

Curriculum Vitae

Richard A. Berkman, MD

**Assistant Professor of Neurological Surgery
Vanderbilt University Medical Center**

Academic and Practice Information

2016 - Present	Assistant Professor Department of Neurological Surgery Vanderbilt Medical Center 1500 21 st Avenue South, Suite 4340 Nashville, TN 37212
1997 - 2016	Neurosurgical Associates 2400 Patterson Street Suite 319 Nashville, Tennessee 37203
2014 – 2015	Chairman, Department of Neurosurgery TriStar Centennial Medical Center Nashville, TN
1994 – 1997	Assistant Professor Department of Neurological Surgery Vanderbilt Medical Center 1161 21 st Avenue South, T4224 MCN Nashville, TN 37232

Education

Undergraduate:	Harvard University, Cambridge, MA BA in Biology – Magna Cum Laude 1979-1983
Medical:	New York University, New York, NY 1983-1987
Internship:	General Surgery Vanderbilt University, Nashville, TN. 1987-1988
Residency:	Neurological Surgery Vanderbilt University, Nashville, TN. 1988-1993

Fellowships: Medical Staff Fellow: Surgical Neurology
National Institutes of Health, Bethesda, MA
1990-1992

Spine Fellowship Department
of Neurosurgery
Emory University, Atlanta, GA –1994

Board Certified: May 27, 1998

Grant Support

National Institutes of Health: “Interactive, Image-Guided Surgery.”
\$348,885,00 1990-1995 (Named Investigator)

Societies

Research Society of Neurological Surgeons

Published Articles

Berkman RA, Merrill MJ, Reinhold WC, Monacci WT, Saxena A, Clark WC, Robertson JT, Ali TU, Oldfield EH: Expression of the vascular permeability factor/vascular Endothelial growth factor gene in central nervous system neoplasms. *J Clin. Invest* 91: 153-159, 1993.

Berkman,RA, et al, A new algorithm for the diagnosis and treatment of enhancing CNS Lesions in patients with AIDS.
American Association of Neurological Surgeons, Boston, MA, April, 1993

Berkman, RA, et al, MRI motion artifacts simulating intradural, extramedullary tumors.
American Association of Neurological Surgeons' Section on Spine and Peripheral Nerve Diseases, Tucson, AZ, February, 1993.

Berkman RA, et al, Clark WC, Saxena A, Robertson JT, Oldfield EH, Ali IU:
Clonal composition of glioblastoma multiforme. *J Neurosurgery*, 77:432-437, 1992

Berkman, RA, et al, Vascular permeability factor in central nervous system tumors.
American Association of Neurological Surgeons Annual Meeting. San Francisco, CA
April, 1992.

Shulte HM, Oldfield EH, Allolio B., Katz DA, Berkman RA, Ali IU: Clonal Composition of pituitary adenomas in patients with Cushing's disease: Determination by x-chromosome inactivation analysis. *J Clin Endocrinol Metab.*

Berkman RA, et al, Clonal composition of central nervous system neoplasms. *The Molecular basis of Cancer*, Frederick, MD, June, 1991.

Buyon JP, Schaduck N, Berkman RA, Hopkins P, Dalton J, Weissman G, Winchester R, Abramson SB: Surface expression of GP 165/94, the complement receptor CR3, as a Marker of disease activity in systemic lupus erythematosus. *Clin Immunol Immunopath* 46:141-149, 1988.

Posner M, Berkman RA, et al, Lazarus H: Optimal conditions for obtaining human Monoclonal antibodies after in vivo immunization with tetanus toxoid. *AFCR* 32, 1984.

Berkman RA, et al, A New System for Occipital-Cervical Stabilization. Section on Spine and Peripheral Nerve Diseases, Santa Monica, CA. February 1996.

A New System for Occipital-Cervical Stabilization. Section on Spine and Peripheral Nerve Diseases, Santa Monica, CA. February 1996.

Course Instruction/Presentation

Tenth Annual International Spine Workshop. Bethesda, MD. 1998, Instructor/Lecturer. Approaches to the Thoracic Lumbar Spine and Spinal Fixation – Hands on Course.

Recognition and Management of Occipital Cervical Pathology. Department of Surgery Medical Staff Lecture, Centennial Medical Center, June, 1997.

Ninth Annual International Spine Workshop, Bethesda, MD, 1997. Instructor/Lecturer. Left Lateral Extracavitary Approach. Thoracolumbar Spine Workshop.

Technical Consideration For Placement of Pedicle Screws. Hands-On Instruction. Meacham Neurosurgical Society Annual Meeting, June 1996.

Management of Occipital-Cervical Dislocation. Meacham Neurosurgical Society Annual Meeting, June 1997.

Lumbar Pedicle Screw Fixation. AANS Section on Spine and Peripheral Nerve Diseases, Orlando, Fl. March 1996.

Anterior Approach For Cervical Spondylitic Myelopathy and Anterior Cervical Foraminotomy. Meacham Neurosurgical Society Annual Meeting, Sea Island, GA. 1995.

Eighth Annual International Spine Workshop, Bethesda, MD. 1996. Instructor/Lecturer. Approaches to the Thoracic Lumbar Spine and Spinal Fixation – Hands-On Course.

Management of Thoracolumbar Fractures. American Association of Neurological Surgeons' hands-on Thoracolumbar Spine Course, New Orleans, LA, May 1995.

Seventh Annual International Spine Workshop. Bethesda, MD. 1995. Instructor/Lecturer. Management of Thoracolumbar Spine with Hands-On Instruction on Spinal Approaches And Spinal Instrumentation, Bethesda, MD. 1995.

Spinal instrumentation seminar. American Association of Neurological Surgeons' Section on Spine and Peripheral Nerve Diseases, Phoenix, AZ. February 1995.

Sixth Annual International Spine Workshop, Bethesda, MD. 1994. Instructor/Lecturer. Approaches to the Thoracic Lumbar Spine and Spinal Fixation – Hands-On Course.

The team approach to difficult Neurosurgical problems. Shoals Medical Seminar, Sheffield, AL, April 1994.

Management of occipitocervical instability. American Association of Neurological Surgeons' Cervical Spine Workshop, February 1994.