

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

BIRTH DATE: December 28, 1959

BIRTH PLACE: Galveston, Texas

**UNDERGRADUATE
EDUCATION:** Port Neches Groves High School
Port Neches, TX 1977

MISSIONARY SERVICE: Church of Jesus Christ of Latter Day Saints
South Africa, 1979-1980

**UNDERGRADUATE
EDUCATION:** 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 SOCIETIES
AND HONORS:** Eagle Scout
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

Chief, Department of Surgery, Stone Oak Methodist Hospital, March 2009 to present

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

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

American Association of Neurological Surgeons
Instructor, Goodman Oral Board Review Course
Houston, TX - April 21, 2007

HOSPITAL AFFILIATIONS: Methodist Hospital
Methodist Specialty & Transplant Hospital

Metropolitan Methodist Hospital

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 to present

OFFICES HELD:

Secretary, Texas Association of Neurological Surgeons, 2004, 2005 & 2006.

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

Best Doctors in America, 2005-2006
Best Doctors in America, 2006-2007
Best Doctors in America, 2007-2008
Best Doctors in America 2009-2010
S.A. Scene Best Doctors – 2006-2007
S.A. Scene Best Doctors – 2007-2008
Texas Super Doctors 2008-2009
Texas Super Doctors 2009-1010
Guide to America's Top Surgeons, Consumers' Research Council of America, 2007 Edition

Surgical Instrument with Angled Attachment
U.S. Patent Application Serial No. 10/398,177
Inventors: Shores, Estes, Cihak, Hilton, AP, **Hilton, DL**
June 2007, Patent Pending

“Dr. Donald Hilton; Spines Will Never Be the Same,” *NSide MD, San Antonio Medical Journal*, Volume II, Issue 2, June, July 2008

http://www.nsidesa.com/medical/index.php?option=com_content&task=view&id=287&Itemid=1&ed=8

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

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
73rd Annual Meeting
New Orleans, LA, April 2005

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

Faculty and live surgical demonstration, “Current Concepts in
Minimally Invasive Spine Surgery”
Boomin Hospital
Basan, South Korea, December 7-8, 2005

Faculty, Lumbar Microendoscopic Discectomy, Practical Course
American Association of Neurological Surgeons
74th Annual Meeting
San Francisco, CA, April 2006

Faculty, Modern Techniques and Future Trends in Lumbar
Interbody Fusion
American Association of Neurological Surgeons
74th Annual Meeting
San Francisco, CA, April 2006

Faculty, Minimally Invasive Spine Surgery, Resident Course,
American Association of Neurological Surgeons
“Minimally Invasive Lumbar Decompression”
Memphis, TN, August 12, 2006

Faculty, Lumbar Microendoscopic Discectomy Practical Course
 American Association of Neurological Surgeons
 75th Annual Meeting
 Washington, DC, April 2007

Faculty, Modern Techniques and Future Trends in Lumbar
 Interbody Fusion
 American Association of Neurological Surgeons
 75th Annual Meeting
 Washington, DC, April 2007

Faculty, Nuances of Minimally Invasive Spinal Surgery
 Minimally Invasive Lumbar Decompression, Talk
 Kevin Foley, M.D., Director
 Congress of Neurological Surgeons
 Annual Meeting
 San Diego, CA, September 2007

Faculty, Nuances of Minimally Invasive Spine Surgery
 Minimally Invasive Lumbar Decompression, Talk
 Kevin Foley, M.D., Director
 American Association of Neurological Surgeons
 Annual Meeting
 Chicago, April 2008

Faculty, Nuances of Minimally Invasive Spine Surgery
 Minimally Invasive Lumbar Decompression, Talk
 Kevin Foley, M.D., Director
 Congress of Neurological Surgeons
 Annual Meeting
 Orlando, September 2008

: Grand Rounds, Current Concepts in Minimally Invasive Spine
 Surgery, University of Texas Health Science Center at San
 Antonio, Department of Orthopedics
 San Antonio, TX, September 18, 2006

PRESENTATIONS: “Reduction of Post-laminectomy 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.

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, PA; September 28, 2005.

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

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

Minimally Invasive Spinal Surgery, Oral Presentation, Texas Association of Neurological Surgeons (TANS) at annual TMA

meeting, Houston, TX, May 5, 2005, Invited Speaker

Microsurgery of the Vertebral Column and Spinal Cord, Dean's Lecture, University of Melbourne, Royal Melbourne Hospital, Melbourne, Australia, February 25, 2009.

Minimally Invasive Spinal Surgery, Lecture, University of New South Wales, Sydney, Australia, February 26, 2009.

PUBLICATIONS:

Hilton DL, Jr, Robertson JT, Meric, AL, Wujek J, "Reduction of Postlaminectomy Epidural Fibrosis in Dogs by a Carbohydrate Polymer". Neurosurgery, Vol.30, pp. 807-808 (1992).

Desiderio DM, Kusmierz JJ, Zhu X, Dass C. **Hilton DL, Jr**, 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.

George DH, Scheithauer BW, **Hilton, DL, Jr**, Fakhouri AJ, Kraus EW. "Juvenile Xanthogranuloma of Peripheral Nerve: A Report of Two Cases". The American Journal of Surgical Pathology, 25(4):521-526, April 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.

Hilton DL, Jr, “Minimally Invasive Tubular Access for Posterior Cervical Foraminotomy with Three Dimensional Microscopic Visualization and Localization with Anterior/Posterior Imaging”. *Spine J*, (2007) 154-158.

ABSTRACTS/POSTERS:

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 Neurological 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 Neurological Surgeons, April 11-16, 1992, pg. 318

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 Neurological 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 Neurological Surgeons, April 24-29, 1993.

Galvan GM, 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, September 15-20, 2007.

Galvan GM, 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, September 15-20, 2007

CONTINUING EDUCATION Recorded at AANS Annual Meeting, “Minimally Invasive
COURSE PRESENTER: Cervical Microdiscectomy”, DVD 601D, 2 of 3
Donald L. Hilton, Jr., M.D., Course Presenter
Kevin Foley, M.D., Course Director
American Association of Neurological Surgeons
Annual Meeting, San Francisco, CA, April 2006

Faculty, Online Teaching Session
Minimally Invasive Spine Surgery: Lumbar Decompressive
Techniques
American Association of Neurological Surgeons website
August 2008
emedtrain.com/courses/20080407Hilton/