

CURRICULUM VITAE

David J. Gower, M.D., F.A.C.S.

Office

5670 Peachtree Dunwoody Road, Suite 990
Atlanta, Georgia 30342
404-256-2633

Personal Data

Birth Place:	Milwaukee, Wisconsin
Birth Date:	October 21, 1956
Citizenship:	United States
Marital Status:	Married 1981
Spouse's Name:	Verlia Cole Gower, MD
Spouse's Occupation:	Pediatric Otolaryngology

Licensure

North Carolina, #26661 December 1982 Active
Oklahoma, #16448 May 1988 Inactive
Georgia, #38235 April 1994 Active
Certified - American Board of Neurological Surgery,
Nov. 1991 #91111

Education

Medical School

University of Florida
College of Medicine
Gainesville, Florida
M.D. 1981

Undergraduate

University of Florida
Gainesville, Florida
B.A.-1977

Postgraduate Training

Residency

1982-1988
Department of Neurosurgery
North Carolina Baptist Hospital
Winston-Salem, North Carolina

Fellowship

1984-1985
Research Fellow, Department of Anatomy
Bowman Gray School of Medicine
Winston-Salem, North Carolina

Internship

1981-1982
Department of General Surgery
North Carolina Baptist Hospital
Winston-Salem, North Carolina

Cirriculum Vitae

David J. Gower, M.D.

Professional Appointments

Adjunct Assoc. Professor, Anatomy

1993-1995

Bowman Gray School of Medicine
Winston-Salem, N.C.

Graduate Faculty Member

1991-1993

University of Oklahoma
College of Medicine
Oklahoma City, Oklahoma

Adjunct Asst. Professor, Anatomy

1988 - 1993

University of Oklahoma
College of Medicine
Oklahoma City, Oklahoma

Assistant Professor, Neurosurgery

1988 - 1993

University of Oklahoma
College of Medicine
Oklahoma City, Oklahoma

Research Instructor, Anatomy

1986 - 1988

Bowman Gray School of Medicine
Winston-Salem, North Carolina

Medical Practice

July 1988-March 1993

University of Oklahoma

Section on Neurosurgery
PO Box 26901 OUHSC
Oklahoma City, OK 27190
405-271-4912

March 1993-May 1994

Winston Neurological and

Spinal Surgery Assoc.
3333#107 Brookview Hills Med.
Winston-Salem, NC 27103
910-769-1775

May 1994- December 2004

Northwest Neurosurgical Assoc.

3834 Austell Rd., Suite B
Marietta, GA 30008
(770) 944-9330

January 2005 – Present

Gower Neurosurgical, Inc

975 Johnson Ferry Road, Suite 220
Atlanta, GA 30342
(404) 943-1227

Cirriculum Vitae

David J. Gower, M.D.

Professional Organizations/Affiliations

Member, Research Society of Neurological Surgeons, 1991
Member, Society for Neuroscience, 1985
President, Oklahoma Neurological Society 1990-1993
Fellow, American College of Surgeons 1993

Grants

Oklahoma Center for Science and Technology, PI, 1988
Bowman Gray Intramural Grant, PI, 1987
Elsberg Foundation Fellowship, PI, 1987
Bowman Gray Intermural Grant, Co-PI, 1984
Southern Medical Association Grant, PI, 1984

Patents

US Patent No. 07/680,209, "Method of treatment with HSP70"

Honors

Eagle Scout
Phi Beta Kappa
Phi Kappa Phi
Co-President Senior Medical Class, 1981

Publications

Gower DJ, McGuirt FW: Intracranial complications of ear disease - a problem still with us. Laryngoscope 93:1028-1033, 1983.

Gower, DJ, Lewis JC, Kelly DL: Sterile shunt malfunction - a scanning EM perspective. J. Neurosurg. 61:1079-1084, 1984.

Gower DJ, McGuirt FW, Kelly DL: Intracranial complications of ear disease in a pediatric population - special emphasis on subdural empyema/effusion. South. Med. J. 78:429-434, 1985.

Gower DJ, Davis CH Jr: Home ventilator dependance following high cervical cord injury. South. Med. J. 78:1010-1011, 1985. Gower

DJ, Tytell M: A simplified procedure for evaluation and storage of isoelectric focusing gels prior to second-dimension electrophoresis. Electrophoresis 6:296-298, 1985.

Gower DJ, Tytell M: Slow axonal protein transport and axoplasmic organization. J. Neurol. Sci. 72:11-18, 1986.

