

CURRICULUM VITAE

NAME: **Arnold B. Vardiman, M.D.**
OFFICE ADDRESS: 4410 Medical Drive, Suite 610
San Antonio, TX 78229
Phone: (210) 614-2453
Fax: (210) 614-2735

BIRTH DATE: November 9, 1962

BIRTHPLACE: Dallas, TX

UNDERGRADUATE EDUCATION: St. Mary's University, San Antonio, TX
Degree: BA in Biology, 1985

RESEARCH: Isolation of a myositic variant in the Coxsackie B3 Virus
Preceptor: Dr. C. H. Gauntt, University of Texas Health Science Center, San Antonio, TX

HONORARY AWARDS: Dean's List
Presidential Ambassador (1984-1985)
Academic Scholarship (1984-1985)
Who's Who American Universities and Colleges
Best Doctors in America, 2005-2006

HONORARY SOCIETY: Summa Cum Laude
Delta Epsilon Sigma Honor Society
Alpha Omega Alpha

GRADUATE EDUCATION: University of Texas Southwestern Medical School, Dallas, TX
Degree: Doctor of Medicine, 1989

RESEARCH: Chilton Fellowship in Biochemistry
May 1985 – August 1986

INTERNSHIP: General Surgery
Parkland Memorial Hospital, Dallas, TX 1989-1990

RESIDENCY: Neurological Surgery
University of Texas Southwestern Medical Center
Dallas, TX 1990-1995
Duke Samson, M.D. (Chairman)

SPECIALITY TRAINING: Instrumentation of Adult Spine
Barrow Neurologic Institute, Phoenix, AZ 1993-1994
Volker Sonntag, M.D.

LICENSURE: Texas, #9010, February 22, 1991

CERTIFICATION: The American Board of Neurological Surgery
May 28, 1999, Certificate #99061

PRIVATE PRACTICE: Arnold B. Vardiman, M.D.
4410 Medical Drive, Suite 600
San Antonio, TX, July 1, 1995 – June 30, 1998

Neurosurgical Associates of San Antonio, P.A.
4410 Medical Drive, Suite 610
San Antonio, TX, July 1, 1998 to present

STAFF APPOINTMENTS: Chief, Department of Neurosurgery
Southwest Texas Methodist Hospital
2004-2006

ACADEMIC APPOINTMENTS: Clinical Assistant Professor
Department of Neurosurgery
University of Texas Health Science Center
San Antonio, TX
2006 to present

TEACHING APPOINTMENTS: Part-time Faculty, Department of Biology,
Laboratory Teaching Assistant-General Biology, Physiology, 1984

Instructor, Posterior Cervical Spine Stabilization Workshop,
Joint Section on Disorders of the Spine and Peripheral Nerves,
February 1994

Instructor, Neurosurgery Board Review Course
Congress of Neurological Surgeons Meeting
San Antonio, TX - September 23 & 24, 2000

Instructor, Neurosurgery Board Review Course
Congress of Neurological Surgeons Meeting
San Diego, CA – September 30, 2001

Instructor, Neurosurgery Board Review Course
The Osler Institute
Houston, TX – November 2001

Faculty, “Minimal Access Spinal Technologies Hands-on-Lab”
Medtronic Sofamor Danek
Satellite Training Center and Southwest Texas Methodist Hospital
San Antonio, TX – May 4, 2002

Instructor, Neurosurgery Board Review Course
The Osler Institute
Houston, TX – November 18, 2002

Instructor, Neurosurgery Board Review Course
The Osler Institute
Houston, TX – November 9-11, 2003

**HOSPITAL
AFFILIATIONS:**

Southwest Texas Methodist Hospital
Methodist Specialty & Transplant Hospital
Metropolitan Methodist Hospital
St. Luke’s Baptist Hospital
North Central Baptist Hospital

**SPECIAL TRAINING
CERTIFICATIONS:**

Charite Artificial Disc, March 17, 2005
Endoscopic Techniques in Neurosurgery, Aesculap Academy,
January 21-22, 2005

ORGANIZATIONS:

Texas Medical Association
Bexar County Medical Society
American Association of Neurological Surgeons
Texas Association of Neurological Surgeons
Congress of Neurological Surgeons
American College of Surgeons
The Neurological Society of America

INVITED FACULTY:

METRx System, Current Concepts in Minimally Invasive Discectomy,
Memphis, TN, October 2000.

Congress of Neurological Surgeons Annual Meeting, Cerebral
Aneurysm Surgery: Complication Avoidance and Management, San
Antonio, TX, September 26, 2000.

