

Theodore J. Spinks MD FAANS

Updated August 14th, 2012

Personal Data

Address: 4500 Williams Drive
Suite 212, #341
Georgetown, TX 78723

Telephone: (512) 298-3901

E-mail: tj@spinksneurosurgery.com

Date of Birth: Jan 12th, 1973

Citizenship: United States

Languages: English, French, Spanish

Medical Licenses: Pennsylvania, California, Texas

Board Certification: American Board of Neurological Surgeons

Medical Societies: American Association of Neurological Surgeons
Congress of Neurological Surgeons
AANS/CNS Section on Pediatric Neurological Surgery
AANS/CNS Joint Section on Spine and Peripheral Nerves
Pediatric Craniocervical Society
Texas Association of Neurological Surgeons
Texas Medical Association
American Medical Association
Travis County Medical Society

Academic Appointments

2009-2010	Assistant Professor	Texas A&M University College of Medicine Department of Neurological Surgery Temple, TX
2007-2009	Assistant Professor	University of Pittsburgh School of Medicine Department of Neurological Surgery Pittsburgh, PA

Non-Academic Clinical Appointments

2011-present	Attending Staff	St. David's Hospital Austin, TX
2010-present	Attending Staff	Dell Children's Medical Center of Central Texas Austin, TX
2010-present	Attending Staff	Seton Family of Hospitals Austin, TX
2009-2010	Attending Staff	Scott and White Memorial Hospital Temple, TX
2007-2009	Attending Staff	Children's Hospital of Pittsburgh Pittsburgh, PA
2007-2009	Attending Staff	UPMC Presbyterian and Shadyside Hospitals Pittsburgh, PA
2007-2009	Consulting Staff	Magee-Womens Hospital Pittsburgh, PA

Education

2006	Fellowship	Children's Hospital of Pittsburgh Division of Pediatric Neurosurgery Pittsburgh, PA
1999-2005	Residency Training	University of California, Los Angeles Division of Neurological Surgery

1999	M.D.	Los Angeles, CA Columbia University College of Physicians and Surgeons, New York, NY
1995	B.A.	Cornell University Department of Neurobiology and Behavior, Ithaca, NY

Committees and Positions

2012-2014	CDC Pediatric Mild TBI Panel of Experts
2010-present	Co-Director, Dell/Seton Concussion Program
2009-2010	Operating Room Continuous Learning and Improvement Committee Scott and White Memorial Hospital
2007-2009	Medical Advisory Committee for the Benedum Trauma Center

Medical Society Positions and Honors

2011-present	Texas Medical Association Council on Constitution and Bylaws
2011-present	Travis County Medical Society Alternate Delegate to the TMA House of Delegates
2011	Texas Medical Association ad hoc Committee on Concussions in Student Athletes
2010-2011	Texas Medical Association Leadership College

Research Interests

2009-present	Neurosurgery Faculty	Dell Children's Medical Center and Texas A&M Neurosciences Institute Areas: Stem Cell Harvest in Pediatric Patients, Minimally Invasive Pediatric Neurosurgery, Minimally Invasive Spine Surgery, Endoscopic Cranial Surgery, Concussion and Mild Traumatic Brain Injury
2006-2009	Neurosurgery Fellow/Faculty	Children's Hospital of Pittsburgh University of Pittsburgh Medical Center Areas: Minimally Invasive Spine Surgery, Endoscopic Peripheral Nerve Harvest, Endoscopic Skull Base and Craniosynostosis Surgery, Noninvasive Shunt Flow Measurement, Neurosurgical Outreach to Developing Countries
2002-2005	Neurosurgery Resident	University of California, Los Angeles Division of Neurological Surgery Areas: Endoscopic Spine Techniques, Neurosurgical Outreach to Developing Countries
1998	Medical Student	Columbia University Department of Neurological Surgery Area: Familial Intracranial Aneurysms
1996	Research Assistant	University of Texas Health Science Center, San Antonio Department of Endocrinology Area: Breast Cancer Bone Metastasis

1994-1995 Research Assistant Scripps Clinic and Research Foundation
Department of Interventional Cardiology
La Jolla, CA
Area: Interventional Cardiology

Industry Sponsored Studies

2007-2009 Site PI, "ShuntCheck Evaluation." 12 center blinded controlled trial to determine the utility and efficacy of a noninvasive device to measure shunt flow. Sponsored by Neuro Diagnostic Devices.

Peer Reviewed Articles

Spinks TJ, Lee MR, and Clarke D. How early is too early? A review of infant seizure surgery literature. *Current Pediatric Reviews* 8: 82-85.