Gower DJ, Crone KR, Alexander EA, Kelly DL: Candida albicans shunt infection: report of two cases. Neurosurgery 19:111-113, 1986.

Gower DJ, Lewis JC, Kelly DL Jr: Sterile shunt malfunction: a scanning electron microscopic perspective. In: Matsumoto S, Sata K, Shizuo O (eds.): Annual Review of Hydrocephalus, Vol. III. Tokyo, Japan: Neuron Publishing Co., 1985, pp. 92-93.

Gower DJ, Barrows AA, Pegram S, Kelly DL: Gram negative meningitis in the adult. Review of 39 cases. South. Med. J. 79:12 1499-1502, 1986.

Gower DJ, Gower VC, Richardson SH, Kelly DL: Reduced bacterial adhesion to silicon plastic neurosurgical prosthesis. Pediatric Neuroscience 12:127-133, 1986.

Gower DJ, Tytell M: Synaptosomal protein modification by RNA-dependent post-translational

Cirriculum Vitae

David J. Gower, M.D.

aminoacylation. J. Neurochem. 47:389-395, 1986.

Kirkpatrick J, Gower DJ, Kelly DL Jr, Chauvenet A: Subgaleal hematomas in Children. Child Develop. Ped. Neurol. 28:506-514, 1986.

Scottile FD, Marrie TJ, Prough DS, Hobgood CD, Gower DJ, Webb LX, Costerton JW, Gristina AG: Nosocomial pulmonary infection: possible etiological significance of bacterial adhesion to endotracheal tubes. Critical Care Medicine 14:4 265-270, 1986.

Gower DJ, Culp PJ, Ball J: Lateral spine radiographs and complications of lumbar disc surgery. Surg. Neurol. 27:316-318, 1987.

Gower DJ, Lewis JC, McWhorter JM, Davis CH: The carotid plaque as a source of emboli in humans. Neurosurgery 20:362-368, 1987.

Gower DJ, Baker WF, Ball MR, Kelly DL Jr: Contraindications to lumbar puncture as defined by computed tomography. Neurology, Neurosurgery and Psychiatry 50:1071-1074, 1987.

Gower DJ, Tytell M: Axonal transport of clathrin associated proteins. Brain Research 407:1-8, 1987.

Gower DJ, Gower VC, McWhorter JM, Richardson SH: Removal of adherent bacteria from shunt tubing. Surgical Forum, 1987.

Gower DJ, Lewis JC, McWhorter JM, Davis CH: The carotid plaque as a source of emboli in human. In: Bergan J, Yao J, (Eds): Year Book of Vascular Surgery. Chicago, IL, Yearbook Medical Publishers 1988, pp 120.

Lee KS, Gower DJ, McWhorter JM: The role of MRI in diagnosis and treatment of anterior sacral meningocele. J Neurosurgery 69:628-632, 1988.

Gower DJ, Lee KS, McWhorter JM: The role of subtemporal decompression in control of post-traumatic increased intracranial pressure. Neurosurgery:23(4):417-423, 1988.

Gower DJ, Hollman C, Lee KS, Tytell M: In situ fixation of the spinal cord using microwave radiation. J. Neurosurg.:69(5):719-722, 1988.

Gower DJ, Gower VC: An ounce of prevention, "Infected Ommaya Reservoirs", (letter to the editor). Neurosurgery 22(6):1116, 1988.

Gower DJ, Curling OD, Alexander E Jr. Diastematomyelia: a 40-year experience. Pediatric Neuroscience 14:90-96 1988.

Lee KS, Gower DJ: Aneurysm of the superficial temporal artery. Neurosurgery 23(4):499-501, 1988.

Barbe MF, Tytell M, Gower DJ, Welch W: Hyperthermia Protects Against Light Damage in the Rat Retina. Science 241:1817-1820, 1988.

Gower DJ, Hollman C, Lee KS, Tytell M.: Spinal cord injury and the stress protein response. J. Neurosurgery 70:605-611, 1989.

Tytell M, Barbe MF, Gower DJ: Photo receptor protection from light damage by hyperthermia. Inherited and Environmentally Induced Retinal Degenerations, M.L. LaVail, ed., Alan R. Liss. New York, 1989.

Gower DJ: Image Guided Stereotaxic Surgery. Oklahoma State Medical Journal Vol. 82:265-268, 1989.

Cirriculum Vitae

David J. Gower, M.D.

