Minimal Access TLIF, Endoscopic Pedicle Screws, and Posterolateral Fusion with Bone Morphogenic Protein: Techniques and Early Results. Lanman TH. International Meeting on Advanced Spine Techniques IMAST. Rome, Italy. July 12, 2003.

Minimally Invasive Use of METRx X Tube for Lumbar Decompression. Smith M, Lanman TH, Foley K. International Meeting on Advanced Spine Techniques IMAST. Rome, Italy. July 11, 2003.

Lumbar 5-Sacral ISpondylolisthesis: Patient Selection Criteria and Technique Selection.. Lanman TH, Mummaneni P. Global Spine: Surgical Principles and Latest Techniques. Laguna Niguel-Dana Point, California, June 29,2003.

Lumbar Degenerative-Fusion Techniques: Mini Open Transforaminal Lumbar Interbody Fusion. Lanman TH, Mummaneni P. Global Spine: Surgical Principles and Latest Techniques. Laguna Niguel-Dana Point, California, June 29,2003.

Lumbar Degenerative-Anterior Approach Circumferential Fusion. Shaffrey C., Lanman TH, Wang J, Mathern, B.. Global Spine: Surgical Principles and Latest Techniques. Laguna Niguel-Dana Point, California, June 28,2003.

Lumbar Degenerative-Posterior Circumferential Fusion-Transforaminal Lumbar Interbody Fusion/Posterior Lumbar Interbody Fusion. Lanman TH, Alexander, J, Frey,G. Global Spine: Surgical Principles and Latest Techniques. Laguna Niguel-Dana Point, California, June 27,2003.

Minimal Access Lumbar Spinal Fusion with Bone Morphogenic Protein, Hydrosorb Copolymer and Pedicle Screw Fixation.

Medtronic Spine Course, Phoenix, Arizona, February, 2003.

Removal of Intradiscal Screws Relieves Neck Pain. McBride DQ, Lanman TH, Johnson JP. Lende Winter Neurosurgery Conference. Salt Lake City, Utah, February, 2001.

Chronic Cervical Spine Pain Associated with Intradiscal Screws, McBride DQ, Lanman TH, Johnson JP,Patel N. American Association of Neurological Surgeons, Chicago, IL, April, 2002.

Chronic Cervical Spine Pain Associated with Intradiscal Screws, McBride DQ, Lanman TH, Johnson JP,Patel N. Cervical Spine Research Society, Monterey, CA, November-December, 2001.

Lanman TH, Armstrong IT, Subin W, Marshall GJ, Liu JF, Wei Z. "A New Mechanical Spinal Cord Injury Model: Its Biomechanical and Histological Study."

14<sup>th</sup> Annual AANS/CNS Joint Section- Rancho Mirage,CA February 11, 1998.

Lanman TH, Slattery W, Subin W, Brackmann DJ, Hitselberger WE. "Translabyrinthine Removal of Large Acoustic Neuromas-A Review of 194 Cases"

Western Neurosurgical Society- Ojai, CA September 23,1997

Lanman TH, Slattery W, Subin W, Brackmann DJ, Hitselberger WE. "Translabyrinthine Removal of Large Acoustic Neuromas-A Review of 194 Cases"

Congress of Neurological Surgeons. New Orleans, LA October 1, 1997

Lanman TH, Slattery W, Subin W, Brackmann DJ, Hitselberger WE. "Translabyrinthine Removal of Large Acoustic Neuromas-A Review of 194 Cases"

North American Skull Base Society- Kamuela, Hawaii February 16,1998

TH Lanman, Subin W, Armstrong IT, Tierney AC. "Stereotactic Biopsy of Primary CNS Lymphomas in Seventy Four Patients with AIDS"

Congress of Neurological Surgeons- New Orleans, LA October 1, 1997  
AANS 66<sup>th</sup> Annual Meeting- Philadelphia, PA April 25,1998

Lanman TH, Tierney AC, Subin W. "Stereotactic Biopsy of Cerebral Lesions in 150 Patients with AIDS"  
Congress of Neurological Surgeons- New Orleans, LA October 1, 1997.

Lanman TH. "Taking Charge: Managed Care and Neurological Surgeons."  
The Western Neurosurgical Society- Lanai, HI, September 17, 1996.

Lanman TH, Fetterman, BL, House JW. "Relief of Headache by Cranioplasty after Skull Base Surgery."  
North American Skull Base Society; International Skull Base Congress-San Diego, CA July 3, 1996.

Lanman, T.H., Vinters, H.V., Martin, N.A.: "Encephalic Vascular Malformations - A Clinicopathological Study."  
AANS 57<sup>th</sup> Annual Meeting- Washington, DC April 3, 1989.

Lanman TH, Martin NA, Vinters HV. "The Pathology of Encephalic Arteriovenous Malformations Treated by Prior Embolotherapy"  
63rd Annual Meeting of the American Association of Neuropathologists-Seattle, WA June 13, 1987

Lanman TH, Cerullo LJ. "The Physiologic Comparison of CO2 Laser and Bipolar Lesions in Cat Cerebral Cortex."  
Congress on Laser Neurosurgery-Chicago, IL September 24, 1982.

### Publications

#### Journal Articles:

Mummaneni PV, Haid RW, Lanman TH, Rodts GE. Transforaminal Lumbar Interbody Fusion: Technical Advances. Contemporary Neurosurgery 25(13):1-8. 6/2003.

