

## CURRICULUM VITAE

**NAME:** **Donald L. Hilton, Jr, M.D., F.A.C.S.**

**OFFICE ADDRESS** 4410 Medical Drive, Suite 610  
San Antonio, TX 78229  
Phone: (210) 614-2453  
Fax: (210) 477-5755

**UNDERGRADUATE EDUCATION:** Port Neches Groves High School  
Port Neches, TX 1977  
(Elected most likely to succeed by senior class of 541)

Bachelor of Science, with highest honors  
Lamar University, Beaumont, TX, 1983

**MEDICAL EDUCATION:** Doctor of Medicine, with honors  
University of Texas, Galveston, 1984-1988

**INTERNSHIP:** Surgical Internship  
University of Tennessee, Memphis, TN 1988-1989

**RESIDENCY:** Neurosurgery  
University of Tennessee, Memphis, 1989-1994

**HONORARY AWARDS:** Phi Eta Sigma, 1978  
Phi Kappa Phi, 1982  
Alpha Omega Alpha, National Medical Honor Society, 1988

**LICENSURE:** Texas State Board of Medical Examiners, #H7313, 1994

**CERTIFICATION:** American Board of Neurological Surgery  
11/13/97, #97086

American College of Surgeons, 10/14/99

**PRIVATE PRACTICE:** Neurosurgical Associates of San Antonio, P.A.  
1994 to present

STAFF  
APPOINTMENTS:

Chief, Department of Neurosurgery, Santa Rosa Hospital  
Northwest, 1999 to 2000

Chief, Department of Neurosurgery, Baptist Medical Center,  
2001 to 2002

Vice-Chief, Department of Neurosurgery, Southwest Texas  
Methodist Hospital, 2001 to 2003

Chief, Department of Neurosurgery, Southwest Texas  
Methodist Hospital, 2003-2004

TEACHING  
APPOINTMENTS:

The Osler Institute  
Instructor, Neurosurgery Board Review Course  
Chicago, IL 1998,  
Houston, TX November 7, 1998  
Tampa, FL - February 27, 1999  
Atlanta, GA – September 25, 1999  
Houston, TX – November 15, 1999  
Houston, TX – September 16, 2000  
Houston, TX – November , 2001  
Houston, TX – November 11, 2002

HOSPITAL  
AFFILIATIONS:

Methodist Hospital  
Methodist Specialty & Transplant Hospital  
Metropolitan Methodist Hospital  
The Spine Hospital of South Texas

PROFESSIONAL  
SOCIETIES:

Bexar County Medical Society  
American Medical Association  
Texas Medical Association  
Texas Association of Neurological Surgeons  
American Association of Neurological Surgeons  
AANS Joint Section on Neurotrauma and Critical Care  
American College of Surgeons  
Texas Medical Association  
Specialty Society Alternate Delegate, May 2000

RECOGNITION:

Local and national attention for minimally invasive tubular retractor system for lumbar spine surgery. Locally KENS TV, 11/17/98; nationally with CBS affiliates.

Local and national attention for minimally invasive tubular retractor system for lumbar and cervical spine surgery. Locally KENS TV, June 2002, nationally with CBS affiliates

INVITED FACULTY:

Medtronic Sofamor Danek, Current Concepts in Minimally Invasive Discectomy, Memphis, TN., July 15, 2000.

Minimally Invasive Spine Convention, Ho Chi Minh City, Viet Nam, Invited speaker – live surgical demonstration, May 2000.

American Association of Neurological Surgeons Annual Meeting, Minimally Invasive Spine Practical Course, San Francisco, April 2000.

Congress of Neurological Surgeons Annual Meeting, Current Surgical Options for Lumbar Discectomy: Comparison of Results. San Antonio, TX., September 2000.

Medtronic Sofamor Danek, Current Concepts in Minimally Invasive Discectomy”, Memphis, TN, October 7, 2000.

Satellite Training Center

Southwest Texas Methodist Hospital

Director, “Minimal Access Spinal Technologies Hands-onLab”

Medtronic Sofamor Danek

San Antonio, TX-May 4, 2002

Director, METRx, Lecture Cadaver Course

Houston, November 2002

Satellite Training Center

Faculty, “Minimal Access Spinal Technologies Hands-on Lab”

Medtronic Sofamor Danek  
Tucson, AZ-January 10-11, 2003

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Faculty, “Minimal Access Spinal Technologies Hands-on-Lab”  
Medtronic Sofamor Danek  
Meri Institute  
Memphis, TN-February 21, 2003

Faculty, “Minimally Invasive Spine Surgery Practical Course”.  
American Association of Neurological Surgeons  
Annual Meeting  
Orlando, FL – May 2, 2004