Tormenti M, Adamo M, Prince J, Kane T, and **Spinks TJ**. Single-incision laparoscopic transumbilical shunt placement. Technical note. *J Neurosurg: Pediatrics* 8:390-393, 2011.

Hankinson TC, Grunstein E, Gardner P, **Spinks TJ** and Anderson RCE. Transnasal odontoid resection followed by posterior decompression and occipitocervical fusion in children with Chiari I malformation and ventral brainstem compression. *J Neurosurg: Pediatrics* 5:549-553, 2010 (cover).

Hankinson TC, Avellino AM, Harter D, Jea A, Lew S, Pincus D, Proctor M, Rodriguez L, Sacco D, **Spinks TJ**, Brockmeyer DL, Anderson RCE, on behalf of the Pediatric Craniocervical Society. Equivalence of fusion rates after rigid internal fixation of the occiput to C-2 with or without C-1 instrumentation. *J Neurosurg Pediatrics* 5:380-384, 2010.

Spinks TJ and Adelson PD. Pediatric Sural Nerve Harvest: a Fully Endoscopic Technique. *Neurosurgery* 64(5):ons360-ons364, 2009.

Lazareff JA, Galarza M, Gravori T, **Spinks TJ**. Tonsillectomy without craniectomy for the management of infantile Chiari I malformation. *Journal of Neurosurgery* 97:1018-1022, 2002.

Connolly ES Jr., Choudhri TF, Mack WJ, Mocco J, **Spinks TJ**, Slosberg J, Lin T, Huang J, Solomon RA. Influence of smoking, hypertension, and sex on the phenotypic expression of familial intracranial aneurysms in siblings. *Neurosurgery* 48(1):64-68, 2001.

Younassi ZM, Williamson BS, Schatz RA, Teirstein PS, Cloutier DA, **Spinks TJ**. Effect of combined anticoagulation and low-dose aspirin treatment on upper gastrointestinal bleeding. *Digestive Diseases and Sciences*. 42:79-82, 1997.

Oral Presentations

Anderson RCE, Hankinson TC, Grunstein E, Gardner P, and **Spinks TJ**. Transnasal Odontoid Resection Followed by Posterior Decompression and OCF in Children With Chiari I and Ventral Brainstem Compression. AANS/CNS Section Meeting on Pediatrics, Boston, MA, December 2009.

Anderson RC, Hankinson T, **Spinks TJ**, Jea A, Proctor M, Lew S, Rodriguez L, Harter D, Sacco D, Pincus D, Brockmeyer D, for Pediatric Craniocervical Society. Fusion rates following rigid internal fixation of the occiput to C2 are equivalent with or without C1 instrumentation. AANS/CNS Section of Pediatric Neurosurgery Annual Meeting, Spokane, WA, December 2008.

Spinks TJ, Galarza M, Gravori T, Lazareff JA. Management of infantile Chiari Type I malformation: a less invasive surgical technique. AANS annual conference, San Diego, California, USA, April 27-May 2, 2003.

Abstracts and Poster Presentations

- Tormenti MJ, Adamo M, Prince JM, Segura BJ, Burns RC, Kane TD, **Spinks TJ**. Single incision laparoscopic transumbilical shunt placement technique. Congress of Neurological Surgeons Annual Meeting, San Francisco, CA, Oct. 16-21, 2010.
- Prince JM, Segura BJ, Adamo M, Burns RC, **Spinks TJ**, Kane TD. Single Site Technique for Ventriculoperitoneal (VP) Shunt Placement in Infants and Children. Society of American Gastrointestinal and Endoscopic Surgeons Annual Meeting, Phoenix, AZ, April 2009.
- Spinks TJ**, Masterman M, Taché V, Lazareff JA. Diagnostic delay in low grade pediatric intracranial tumors. AANS annual conference, San Diego, California, USA, April 27-May 2, 2003.
- Spinks TJ**, Masterman M, Lowry A, Lazareff JA. Neurosurgical interventions in developing countries: a new model for a new age. AANS annual conference, San Diego, California, USA, April 27-May 2, 2003.
- Khoo LT, **Spinks TJ**. Minimally invasive posterior decompression and fixation of cervical jumped facets: an initial clinical experience in 11 patients. AANS annual conference, San Diego, California, USA, April 27-May 2, 2003.
- Guarneri EM, Schatz RA, Shows DE, **Spinks T**, Morris NB, Teirstein PS. Utility of standby CPS for elective coronary intervention. 44th Annual Scientific Session of the American College of Cardiology, New Orleans, Louisiana, USA, March 19-22, 1995. Journal of the American College of Cardiology 1995; 0 (Spec. Issue): 150A.
- Yin JJ, Chirgwin JM, Taylor SD, Cui Y, **Spinks TJ**, Dallas M, Mundy GR, Guise TA. Evidence for the role of transforming growth factor- β (TGF- β) in the progression of breast cancer-mediated osteolysis. First International Conference, Cancer-induced Bone Diseases, London, June 1997.
- Yin JJ, **Spinks TJ**, Cui Y, Dallas M, Guise TA. Clonal variation in parathyroid hormone-related protein (PTHrP) secretion by a human breast cancer cell line alters severity of osteolytic metastases. American Society for Bone and Mineral Research Meeting, Cincinnati, OH, September 1997.