International Essential Tremor Foundation Conference, San Antonio, TX, January 24, 2004.

Texas Association of Neurological Surgeons, Surgery for Movement Disorders, Austin, TX, May 14, 2004.

International Essential Tremor Foundation, Learning About Essential Tremor: Diagnosis and Treatment Options, Austin, TX, October 22, 2005.

INVITED SPEAKER: Grand Rounds, Craniocervical Junction Topics
Methodist Healthcare System, Department of Orthopaedics
San Antonio, TX, September 27, 2006.

PUBLICATIONS: McCarter R, McGee J, Witherspoon S, Gauntt CJ, **Vardiman AB**.
Effects of viral infection on the contraction of the diaphragm in mice.
Proceedings of The Society for Experimental Biology and Medicine
182:308-314, 1986.

Vardiman AB, MacDonald PC, Casey LM, Cotam LG.
Dehydroisoandrosterone therapeutics: Inhibition of prostaglandin H2
synthase activity in mouse kidney by dehydroisoandrosterone feeding.
Abstract, Twenty-Fifth Annual Southwestern Medical Student
Research Forum, 1986.

Vardiman AB, Kopitnik TA, Purdy PD, Batjer HH, Samson DS.
Treatment of traumatic arterial vasospasm with intra-arterial papaverine
infusion: A case report. AJNR 16:319-321, Feb 1995.

Vardiman, AB, Dickman CA, Sonntag VKHS. The Modified
Anterolateral Retropharyngeal Approach to the Craniovertebral
Junction: Anatomical and Practical Considerations. BNI Quarterly Vol.
10 No. 3 p25-34 1994.

Vardiman AB. Neurotrauma. The Parkland Trauma Handbook. P87-
97 (ed) Miguel A. Lopez-Viego, Mosby 1993.

Texas Association of Neurological Surgeons, Minimally Invasive
Intradural Spine Surgery, Grapevine, TX, May 13, 2005.

Sonntag VKHS, **Vardiman AB**. Anterior Odontoid Screw Fixation.
Principles of Spinal Surgery. p1039-1050 (eds) Arnold Menendez,
Volker Sonntag. McGraw Hill 1996

D'Alise MD, **Vardiman AB**, Kopitnik TA, Batjer HH. External Carotid-to-middle-cerebral bypass in the treatment of complex internal carotid injury. *The Journal of Trauma: Injury Infection and Critical Care* Vol. 40 No.3 p452-455 March 1996

Vardiman AB, Dickman CA, Sonntag VKHS. Thoracic Spine Instrumentation. *Techniques in Neurosurgery* Vol. 1 No. 4 p240-256 1996.

Vardiman AB, Dickman C, Sonntag VKHS. Anterior retropharyngeal approach to the craniovertebral junction. *Surgery of the Craniovertebral Junction*, (eds) Dickman C, Sonntag VKHS, Spetzler RF. Thieme 1997.

Vardiman AB, Morgan H, D'Alise. Nonunion: Prevention and management. *Spine Surgery*. Chapter 97 A Benzel E (ed). Churchill Livingstone 1997.

D'Alise MD, Benzel EC, Hart BL, **Vardiman AB**. Evaluation of the cervical spine following trauma. *Spine Surgery*, Chapter 51 A Benzel E (ed). Churchill Livingstone 1997.

Vardiman AB, Dickman CA, Sonntag VKHS, Spetzler RF. Cervical myelopathy secondary to epidural venous varices treated with sigmoid sinus to internal jugular vein bypass. *BNI Quarterly*.

Deshmukh V, **Vardiman AB**, Morgan, Jr., HW. Nonunion. *Spine Surgery: Techniques, Complication Avoidance, and Management* (2nd ed), Chapter 157, 2005.

PRESENTATIONS:

Vardiman AB, D'Alise MD, Kopitnik TA, Giller CA, Batjer HH. Vertebral Artery Injuries Associated with Cervical Fractures Involving the Foramen Transversarium. Poster presentation at AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves, February 1994.

Knightly JJ, Dickman C, **Vardiman AB**, Ronderos J, Sonntag VKHS. Roller Coaster Induced Hyperflexion Injury: The Domino Effect After Treatment of an Upper Cervical Kyphosis. Poster presentation at AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves, February 1994.

Knightly JJ, Dickman C, **Vardiman AB**, Ronderos J, Sonntag VKHS. Treatment Preferences for Type II Odontoid Fractures. Poster presentation at AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves, February 1994.