Lee KS, Gower DJ, McWhorter JM: Surgical repair of Aneurysms of PICA.- A clinical Series Surgical Neurology 31:85-91, 1989.

Curling OD, Gower DJ, Tytell M, Kelly DL: Hyperthermic Preconditioning Improves Recovery from Concussive Spinal Cord Trauma in Rats. Surgical Forum 40:480-483, 1989.

Tytell M, Barbe MF, Gower DJ: Photoreceptor protection from light damage by hyperthermia. Prog. Clin. Biol. Res. 314:523-38 1989

Gower DJ, Pollay M, Shuman R, Brumbeck R: Cystic optic glioma Neurosurgery 26: 133-137 1990.

Gower DJ, The Pediatric Spine: A view through clearer glasses. (Editorial) J. Child Neurology 5:2-3 1990.

Curling OD, Gower DJ, Lee KS, McWhorter JM: Changing trends in spinal epidural abscess: a report of 29 cases. Neurosurgery 27:185-192 1990.

Gower DJ, Horton D, Pollay M: Shunt related brain abscess and ascending shunt infection. J. Child Neurology 5:318-320 1990.

Neely JG, Thompson AM, Gower, DJ: Detection and localization of heat shock protein 70 in the normal guinea pig cochlea. Hearing Research 52:403-406, 1991.

O'Steen WK, Bare DJ, Tytell M, Morris M, Gower DJ: Water deprivation protects photoreceptors against light damage. Brain Res 534:99-105, 1990.

Gower, DJ: Shunting of post-traumatic syrinx. Neurosurgical Operative Atlas. Eds. S. Rengachary Williams and Wilkins Co. 1991

Gower DJ, McMedicine (AMA News August 26, 1991).

Gower DJ, Calloway ER: The Rearview Halo J. Neurosurgery 75:340 1991.

Gower DJ, Brumbeck R, Tytle T: Endostoma (bone island) of the Spine. Neurosurgery 30:608-9 1992

Gower DJ, Pollay M: Adverse Postoperative Complications of Posterior Fossa Surgery (Surgical Complications, In press).

Gower DJ: Head Trauma. Pediatric Emergency Care Eds. J.S. Surprue Andover Medical Publishers, Stoneham MA 1993 pp.143-156

Gower DJ, Watson D, Harper, D: e-PTFE Ventricular Catheters Neurosurgery 31:1132-35 1992

Gower DJ, Pollay M, Leach R: Pediatric Syringomyelia Pediatric Neuroscience J. Child Neurology 6(1) 14-21 1994

Gower DJ, Engles C, Friedman E: Thoracic intraspinal lipoma. Br. J. Neurosurgery 8:761-64 1994.

Practice Situations for David J. Gower, MD FACS

Cirriculum Vitae

David J. Gower, M.D.

July 1988 to March 1993

University of Oklahoma Health Science Center
Section on Neurosurgery
PO Box 26901 OUHSC
Oklahoma City, OK 27190
Phone: 405-271-4912

Associates:

Michael Pollay, MD (retired)
Bruce Pendleton, MD (Enid, Oklahoma)
Don Horton, MD (Univ. of Oklahoma)
Mary Gummerlock, MD (Univ. of Oklahoma)

Hospitals:

Oklahoma Memorial Hospital	Active
Children's Hospital of Oklahoma	Active
Veterans Hospital	Active
Presbyterian Hospital	Courtesy

March 1993 to May 1994

Winston Neurological and Spinal Surgery Associates PA
3333 Brookview Hills Medical Center
Suite 107
Winston-Salem, NC 27103
Phone: 910-768-1775

Associates:

O. Del Curling, MD

Hospitals:

Forsyth Memorial Hospital
Winston-Salem NC
Iredale Memorial Hospital
PO Box 1828
Statesville, NC 28687

May 1994 to Present

Northwest Neurosurgical Associates/Gower Neurosurgical, Inc. (solo practice)
975 Johnson Ferry Road
Suite 220
Atlanta, GA 30342
404-943-1227

Associates:

Michael Fleming, MD – Retired
Lance Perling, MD - Resigned

Hospitals:

Cobb Hospital, Austell Road, Marietta GA Courtesy

Cirriculum Vitae

David J. Gower, M.D.

St. Joseph's Hospital, Atlanta, GA
Emory Eastside Hospital, Snellville, GA

Active
Courtesy

Locum Tenens Situations:

East Carolina Medical School
Pitt County Hospital
May 21 – 23, 2010
July 30 - August 2, 2010

Locumtenens.com