Lanman TH, Slattery W, Brackmann DJ, Hitselberger WE. Report of 190 consecutive cases of large acoustic tumors(vestibular schwannoma) removed via the translabyrinthine approach. Journal of Neurosurgery 90:617-623,1999.

Lanman TH, Tierney AC, Subin W. Stereotactic Biopsy of Cerebral Lesions in 150 Patients with AIDS. Submitted to Journal of Infectious Disease 11/98.

Lanman TH. Taking Charge: Specialty Surgeons Take on Managed Care. Bulletin-American College of Surgeons 1998; 83(6): 33-36

Fetterman BL, Lanman TH, House JW. Relief of Headache by Cranioplasty After Skull Base Surgery. Journal of Skull Base Surgery 1997; 7(1)

Roberson JB, Brackmann DE, Hitselberger WE, House JW, Lanman TH. Acute Postoperative Hydrocephalus Following Translabyrinthine Craniotomy for Acoustic Neuroma Resection. Journal of Skull Base Surgery 1995; 5 (3): 143-148.

Som PM, Schatz CJ, Flaum EG, Lanman TH. Aneurysmal Bone Cyst of the Paranasal Sinuses Associated with Fibrous Dysplasia: CT and MRI Findings. Journal of Computer Assisted Tomography 1991; 15(3): 513-515.

Spickler E, Lufkin R, Teresi L, Lanman TH, Levesque M., Bentson J. High Signal Intraventricular Cysticercosis on T1 Weighted MR Imaging. American Journal of Neuroradiology 1989; 11(1)

Lanman TH, Martin NA, Vinters, HV. The Pathology of Encephalic Arteriovenous Malformations Treated by Prior Embolotherapy. American Journal of Neuroradiology 1988; 30: 1-10

Feuerman TA, Wackym PA, Gade G, Lanman TH, Becker DP. Intraoperative Development of Contralateral Epidural Hematoma during Evacuation of Traumatic Extraaxial Hematoma. Neurosurgery 1988; 23: 480-483

Arthroplasty. Pablo Pazmiño, M.D., Todd H. Lanman, M.D., John J. Regan, M.D. Outcomes Analysis of Lumbar Hybrid Disc Arthroplasty 2008 CNS/ANS Joint section on spine Annual Meeting, Orlando, Florida

Pablo Pazmiño, M.D., Todd H. Lanman, M.D., John J. Regan, M.D. Outcomes Analysis of Lumbar Hybrid Disc Arthroplasty. Spine Arthroplasty Society, Annual Meeting. May 6-9, 2008 Miami Beach, Florida

Pablo Pazmiño, M.D., Todd H. Lanman, M.D., John J. Regan, M.D. Outcomes Analysis of Hybrid Disc Arthroplasty With STALIF. Spine Arthroplasty Society, Annual Meeting. May 6-9, 2008 Miami Beach, Florida

Pablo Pazmiño, M.D., Carl Lauryssen, M.D., Todd Lanman, M.D. Outcomes Analysis of Lumbar Hybrid Disc Arthroplasty. North American Spine Society, Annual Meeting. Toronto, Canada October 14-18 2008

Pablo Pazmiño, M.D. Todd H. Lanman, M.D., Carl Laurysen, M.D. Outcomes Analysis of Cervical Hybrid Disc Arthroplasty. Congress of Neurologic Surgeons, Annual Meeting. September 20-25, Orlando, FL 2008

Book Chapters:

Lanman TH, Becker, DP: Meningiomas. In: Al-Mefty, O-ed. Falcine Meningiomas, Chapter 29. Raven Press 1991, pp. 345-357

Research Experience:

Principal Investigator “A Prospective, Randomized, Controlled, Multicenter Pivotal Clinical Trial of the Artificial Cervical Disc – LP at Two Levels for Symptomatic Cervical Disc Disease (“Prestige LP Two Level Clinical Trial”) – 2006 – Present

Principal Investigator – “A Prospective, randomized, Controlled Clinical Investigation of DIAM Spinal Stabilization System in Patients with Degenerative Lumbar Stenosis (“DIAM vs Fusion”) – 2006 – Present

Principal Investigator “A Prospective, Randomized, Controlled, Multicenter Trial to Assess P-15 Bone Putty in an Anterior Cervical Fusion with Instrumentation” CeraPedics LLC. 2007-Present

Sub-Investigator- “A Randomized, Multi-Center Study to Establish the Safety and Effectiveness of the Wallis Mechanical Normalization System vs. Receiving a Course of Conservative Management for the Treatment of Mild to Moderate Degenerative Disc Disease of the Lumbar Spine.” 2005- 2006

Sub-Investigator – “A Randomized Controlled trial of Duragen Plus Adhesion Barrier Matrix to Minimize Adhesions Following Lumbar Discectomy” 2006 – Present

Sub-Investigator – “A Prospective Multicenter Clinical Study to Assess the Safety and Effectiveness of the Impliant TOPS System – 2006 – Present

Sub-Investigator – “A Pilot Clinical Trial for Initial Evaluation of the Anatomical Facet Replacement System, Sponsored by Facet Solutions. – 2006 – Present

Sub-Investigator- “A Prospective, Randomized Clinical Investigation of the Cervitech, Inc. Porous Coated Motion Artificial Disc for Stabilization of the Cervical Spine.” 2005- Present