Vardiman AB. Dynamic Flexion Extension Evaluation of the Cervical Spine. The 45th Annual Meeting of the Arizona Society of Radiologic Technologist, Phoenix, Arizona, June 5, 1994.

Vardiman AB, Dickman C, Sonntag VKHS. A Comparison of the Transoral and Anterolateral Retropharyngeal Approaches to the Craniovertebral Junction. Rocky Mountain Neurosurgical Society Meeting, June 16, 1994.

Ronderos JF, Knightly JJ, **Vardiman AB**, Dickman CA, Sonntag VKHS. Pull Out Strength of Tapped Versus Untapped Cortical Screws in the Cervical Spine. Poster presentation at AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves, February 1994.

Vardiman AB. A Comparison of the Transoral and Anterolateral Retropharyngeal Approaches to the Craniovertebral Junction. Poster Presentation at Annual Meeting of CNS, October 1994.

Krueger WO, Kingman TA, **Vardiman AB**, Rafa J. CSF leaks following translabyrinthine resection of acoustic neuromas. Presentation at North American Skull Base Society Meeting, March 1996.

Vardiman, AB. Deep Brain Stimulation: The San Antonio Experience. Texas Association of Neurological Surgeons Meeting. San Antonio, TX, May 2000.

Vardiman, AB. Cerebral Aneurysm Surgery: Complication Avoidance and Management, Congress of Neurological Surgeons Annual Meeting, San Antonio, TX, September 26, 2000.

Vardiman, AB. Alamo Area Parkinson's Support Group, Tenth Annual Parkinson's Disease Symposium, San Antonio, TX, June 22, 2002.

Vardiman AB, Hilton DL. Minimally Invasive Approach for Far Lateral Lumbar Disc Herniations Using the METRx-MD System, Poster Presentation, AANS/CNS Section on Disorders of Spine and Peripheral Nerves Annual Meeting, Tampa, FL, March 5-8, 2003.

Vardiman AB, Hilton DL. Minimally Invasive Techniques for Intradural Applications, Oral and poster presentation, AANS/CNS Section on Disorders of Spine and Peripheral Nerves Annual Meeting, Tampa, FL, March 5-8, 2003.

Hilton DL, **Vardiman AB.** Recurrent Outpatient Lumbar Disc Surgery Using Minimally Invasive Tubular Retractor (MITR), Poster Presentation, AANS/CNS Section on Disorders of Spine and Peripheral Nerves Annual Meeting, Tampa, FL, March 5-8, 2003

Hilton, DL, **Vardiman AB.** Posterior Cervical Foraminotomy with Three Dimensional Visualization with Minimally Invasive Tubular Retractor (MITR), Poster Presentation, AANS/CNS Section on Disorders of Spine and Peripheral Nerves Annual Meeting, Tampa, FL, March 5-8, 2003.

Vardiman AB. DBS for Parkinson's Disease Conference, Corpus Christi, TX, July 16, 2004.

Vardiman, AB. Minimally Invasive Intradural Surgery, Texas Association of Neurological Surgeons, Grapevine, TX, May 14, 2005

Vardiman AB, Learning About Essential Tremor: Diagnosis and Treatment Options, International Essential Tremor Foundation, Austin, TX, October 22, 2005.

Vardiman, AB, Parkinson's Public Forum, San Antonio, TX, March 1, 2008.

ABSTRACTS/POSTERS:

Vardiman AB, Hilton, DL, Fichtel FM. "Same Day Surgery for Intradural Tumors: A report of 3 cases". Digital Poster, Congress of Neurological Surgeons Annual Meeting, San Diego, CA, September 15-20, 2007.

Vardiman AB, Hilton DL, Fichtel FM. "Minimally Invasive Surgery Using the METRx-MD System: Techniques for Intradural Applications". Digital Poster, Congress of Neurological Surgeons Annual Meeting, San Diego, CA, September 15-20, 2007.

Vardiman AB. “Single Stage Technique for Deep Brain Stimulation (DBS) and Implantable Pulse Generator (IPG) Placement”. Digital Poster, Congress of Neurological Surgeons Annual Meeting, San Diego, CA, September 15-20, 2007.

Vardiman AB. “Kaizen: A model for continuous improvement in the operating room”. Digital Poster, Congress of Neurological Surgeons Annual Meeting, San Diego, CA, September 15-20, 2007.

Vardiman AB. “An Internet Based Resource to Facilitate DBS Education”. Digital Poster, Congress of Neurological Surgeons Annual Meeting, San Diego, CA, September 15-20, 2007.