Faculty, “Minimally Invasive Lumbar and Cervical  
Microdiscectomy and X-tube fusion”  
Medtronic Sofamor Danek  
Seattle, WA, July 22-23, 2004

Faculty, “Minimally Invasive Spine Surgery, Current Status”  
University of Texas Health Science Center, Department of  
Orthopedics  
Grand Rounds  
San Antonio, TX, September 22, 2004

Faculty, “Minimally Invasive Microdiscectomy”  
American Association of Neurological Surgeons  
73<sup>rd</sup> Annual Meeting  
New Orleans, LA, April 2005

Faculty, “Modern Techniques and Future Trends in Lumbar  
Interbody Fusion”  
American Association of Neurological Surgeons  
73<sup>rd</sup> Annual Meeting  
New Orleans, LA, April 2005

PRESENTATIONS:

“Reduction of Postlaminectomy Epidural Fibrosis in Dogs by a  
Carbohydrate Polymer”, Southern Neurosurgical Society Annual  
Meeting, Washington, D.C., April 2-5, 1992.

Microdiscectomy with minimally invasive tubular retraction, Texas Association of Neurological Surgeons Meeting, San Antonio, TX, May 25, 2000.

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Microdiscectomy with METRx System, Congress of Neurological Surgeons Annual Meeting, San Antonio, TX, September 25, 2000.

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

Minimally Invasive Techniques for Intradural Applications, Vardiman AB, **Hilton DL**, Poster Presentation, AANS/CNS Section on Spine and Peripheral Nerves Annual Meeting, Tampa, FL, March 5-8, 2003.

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

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

MAST II, The Next Generation – Minimally Invasive Spinal Surgery, **Hilton, DL**, Oral Presentation, MAST symposium, Philadelphia; September 28, 2005.

MAST II, The Next Generation – Minimally Invasive Spinal Surgery, **Hilton, DL**, Oral Presentation, MAST symposium, Boston, October 10, 2005.

Minimally Invasive Spine Surgery, Oral Presentation, Clinical Orthopedic Society, San Antonio, TX, October 13, 2005.

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PUBLICATIONS:

Desiderio DM, Kusmierz JJ, Zhu X, Dass C. **Hilton DL**, Robertson JT, “Mass Spectrometric Analysis of Opioid and Tachykinin Neuropeptides in Non-secreting and ACTH-secreting Human Pituitary Adenomas”. Biological Mass Spectrometry, Vol. 22, pp. 89-97 (1993).

**Hilton DL, Jr**, Einhaus S, Meric AL, White RP, Schweitzer JP, Park MR, Robertson JT, “Early Assessment of Neurological Deficits in the Fluid-Perfusion Model of Brain Injury”. Journal of Neurotrauma, Vol. 10, Number 2, 1993.

**Hilton DL, Jr**, Palmer, S, “METRx Microdiscectomy Surgical Technique”, Medtronic Sofamor Danek, 2001.

**Hilton DL, Jr**, “Out-Patient Muscle-Splitting Microdiscectomy” in Perez-Cruet M, Fessler R, (eds) Out-Patient Spinal Surgery, Chapter 11, 2002.

**Hilton DL, Jr** “Minimally invasive microdiscectomy” in Orthopedics today, Minimal Access Spinal Technologies, Medtronic Sofamor Danek, August 2002.

**Hilton DL, Jr**. “Minimally Invasive Surgery of the Spine” in McGinty’s Operative Arthroscopy, Chapter 67, 2003.

ABSTRACTS:

Park MR, Schweitzer JB, **Hilton DL**, Robertson JT. “Quantitative Changes in Midbrain Axonal Morphology Correlates with Degree of Head Injury”. Society for Neuroscience Annual Meeting, October 1991.

**Hilton DL**, Schweitzer JB, Park MR, Meric AL, Robertson JT.

“Clinical Performance Correlates with Quantitative Axonal Changes Early in Brain Injury”. Scientific Program of the 60th Annual Meeting of the American Association of Neurologic Surgeons, April 11-16, 1992, pg. 317

**Hilton DL**, Lefler CW, White RP, Robertson JT. “Eicosanoids as an Index of Brain Injury”. Scientific Program of the 60th Annual Meeting of the American Association of Neurologic Surgeons, April 11-16, 1992, pg. 318

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**Hilton DL**. Watridge CW, Lowrey R. “Conservative Treatment in Traumatic Blunt Carotid Artery Dissection”. Scientific Program of the 61th Annual Meeting of the American Association of Neurologic Surgeons, April 24-29, 1993.

Robertson JT, **Hilton DL**, Meric AL, Dohan FC, Wujek J. “Reduction of Epidural Scar by a Barrier Agent in a Dog Model of Epidural Fibrosis”. Scientific Program of the 61th Annual Meeting of the American Association of Neurologic Surgeons, April 24-29, 1993.