Book Chapters

- Jankowitz B and **Spinks TJ**. Pediatric Spine Trauma and Degenerative Disease. in: Ritter AM, ed. Pediatric Neurosurgery Handbook. Congress of Neurological Surgeons University of Neurosurgery, <http://w3.cns.org/university/pediatrics/index2.asp>.
- Spinks TJ**. General Surgery. In: Allen R, James D, Moss R, Ross R, eds. Columbia P&S Clinical Clerkship Survival Guide: First Edition. Columbia University, New York; 1998:24-27.

Teaching Experience

Neuropathology (PTH 210B). Mt. St. Mary's College, Los Angeles, CA. Fall 2002.

Legislative Testimony

House Bill 2038 ("Natasha's Law") on concussion management and education in Texas Schools; Texas House Committee on Public Health, March 30, 2011; Texas Senate Committee on Health and Human Services, May 17th, 2011; representing the Texas Medical Association, Texas Academy of Family Physicians, and Texas Pediatric Society

Invited Presentations and Panel Positions

"Neurofibromatosis: A Surgical Perspective." Texas Neurofibromatosis Foundation Annual Symposium. Austin, Texas. August 11, 2012.

Moderator, Spine Session, 2011 AANS/CNS Section of Pediatrics Annual Meeting. Austin, Texas. November 29, 2011.

“What Should I Do About Concussions?” 2011 AANS/CNS Section of Pediatrics Annual Meeting. Austin, Texas. November 29, 2011.

“Smack in the Head: An Intro to Concussion Management in 12 Minutes (More or Less).” 2011 Austin Trauma and Critical Care Conference. Austin, Texas. June 2, 2011.

“Is There a Doctor in the Stands? The Modern Approach to Concussion Management and How to Apply It” 2011 Dell Children’s Hospital Sports Medicine Conference and Pediatric Grand Rounds. Austin, Texas. May 6, 2011.

“Traumatic Syringomyelia: Diagnosis and Treatment.” Annual Meeting of the American Syringomyelia and Chiari Malformation Alliance Project (ASAP). Austin, Texas. July 22-24, 2010.

“Concussions in Students and Athletes.” 2010 Pediatric Challenges: Summer School Conference. Bell County, TX, June 15-17, 2010.

“Minimally Invasive Pediatric Neurosurgery: The Horizon Draws Near.” Pediatric Grand Rounds, Scott & White Memorial Hospital. Temple, TX, July 29, 2009

“Pediatric Spine Trauma: The Emergency Services Perspective.” Eighth Annual John M. Templeton, Jr. Pediatric Trauma Symposium. Philadelphia, March 7-8, 2008.

“Hydrocephalus in the Neonate: Future Directions in Management.” Obstetrics and Neonatology Clinical Correlation Conference, Magee Women’s Hospital. Pittsburgh, October 25, 2007.

“Childhood Sports Injuries: Concussion and Spine Injuries.” Medical Staff Grand Rounds, Conemaugh Medical Center. Johnstown, PA September 5, 2007.

“Hydrocephalus, Spina Bifida, and Their Future Management.” Pediatric Grand Rounds, Conemaugh Hospital. June 5, 2007.

“Pediatric Cervical Spine Trauma.” Children’s Hospital of Pittsburgh, Pediatric Emergency Medicine Conference. April 11, 2007.

“Facets of Neurosurgery.” UCLA School of Medicine, Introduction to Clinical Medicine Course. June 4, 2004.

“Neurosurgery on the Edge.” UCLA School of Medicine, Introduction to Clinical Medicine Course. August 30, 2002.

“Shunts, drains, and intracranial pressure monitoring.” UCLA Department of Neurology Grand Rounds; May 15th 2002.

“Asleep-awake-asleep craniotomies: a surgical perspective.” UCLA Functional Brain Mapping Tutorial Course. Los Angeles; October 22-26, 2001.

Awards

The Order of the Love of the Child; Guatemalan government, September 2002.

Volunteer Experience

ROCK Ministries. Ploesti, Romania; November 2001.

Global NeuroRescue and Healing the Children. Guatemala City, Guatemala; September 2002, March 2003

Kijabe Medical Center. Kijabe, Kenya, January 2007